SUPPLEMENTAL INVESTIGATION REPORT

STUART OLVER HOLTZ
HENRIETTA, MONROE COUNTY,
NEW YORK

NYSDEC Site No. 828079

Work Assignment No. D009812-10



Prepared for:

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LIST OF ACRONYMS AND ABBREVIATIONS

AGV	Air Guidance Value
AMSL	Above Mean Sea Level
ASP	Analytical Services Protocol
BGS	Below Ground Surface
BTOC	Below Top of Casing
CEH	Center of Environmental Health
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
COC	Chain of Custody
CPA	Control Point Associates
CVOC	Chlorinated Volatile Organic Compound
DER	Division of Environmental Remediation
DOT	Department of Transportation

DUSRs	Data Usability Summary Reports
EPA	Environmental Protection Agency
ESD	Explanation of Significant Differences
FID	Flame ionization detector
FOC	Fractional Organic Carbon
FS	Feasibility Study
GPR	Ground Penetrating Radar
HDPE	High-Density Polyethylene
IDs	Identifications
IDW	Investigation Derived Waste
IHWDSs	Inactive Hazardous Waste Disposal Site
ISCO	In-Situ Chemical Oxidation
ISCR	In-Situ Chemical Reduction
ŋg/L	Nanograms Per Liter
NAVD	North American Vertical Datum
NTUs	Nephelometric Turbidity Units
NYSDEC	New York State Department of Environmental Conservation
PCE	tetrachloroethene
PDI	Pre-Design Investigation
PFAS	Per- and Polyfluoroalkyl Substances
PID	Photo ionization detector
PRP	Primary Responsible Party
PVC	Polyvinyl Chloride
QAPP	Quality Assurance Project Plan
QC	Quality Control
RA	Remedial Action
RCRA	Resource Conservation and Recovery Act
RGB	Ruby Gordon Furniture
RI	Remedial Investigation
ROD	Record of Decision
SBL	Section, Block, Lot
SCG	Standard, Criteria and Guidance
SI	Supplemental Investigation
SMP	Site Management Plan
SOH	Stuart Olver Holtz
SSF	State Superfund
SSVI	Subsurface Soil Vapor Intrusion
TCE	Trichloroethene
TCL	Target Compound List
TICs	Tentatively Identified Compounds
TOC	Top of Casing
TOD	Total Oxidant Demand
USEPA	United State Environmental Protection Agency
USGS	United States Geological Survey
USCS	Unified Soil Classification System
WA	Work Assignment
VOCs	Volatile Organic Compounds
VI	Vapor Intrusion

XSD	Halogen Specific Detector
µg/L	Micrograms per liter

1.0 Introduction

This report presents the results of the Supplemental Investigation (SI) for the Stuart Olver Holtz (SOH) Site located at 39 Commerce Drive in the Town of Henrietta, Monroe County, New York (referred to as the "Site"). Refer to **Figure 1**, Site Location Map. The SI was completed in accordance with the New York State Department of Environmental Conservation (NYSDEC or the "Department") Division of Environmental Remediation (DER) Work Assignment (WA) No. D009812-10 Notice to Proceed dated February 27, 2020, the NYSDEC-approved Scope of Work dated March 3, 2021, and NYSDEC DER-10, Technical Guidance for Site Investigation and Remediation (DER-10).

The Site has been assigned NYSDEC Site No. 828079 and is comprised primarily of an open lot, which has recently been improved for parking trucks, and a building foundation in a commercial/industrial area in the Town of Henrietta, New York. The Site occupies approximately 4.56 acres and was developed from farmland in 1962 as Electro Chemical Products, Inc., which eventually became Stuart Olver Holtz, Inc. Stuart Olver Holtz, Inc operated a specialty finishing business (i.e., painting, conversion coating and metal plating of parts) at the Site until 1974. In 1974, a fire destroyed a portion of the on-Site building causing plating and coating solutions to be released to soil and groundwater. Refer to **Figure 2** for the Project Limits and Site Features.

Several remedial actions have been completed at the Site beginning in 2005 with demolition of the damaged Site building, abandonment of bedrock production wells inside the building, cleaning of building sumps, and removal of drainage lines. In 2011, injection wells and monitoring wells were installed at the Site and three in-situ chemical oxidation (ISCO) injections events were completed using a total of 56,087 gallons of a 5 percent by weight sodium permanganate solution. Following the sodium permanganate injections, an in-situ chemical reduction (ISCR) injection event was completed in 2012 using a total of 7,965 gallons of a 10 percent by weight solution of molasses injected into Site wells.

Although the ISCO and ISCR injection events were successful in improving groundwater quality, a significant amount of contaminated groundwater remained at the southern portions of the Site. In January 2014, a Focused Feasibility Study was completed to evaluate options for additional groundwater remediation activities at the Site. In-situ chemical oxidation and bioremediation using direct push injection were chosen. Molasses was subsequently injected into the area of the most significant residual contamination at the southern area of the Site in May 2014. A total of 1,691 gallons of a 10 percent by weight solution of molasses solution was injected into the target area using a direct push drill rig.

As means of minimizing groundwater migration to the Ruby Gordon Furniture Store (Ruby Gordon), poplar trees were planted in a phytoremediation plot between the Site and the adjacent Ruby Gordon property to act as a hydraulic barrier and absorb Site contamination. Following clearing of asphalt from the planting areas, 15 poplar trees were planted on October 15, 2015 and 15 willow trees were planted on October 26, 2016. A Site Management Plan (SMP) was prepared for the Site in March 2019 for operation, maintenance, and monitoring of the remedial actions.

Soil and groundwater contamination remains at the Site at concentrations above standards, criteria, and guidance (SCGs). The primary contaminants of concern are Chlorofluorocarbon-113, chloroethane, 1,1-

Dichloroethane, cis- 1,2-Dichloroethane, methylene chloride, Tetrachloroethylene, 1,1,1-Trichloroethane, Trichloroethane, and Vinyl Chloride. Based on site management activities completed in 2020, Volatile Organic Compounds (VOCs) were detected at concentrations exceeding their respective SCGs in 34 of 42 groundwater samples collected from the Site. Overall, the concentrations were highest in the previously identified source area near the southwest corner of the building pad and southern portions of the Site. **Figure 2** shows the areal extent of 2020 total Chlorinated Volatile Organic Compounds (CVOCs) with highest concentrations detected in OW-7S, which contained total concentrations of 48,990 micrograms per liter (µg/L). These groundwater monitoring results showed a rebound in VOC concentrations at the Site following the remedial actions.

Based on the results of previous remedial actions and groundwater monitoring, and the remaining contamination in both soil and groundwater at the Site, the objectives of this SI were to:

- Further delineate the extent of the contamination on-Site.
- Assess the potential for migration of CVOC impacted groundwater off-Site, and the potential for vapor intrusion (VI) from off-Site migration of CVOC impacted groundwater.
- Identify/confirm the source area of contaminants in the soil and groundwater.
- Delineate the vertical distribution of contaminants in overburden soil and groundwater.
- Establish a monitoring well network for future site management activities.
- Identify potential corrective measure(s).

2.0 Site Description and History

2.1 Site Location and Setting

The Stuart Olver Holtz Site is located in an industrial/commercial area in the Town of Henrietta, in Monroe County, New York (see **Figure 1**). The Site is approximately 4.56 acres in size and is comprised of two parcels of land identified as Section, Block, Lot (SBL) numbers 161.15-1-4 (+/- 1.56 acres) and 161.15-1-5 (+/- 3.0 acres) on the Monroe County Tax Map. The Site is currently owned by Marlwood Partners, LLC and can be accessed from the Site entrance on Commerce Drive.

The Site is bounded by Commerce Drive to the north, Ruby Gordon Furniture Store to the south, three commercial properties (Amish Exclusive, PC Innovations and Osaka Sushi) to the east, and Pullman Manufacturing to the west, as shown on **Figure 2**. A residential area, Westbrooke Commons Apartment Complex, is located approximately 650 feet to the southwest of the Site.

2.2 Site Features and Use

Site features include the former building foundation and slab, monitoring wells, injection wells, perimeter fencing, phytoremediation plot, and open lot area, as shown on **Figure 2**.

The SOH Site is a former specialty finishing business (i.e., painting, conversion coating and metal plating of parts) and vacant lot that is currently utilized for truck parking and related activities. The Site is zoned for commercial/industrial use. Subsurface utilities (e.g., sewer easement near previously identified source area) and overhead utilities are present on-Site. The area is serviced by public water supply and sewer systems.

2.3 Site History/Past Use

The Site was developed from farmland in 1962 by Electro Chemical Products, Inc., and later operated by SOH. The Site was operating as a specialty finishing business when a fire broke out in 1974 destroying a portion of the facility and resulting in an uncontrolled release of plating and coating solutions on to the ground.

In 1980, SOH began accumulating drums of solvent at the Site to be processed in a proposed solvent recovery unit that had not yet been approved. By 1983, the permit had been denied to SOH and they were instructed to begin removal of the drums. Although a considerable number of drums were removed, many remained on the Site. SOH applied for bankruptcy protection in 1986 and began transferring the Site to Metalade, Inc., during which groundwater contamination was discovered during an environmental site assessment. Inspections revealed that poor waste handling practices and leaking drums were present on Site. Lozier Architects and Engineers, Inc. conducted another assessment in 1987 that concluded that VOCs were detectable in soil and groundwater samples collected from the southwest area of the Site, and VOCs were detectable in the on-Site production wells located in the building. The NYSDEC listed the Site as a Class 2 Site in the Registry of Inactive Hazardous Waste Disposal Sites in 1989.

2.4 Topography and Site Drainage

According to the United States Geological Survey (USGS) National Topographic Map Viewer of Rochester, New York, ground surface elevations at the Site range from approximately 520 to 540 North American Vertical Datum (NAVD) 1988. The Site is relatively flat and is located within the Red Creek Drainage Basin. Red Creek is a Class C Surface Water body and is located approximately 1,200 feet north of the Site and approximately 900 feet east of the Site. A portion of the Site is located within the 100-year floodplain of Red Creek. A swale is located along the southern Site boundary and two small stormwater control ponds are located south and east of the Site. There is a wetland approximately 1,500 feet north of the Site and there are no wetlands on the Site.

2.5 Geology

The overburden thickness at the Site ranges from approximately 30 feet thick to approximately 50 feet thick and consists of four main units. The upper most unit is a fill layer which consists of generally reworked silty sand mixed with man-made debris. The fill unit directly overlies a lacustrine layer, or the upper glacial till layer when the lacustrine layer is absent. The lacustrine layer consists of interbedded clay and silt with some sand and gravel lenses.

The lacustrine layer overlies the upper glacial till layer which consists of generally fine to coarse-grained sand with a trace to some silt or clay and a trace of gravel. The density of the layer varies from loose in the upper portions to very dense near the base of the unit. The lower glacial till is a very dense, fine to coarse sand and clayey silt that overlies the Vernon shale bedrock. The bedrock shale is weathered and fissile and contains groundwater in the fractured upper portion.

2.6 Hydrogeology

The primary water-bearing unit at the SOH Site is the upper glacial till layer. A second, deeper, water-bearing unit is located in the uppermost highly weathered and fractured portion of the Vernon shale bedrock.

A lower permeability lacustrine clay and silt layer overlies the upper glacial till over most of the Site. In areas where the lacustrine layer is sufficiently thick and clay-rich, the upper glacial till is a semi-confined unit. In areas where the lacustrine layer is thin or absent, the water-bearing upper glacial till is overlain by permeable fill material and is unconfined.

Overburden groundwater flow is generally to the northwest, in the direction of the Genesee River.

3.0 Previous Investigations and Remedial History

Presented in this section is a summary of the results of previous investigations and remedial activities completed at the Site. A summary of each event is described in the sections below.

3.1 Summary of Previous Investigations and Remediation

During the transfer of the Site from SOH to Metalade, Inc., groundwater contamination was discovered during an environmental site assessment in 1986. Inspections revealed that poor waste handling practices and leaking drums were present on Site. Lozier Architects and Engineers, Inc. conducted another assessment in 1987 that included the installation of three overburden monitoring wells, MW-2, MW-3, and MW-5. The assessments established that overburden groundwater flows to the west-northwest, VOCs were detectable in soil and groundwater samples collected from the southwest area of the Site, and VOCs were detectable in the on-Site production wells located in the building. The NYSDEC listed the Site as a Class 2 Site in the Registry of Inactive Hazardous Waste Disposal Sites in 1989.

In 1990, the adjacent Ruby Gordon Furniture Store applied to the NYSDEC for a permit to discharge basement sump pump water to a drainage ditch. The water was analyzed for VOCs as part of the permit requirements and VOCs were detected in the sump pump water. Following discovery of VOCs in the sump pump water, a hydrogeologic investigation was conducted by Haley and Aldrich of New York. Their report concluded that the VOCs detected in the sump pump water had migrated from the SOH Site. In 1992, negotiations for a Potentially Responsible Party (PRP)-implemented Remedial Investigation/Feasibility Study (RI/FS) were unsuccessful and the Site was referred to the State Superfund (SSF) program for implementation of the RI/FS program. Ruby Gordon filed a private Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) suit against the PRPs. NYSDEC was ordered to join the suit and pursued Resource Conservation and Recovery Act (RCRA) enforcement separately.

An RI/FS was conducted by GZA GeoEnvironmental, Inc. (GZA) in two phases, from 1994 to 1995, to define the nature and extent of contamination from previous activities at the Site. RI activities included a soil vapor survey and comprehensive groundwater, surface water, and soil sampling that revealed several probable source areas of contamination. Probable sources of contamination were attributed to the 1974 fire and poor solvent handling practices, with the most impacted area identified near the loading dock area on the southwest portion of the Site. Monitoring well OW-7S was installed in this area. Other areas of concern noted were near OW-6S (the historical location of stockpiled drums), near MW-5, north and west of the Ruby Gordon Furniture Store in overburden and bedrock groundwater, and in the sump and catch basin water and sediment from the Ruby Gordon Furniture Store.

The FS Report prepared by GZA in 1996 described numerous potential remedial activities for the Site. Of the five remedies defined in the FS Report, the NYSDEC selected a preferred alternative of short-term groundwater extraction near monitoring well OW-7S, passive treatment of groundwater by zero valance iron fillings with eventual discharge to the publicly owned treatment works, excavation and off-site removal of contaminated soils, and a downgradient groundwater collection system adjacent to the Ruby Gordon Furniture Store. The NYSDEC prepared and released the Record of Decision (ROD) in 1997 that described the remedial goals for the SOH Site. The specified goals included, to the extent practicable, the elimination of the potential for direct human and animal contact with Site contaminants; reduce, control, or eliminate

the contamination within the soil and waste on Site; reduce control, or eliminate further migration of contaminated groundwater from the Site, including migration into Ruby Gordon basement sumps; and, to attain groundwater SCG values in the areas affected by the Site. In addition, the ROD included actions to remove contaminated sediments from Site sumps, lines, and catch basins, as well as decommission drainage lines from the SOH building, and regrading excavated portions of the Site.

In 1999, the Remedial Design Work Plan was prepared by the IT Corporation based on the results of the FS. NYSDEC determined that further site characterization was needed to design the remedial alternative as described in the ROD. Between 2000 and 2002, the IT Corporation implemented the Pre-Design Investigation Sampling and Analysis Work Plan, which further delineated the source area located in the loading dock area in the southwest portion of the Site. Several soil samples were collected in this area and submitted for analysis of VOCs. The highest concentrations of VOCs in the soil were found at depths 16 to 24 feet below ground surface (bgs), 30 feet bgs, and 38 to 40 feet bgs, respectively. TCE was the most prevalent VOC detected in the soil samples collected. An in-situ chemical oxidation pilot test was completed to address the removal of chlorinated solvents present in the upper till groundwater aquifer. It was concluded that ISCO instead of the ROD remedy would be effective and result in significant time and cost savings.

In 2005, the NYSDEC released the amendment to the original ROD based on investigation conducted by IT Corporation from 2000 to 2002. The ROD was amended with the implementation of ISCO to address the VOCs in the groundwater; augmented bioremediation utilizing a carbon source to destroy the VOCs; drainage improvements to minimize groundwater recharge under the Ruby Gordon Furniture Store basement; the establishment of soil gas and air sampling schedules of adjacent Site areas, and imposing groundwater use restrictions. The on-Site building was demolished, the building slumps cleaned, and the drainage lines were removed by 2006.

The URS Corporation performed additional investigation work in 2007 to further delineate the source area. These activities included the installation of 14 monitoring wells screened in the upper till aquifer, 18 additional soil borings in the southern portion of the building slab, additional soil and groundwater sampling, and hydraulic conductivity testing. The Supplemental Investigation Report was presented by URS Corporation in 2009. The report concluded that the source area and groundwater contamination plume were larger than determined from previous studies.

In 2010, GeoLogic NY, Inc. was awarded a contract for site remediation which included the construction of the injection wells and monitoring wells and the injection of sodium permanganate and molasses. Remedial activities began in January 2011. Activities included the installation of 37, 2-inch diameter injection wells and two monitoring wells. Injection wells were located in the “remediation treatment zone”, defined as the area with total VOC concentrations over 50,000 µg/L. In April 2011, the first injection 33,326 gallons of a 5 percent by weight sodium permanganate solution was introduced in all 37 injection wells. A second solution injection event was completed on August 16th, 2011 and consisted of 10,992 gallons injected into 13 injection wells (SW-5, SW-6, SW-7, SW-10, SW-12, SW-13, SW-16, SW-20, SW-29, SW-31, SW-34, SW-35 and SW-37), where the contaminant levels remained high. A third injection event was complete on November 17th, 2011, which included 11,769 gallons of solution injected into nine injection wells (SW-6, SW-8, SW-9, SW-11, SW-16, SW-17, SW-20, SW-21, and SW-26) and five monitoring wells

(URS-03, URS-07, URS-09, URS-11 and URS-12). The last event was conducted to target specific areas on site with comparatively high contamination levels. From August 21st, 2012, through August 25th, 2012, an injection event of 10 percent by weight solution of molasses was conducted involving all 37 injection wells and ten monitoring wells (URS-01, URS-03, URS-07, URS-09, URS-11, URS-12, URS-15, OW-6S, OW-7S and MW-02). A total of 7,965 gallons of molasses was injected into the wells.

Although the previous sodium permanganate and molasses injections were successful in improving groundwater quality, a significant amount of contaminated groundwater remained at the south portion of the Site. URS Corporation prepared a Focused Feasibility Study in January 2014 to evaluate options for additional groundwater remediation activities at the Site. After careful evaluation, Alternative 3, in-situ chemical oxidation and bioremediation using direct push injection was chosen. Molasses was injected into the area of the most significant residual contamination at the southern area of the Site in May 2014. A total of 1,691 gallons of 10 percent molasses solution was injected into the target area by a direct push rig.

As means of minimizing groundwater migration to the Ruby Gordon Furniture Store, poplar trees were chosen to be planted to act as a hydraulic barrier and absorb contamination. Following the clearing of the asphalt in the planting areas, 15 poplar trees were planted on October 15, 2015. Fifteen additional willow trees were planted on October 26, 2016. The Site Management Plan was prepared by URS Corporation and submitted to the NYSDEC in March 2019.

The Site has been in the post-remediation monitoring phase since 2018. Groundwater samples were collected from 42 monitoring wells and sent to Test America Laboratories, Inc for analysis using Target Compound List (TCL) VOCs by EPA 8260C. Additionally, 19 monitoring wells were sampled, and the samples were submitted for analysis using EPA Method 537 modified for per-and polyfluoroalkyl substances (PFAS) and 8 monitoring wells for EPA Method 8270 for 1,4-dioxane. Based on this sampling data, 5 wells contain total CVOC concentrations greater than 10,000 µg/L and 11 wells contain total CVOC concentrations greater than 1,000 µg/L. PFAS and 1,4-dioxane are also present at elevated concentrations in Site wells. PFAS were detected in 19 of 19 groundwater samples collected in 2020. Total PFAS concentrations range from 1.10 ng/L to 937.39 ng/L. 1,4-Dioxane was detected in 19 of 19 samples at concentrations ranging from 0.18 µg/L to 3,200 µg/L.

4.0 Supplemental Investigation

The Supplemental Investigation field activities described in this section were completed by TRC between April 2021 and May 2022 and consisted of:

- **Indoor Air Sampling**: One round of indoor air samples were collected at the Ruby Gordon Furniture Store on April 13, 2021 with samples submitted to Eurofins Environment Testing/TestAmerica (Eurofins) for analysis of VOCs (64 Compound List).
- **Ruby Gordon Sump Sampling**: One round of groundwater samples were collected from the five sumps in the lowest level of the Ruby Gordon Furniture Store on April 13, 2021 with the samples submitted to Eurofins for analysis of TCL VOCs plus 10 Tentatively Identified Compounds (TICs).
- **Private Utility Survey**: A private utility survey was completed on September 14, 2021 using geophysical investigation techniques at proposed monitoring well, direct sensing, and direct push soil boring locations prior to the start of intrusive work.
- **Direct Sensing Borings**: Advancement of 18 on-Site and four off-Site direct sensing borings (SOH-DS-01 through SOH-DS-22) from September 20, 2021 to September 30, 2021.
- **Direct Push Soil Borings**: Advancement of ten on-Site and four off-Site direct push soil borings from November 8, 2021 to November 17, 2021.
- **Discrete Groundwater Sampling**: Collection of discrete groundwater samples at 20 locations on Site and four off-Site locations via direct push methods from December 1, 2021 to December 20, 2021.
- **Monitoring Well Installation and Development**: Installation of one on-Site and four off-Site groundwater monitoring wells from November 19, 2021 to November 30, 2021.
- **Low Flow Groundwater Sampling**: Collection of one round of low flow groundwater samples from the five newly installed monitoring wells and 12 existing monitoring wells from January 4, 2022 to January 13, 2022.
- **Hydraulic Assessment**: A hydraulic assessment of groundwater elevations in monitoring wells to the north and south of the Ruby Gordon Furniture Store and groundwater in sumps located in the basement of the Ruby Gordon Furniture Store, from April 12, 2022 to May 17, 2022.
- **Treatability Testing**: Selection of soil and groundwater samples from three distinct areas of the plume (source area, mid-plume, and downgradient plume) for a treatability study to evaluate the feasibility and efficacy of ISCO as a potential groundwater and soil remedy.
- **Site Survey**: Completion of a survey of SI sampling locations on January 5, 2021 including the locations and elevations (ground surface, top of riser, and top of well casing) of the new monitoring wells and the locations and ground surface elevations of direct sensing and direct push boring locations.

Investigation Derived Waste (IDW) Management: Off-Site removal of IDW including development water, purge water, decontamination fluids, and drill cuttings was completed on August 25, 2022 by Hepaco, LLC.

4.1 Indoor Air Sampling

Indoor air samples were collected on April 13, 2021 from the Ruby Gordon Furniture Store located to the south of the Site. The original scope of work also included the collection of sub-slab vapor samples, but upon inspection of the concrete slab in the lowest level of the store, groundwater was found directly below the slab. Due to the presence of groundwater immediately below the slab, sub-slab vapor samples were not collected.

Indoor air samples were collected from six locations, five located in the lowest level, and one in the break room of the first floor of the store. One outdoor ambient air sample was collected as well. The samples were collected using SUMMA Canisters and mechanical flow regulators. Samples were submitted to Eurofins for analysis of VOCs by Method TO-15 Low Level. A summary of the analytical results is provided on **Table 1**.

4.2 Ruby Gordon Sump Sampling

An assessment of the sump pump system in the Ruby Gordon Furniture Store was completed on April 13, 2021. A visual inspection of the condition, layout, and function of the sump pump system was completed. A sketch of the layout can be found in **Attachment A**. In addition to the assessment, groundwater samples were collected from the five sumps within the store, RG-SUMP-01, RG-SUMP-02, RG-SUMP-03, RG-SUMP-04, and RG-SUMP-05. The samples were submitted to Eurofins for analysis of TCL VOCs plus 10 TICs by EPA Method 8260C. A summary of the analytical results is provided on **Table 2**.

4.3 High Concentration CVOC Plume Area Investigation

This investigation focused on the area of highest total CVOC concentrations that is located southwest of the former building. Four transects, positioned perpendicular to groundwater flow, were established in the high CVOC concentration area to investigate the nature and extent of the CVOCs in soil and groundwater, see **Figure 2**. A combination of Geoprobe® direct sensing borings, direct push soil borings, and discrete groundwater sampling borings were advanced as part of the investigation. The primary purpose of the direct sensing borings was to assess vertical contaminant distribution and hydraulic conductivity in the investigation area. The vertical profiles and information generated from the direct sensing borings was used to select the sample depths of the direct push soil, and discrete groundwater sampling borings. Details of the work are further described below.

4.3.1 Direct Sensing Borings

Direct sensing borings were advanced by Parratt Wolff, Inc. at 18 on-Site and 4 off-Site locations (SOH-DS-01 through SOH-DS-22) between September 20, 2021 and September 30, 2021 (refer to **Figure 2**). Each direct sensing boring location was hand cleared to a depth of five feet bgs prior to drilling to ensure that no potential hazards or objects were present in subsurface. Terminal depths for the borings ranged from 16 feet bgs to 42 feet bgs. A Geoprobe® MiHPT probe was utilized to collect data, such as vertical

contaminant distribution and estimated hydraulic conductivity data at each location by utilizing several self-contained probes and instruments. Logs from each boring showing photoionization detector (PID), halogen specific detector (XSD), and flameionization detector (FID) responses, electrical conductivity, and estimated hydraulic conductivity are provided in **Appendix A.** Results from the direct sensing boring logs were evaluated and the data was used to select the proposed sample intervals for the direct push soil borings discussed below in **Section 4.3.2.** The table below summarizes the co-located boring location type identifications (IDs) discussed in this section and **Sections 4.3.2**, **4.3.3**, and **4.4.4** below.

Co-located Location Identifications			
Location Type			
Direct Sense Boring	Direct Push Soil Boring	Discrete Groundwater	Monitoring Well
SOH-DS-01		SOH-DGW-01	
SOH-DS-02	SOH-SB-02	SOH-DGW-02	
SOH-DS-03	SOH-SB-03	SOH-DGW-03	
SOH-DS-04		SOH-DGW-04	
SOH-DS-05		SOH-DGW-05	
SOH-DS-06	SOH-SB-06	SOH-DGW-06	
SOH-DS-07	SOH-SB-07	SOH-DGW-07	
SOH-DS-08		SOH-DGW-08	
SOH-DS-09	SOH-SB-09	SOH-DGW-09	
SOH-DS-10	SOH-SB-10	SOH-DGW-10	
SOH-DS-11		SOH-DGW-11	
SOH-DS-12		SOH-DGW-12	
SOH-DS-13	SOH-SB-13	SOH-DGW-13	
SOH-DS-14		SOH-DGW-14	
SOH-DS-15		SOH-DGW-15	
SOH-DS-16		SOH-DGW-16	
SOH-DS-17		SOH-DGW-17	
SOH-DS-18		SOH-DGW-18	SOH-MW-08
SOH-DS-19		SOH-DGW-19	SOH-MW-09
SOH-DS-20		SOH-DGW-20	SOH-MW-10
SOH-DS-21		SOH-DGW-21	
SOH-DS-22		SOH-DGW-22	SOH-MW-07
	SOH-SB-23	SOH-DGW-23	
	SOH-SB-24	SOH-DGW-24	SOH-MW-06

Notes:

Blank cells indicate that location type not installed at that location.

4.3.2 Direct Push Soil Borings

Direct push soil borings were advanced by Parratt Wolff, Inc. at 14 locations (SOH-SB-02, SOH-SB-03, SOH-SB-06, SOH-SB-07, SOH-SB-09, SOH-SB-10, SOH-SB-13, SOH-SB-15, SOH-SB-18, SOH-SB-19, SOH-SB-20, SOH-SB-22, SOH-SB-23, and SOH-SB-24), co-located with direct sensing boring locations, using direct push drilling methods between November 8, 2021 and November 17, 2021. Refer to **Figure 2** for boring location, and the table in **Section 4.3.1** above for co-located location IDs. Soil samples were collected continuously from grade to the terminal depth of the borings, which ranged from 15 feet bgs to 37 feet bgs. Soil samples were collected utilizing either Macro-Core or Dual Tube methods based on the variations in soil type at each location. Soil samples were inspected for physical evidence of impacts and screened for the presence of VOCs with a PID. In addition, a description of the soil was logged utilizing the Unified Soil Classification System (USCS). Soil boring logs are provided in **Appendix B**.

Results from the direct sensing boring logs and field observations (visual, odor, staining, PID) of the highest observed contamination were used for the selection of soil samples for laboratory analysis. Thirty-eight soil samples were collected from the 14 direct push soil borings and submitted to Eurofins under standard chain of custody (COC) procedures for analysis of Target Compound List (TCL) VOCs plus 10 Tentatively Identified Compounds (TICs) by EPA Method 8260C and Total Organic Carbon (TOC) by EPA Method 415.3. A summary of the analytical results is provided on **Table 3**.

Quality control samples, including matrix spike and matrix spike duplicates, were collected and analyzed in accordance with the generic Quality Assurance Project Plan (QAPP).

4.3.3 Discrete Groundwater Sampling

Discrete groundwater sampling was completed by Parratt Wolff, Inc. utilizing direct push methods, at twenty on-Site locations (SOH-DS-01 through SOH-DS-17 and SOH-DS-21, SOH-DS-23, and SOH-DS-24), and 4 off-Site locations (SOH-DS-18, SOH-DS-19, SOH-DS-20, and SOH-DS-22). The discrete groundwater boring locations were co-located with direct sensing boring locations, refer to **Figure 5** for discrete groundwater sampling location, and the table in **Section 4.3.1** above for co-located location IDs. Three samples were collected from each location representative of different depths within the water table. All samples were submitted to Pace Analytical® (Pace) for analysis of TCL VOCs plus 10 TICs by EPA Method 8260C. Nine samples from three on-Site locations were also submitted to Pace for analysis of TOC by EPA Method 415.3. This data was evaluated and aided in selecting the screen zones for the permanent monitoring wells. A summary of the analytical results is provided on **Table 4**.

Quality control samples, including matrix spike and matrix spike duplicates, were collected, and analyzed in accordance with the generic QAPP.

4.3.4 Monitoring Well Installation and Development

Five overburden groundwater monitoring wells (SOH-MW-06, SOH-MW-07, SOH-MW-08, SOH-MW-09, and SOH-MW-10) were installed by Parratt Wolff, Inc. using 4.25-inch inside diameter hollow stem augers on November 18, 2021, to November 30, 2021 (refer to **Figure 3**). Refer to the table in **Section 4.3.1** above for co-located location IDs. Monitoring well SOH-MW-06 was installed to replace OW-07S which

was unable to be located and assumed to have been destroyed during Site regrading activities. Monitoring well screen intervals were selected based on results from the direct sensing borings, observations made in the field during the direct push boring soil sample collection, and historic monitoring well screen intervals. A summary of the depth of each well, approximate screen interval depths, and screen length and diameter are presented in the table below.

Monitoring Well Construction Summary Table

Monitoring Well Identification Number	Approximate Total Depth of Monitoring Well (feet bgs)	Approximate Depth of Screened Interval (feet bgs)	Monitoring Well Screen Length (feet) / Nominal Well Screen and Riser Diameter (inches)
SOH-MW-06*	30.0	20.0 – 30.0	10/2
SOH-MW-07	27.0	17.0 – 27.0	10/2
SOH-MW-08	22.0	12.0 – 22.0	10/2
SOH-MW-09	20.0	10.0 – 20.0	10/2
SOH-MW-10	20.0	10.0 – 20.0	10/2

Notes:

*Monitoring well installed to replace OW-07S which could not be located and assumed to be destroyed during Site regrading activities.

The five monitoring wells were completed at depths ranging from approximately 20.0 to 30.0 feet bgs. The monitoring wells were constructed with 2-inch diameter polyvinyl chloride (PVC) casing and 10-slot (0.010-inch) PVC well screen. A clean silica sand pack was installed in the annular space around each groundwater monitoring well screen and extended approximately two feet above the top of each well screen. A hydrated bentonite seal, varying between 0.5 feet and two feet of thickness, was placed above the sand pack and the remaining annular space was filled with bentonite/cement grout up to approximately one foot below the ground surface (to allow for placement of the concrete collar). Monitoring well construction details are included with the soil boring logs provided in **Appendix B**.

Following installation, the five newly installed groundwater monitoring wells were developed using standard surging and pumping techniques, using dedicated high-density polyethylene (HDPE) tubing and a submersible pump. Depth to groundwater was measured using an oil/water interface probe prior to well development activities. Temperature, conductivity, pH, dissolved oxygen concentration, turbidity, and oxidation reduction potential were monitored using a water quality meter during well development. The monitoring wells were considered developed once turbidity fell below 50 nephelometric turbidity units (NTUs) or 10 well volumes were removed, whichever occurred first. Development water was containerized in 55-gallon drums for off-Site disposal. The monitoring well development logs are included in **Appendix C**.

4.4 Groundwater Plume and Off-Site Impacts Evaluation

4.4.1 Long-Term Water Level Measurements

Groundwater elevations in three on-Site monitoring wells (B4/PZ-01, OW-06S, URS-15), one off-Site monitoring well (SOH-MW-09) and one Ruby Gordon Furniture Store sump (RG-SUMP-5) were assessed during a long-term monitoring event. Level TROLL 700 transducers were deployed in the four Site monitoring wells and one sump in the Ruby Gordon Furniture Store. In the monitoring wells groundwater elevations were recorded every hour, and every 30 minutes in the sump over a 5-week period.

4.4.2 Low-Flow Groundwater Sampling and Gauging

Groundwater samples were collected from twelve existing monitoring wells (URS-02, URS-04, URS-05, URS-08, URS-09, URS-15, OW-03S, OW-06S, OW-07S, B4-PZ-01, B1-PZ-03, and MW-05) and the five newly installed monitoring wells (SOH-MW-06 through SOH-MW-10) at the Site from January 4, 2022 through January 7, 2022 and January 13, 2022. Groundwater samples were collected using low-flow sampling techniques. Groundwater level measurements were collected using a water level indicator prior to sampling. Groundwater surface elevations and inferred groundwater surface elevation contours, based on measurements collected on January 4, 2022, are shown on **Figure 3**. All samples were submitted to Pace for analysis of TCL VOCs plus 10 TICs by EPA Method 8260C. A summary of the analytical results is provided on **Table 5**. Water quality readings collected during the sampling event were recorded on low-flow groundwater sampling logs by TRC and are included in **Appendix D**.

Quality control samples, including matrix spike and matrix spike duplicates, were collected, and analyzed in accordance with the generic QAPP.

4.5 Treatability Test Sampling

Three soil samples from three soil boring locations and three groundwater samples from three temporary well locations were collected and submitted to Ursus Remediation Testing and Technologies, LLC for treatability studies to evaluate the feasibility and efficacy of ISCO. The soil samples submitted were collected from SOH-SB-24 (21-30 feet bgs) representing the source area, SOH-SB-06 (13-18 feet bgs) representing the mid-plume area, and SOH-SB-23 (15-20 feet bgs) representing the downgradient area. The soil samples were collected in acetate sleeves, which were sectioned, immediately capped, and taped on each end and transmitted on ice. The groundwater samples were collected from SOH-DGW-24 (25-29 feet bgs) representing the source area, SOH-DGW-06 (14-18 feet bgs) representing the mid-plume area, and SOH-DGW-23 (14-18 feet bgs) representing the downgradient area. The groundwater samples were collected in 1-Liter amber glass jars with no headspace and transmitted on ice. The table below summarizes the soil sample location IDs, groundwater sample location IDs, and treatability test sample IDs for the source area, mid-plume, and downgradient samples.

Soil Sample Location ID	Groundwater Sample Location ID	Treatability Test ID
Source Area		
SOH-SB-24	SOH-DGS-24	TS-SA
Mid Plume		
SOH-SB-06	SOH-DGW-06	TS-MP
Downgradient		
SOH-SB-23	SOH-DGW-23	TS-DG

The first tests were completed as a screening step to assess the Total Oxidant Demand (TOD) for the three areas with TOD results reported at 48 hours and 96 hours after test initiation. The second set of tests were completed to evaluate the degradation of chlorinated hydrocarbons via ISCO with a selected dosing of activated persulfate and base (sodium hydroxide) activation based on the results of the TOD tests. The ISCO treatability studies employed loadings of 5 grams of persulfate per kilograms of soil slurry and 3.4 grams of sodium hydroxide per kilogram of soil slurry, which were set up for a 26-day reaction period. The treatability study report is provided in **Appendix H**, which describes the methods and results of the studies in detail.

4.6 Supporting Activities

4.6.1 Utility Identification and Protection

Prior to the commencement of ground-intrusive activities, TRC confirmed that the drilling subcontractor, Parratt-Wolff, Inc. contacted the One-Call Center, received/reviewed confirmation receipts from each utility, and verified mark-outs prior to intrusive work.

In addition to the public utility mark-out, a geophysical survey was conducted by GreenStar Solutions, Inc. on September 14, 2021, to identify any underground utilities in the areas of the 24 proposed direct sensing borings, direct push soil boring, discrete groundwater sampling borings, and monitoring well locations. The geophysical survey equipment consisted of a 250 MHz Ground Penetrating Radar (GPR) unit and MetroTech vLocPro2 utility locator. The geophysical survey encompassed an area extending in all directions at least five feet beyond each of the proposed boring and monitoring well locations.

Any structure detected in the subsurface within the five feet perimeter of the proposed boring locations was identified on the ground surface with spray paint including the structure depth. Results of the private utility survey are summarized in a brief utility survey report, included in **Appendix E**. Based on results of the private utility survey, two location had to be relocated by a few feet to avoid subsurface features, but this did not interfere with the integrity of the sampling location plan. No other interferences from underground utilities were detected at the remaining proposed locations.

4.6.2 Implementation of Community Air Monitoring Plan

TRC implemented a CAMP during ground-intrusive investigation activities in accordance with NYSDEC DER-10, Appendix 1A - Generic Community Air Monitoring Plan. A DustTRAK™ II aerosol monitor and a PID were positioned at locations upwind and downwind of the work areas. The CAMP was implemented during the direct sensing borings, soil borings, discrete groundwater sampling, monitoring well installation, but not during the utility survey, monitoring well development and sampling, or land surveying. The purpose of the CAMP was to monitor air upwind and downwind of the work area for potential impacts associated with the investigation activities. There were no exceedances of the CAMP action levels during the performance of the SI field activities.

4.6.3 Site Survey

Control Point Associates, Inc. P.C. (CPA), a New York State licensed land surveyor, under subcontract to TRC, completed a survey of the locations and elevations (ground surface, top of riser, and top of well casing) of the newly installed groundwater monitoring wells and the locations and elevations from the direct sensing borings, direct push borings, and discrete groundwater sampling borings. A figure with the locations surveyed can be found in **Appendix F**.

4.6.4 Investigation Derived Waste Management

IDW generated during the investigation included soil from drilling activities, and water from well development, well purging, and decontamination of sampling equipment. The IDW was placed in U.S. Department of Transportation (DOT) approved 55-gallon drums and characterized prior to being transportation. Removal and off-site disposal of the IDW was completed on August 25, 2022 by Hepaco, LLC.

5.0 Discussion of Results

This section presents a discussion of the results of the SI. The results of laboratory analyses are summarized in **Tables 1** through **Table 5**. The results of validation of the laboratory analytical data are summarized in the Data Usability Summary Reports (DUSRs) in **Appendix G**. The data validation was performed in accordance with NYSDEC requirements, including the requirements for development of DUSRs in Appendix 2B of DER-10. The complete Analytical Services Protocol (ASP) Laboratory Analytical Data Reports will be provided separately from this report as an electronic data summary. Additionally, electronic data deliverable packages have been uploaded to the NYSDEC EQuIS database.

5.1 Standards, Criteria, and Guidance Results

The regulatory SCGs used to evaluate the soil, groundwater, IA, and waste characterization analytical results are described below.

Soil – Title 6 NYCRR Part 375, Table 375-6.8(a) and (b): UUSCOs and CUSCOs; and NYSDEC Guidelines for Sampling and Analysis of PFAS Under NYSDEC's Part 375 Remedial Programs.

Groundwater – NYSDEC Division of Water Technical Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitation, Class GA; and NYSDEC Guidelines for Sampling and Analysis of PFAS Under NYSDEC's Part 375 Remedial Programs.

IA – NYSDOH Center for Environmental Health (CEH), Bureau of Environmental Exposure Investigation (BEEI), Guidance for Evaluating Soil Vapor Intrusion in the State of New York.

Sediment – NYSDEC Screening and Assessment of Contaminated Sediment, Table 5: Freshwater Sediment Guidance Values (FSGV).

Waste Characterization – Title 6 NYCRR Part 371, Table 1: Maximum Concentration of Contaminants for the Toxicity Characteristic; USEPA 40 CFR § 268.48 UTS: Nonwastewater Standard; and USEPA 40 CFR § 268.49 Alternative LDR Treatment Standards for Contaminated Soil.

5.2 Indoor Air Sampling

Six indoor air samples and one outdoor ambient air sample were collected on April 13, 2021 at the Ruby Gordon Furniture Store located to the south of the Site. The six sumps are uncovered and open to the indoor air of the Ruby Gordon Furniture store basement. A summary of the results of the analysis of the indoor air and outdoor ambient air samples is presented in **Table 1**. Trichloroethene was detected above the guidance value (2 µg/m^3) at all six indoor air sample locations. One or more VOCs were detected in each of the six indoor air and ambient samples submitted for laboratory analysis. A *NYSDOH Indoor Air Quality Questionnaire and Building Inventory* form was completed and is included as **Attachment B**. A plan view of the Ruby Gordon Furniture Store basement, and indoor air sample locations is included in the NYSDOH form. Indoor air samples SOH-IA-01 through SOH-IA-05 were all collected in the lowest level/basement of the store. The basement is a large open space with no walls or divisions and is used for storage of unbuilt furniture. The proximity of the open sumps containing groundwater, to the indoor air samples, indicates the

sumps could be a source of VOCs within the Ruby Gordon Furniture store basement. The indoor air sample SOH-IA-06 was collected in the breakroom of the first floor of the building. The operations in the Ruby Gordon Furniture Store, in the area of the break room include displaying new furniture and repairing damaged furniture. The glues, paints, other materials used in the construction of new furniture, and the paints, solvents, and glues used for repairs of furniture may be a source of off-gassing VOCs within the Ruby Gordon Furniture Store.

5.3 Ruby Gordon Sump Sampling

One groundwater sample was collected from each of the five sumps in the Ruby Gordon Furniture store on April 13, 2021. A summary of the results of the analysis of the groundwater samples is presented in **Table 2**. One or more VOCs were detected in each of the five sump samples, and one or more VOCs were detected above the Class GA guidance values in sumps RG-SUMP-01, RG-SUMP-02, RG-SUMP-04, RG-SUMP-05. Total Chlorinated Volatile Organic Compounds (CVOCs) concentrations in RG-SUMP-01 was 3,502 µg/L.

As discussed below in **Section 5.5.3,** the hydraulic gradient created by the pumping of groundwater in the Ruby Gordon Furniture Store sumps has depressed the groundwater table under the store basement slab and is causing groundwater flow towards the Ruby Gordon Furniture store as shown on **Figure 3**. This groundwater flow is likely drawing on-site contaminants in the groundwater towards the sumps, which is evident by the total CVOC concentrations of 3,502 µg/L in the sump location closest to the SOH property, RG-SUMP-01, and the CVOC exceedances in sump samples RG-SUMP-02, RG-SUMP-04, and RG-SUMP-05. There were no CVOC detections in RG-SUMP-03. **Figure 4** shows the contaminants of concern from the groundwater samples and Ruby Gordon Furniture store sumps indicating the likely migration of CVOCs from the SOH Site towards the Ruby Gordon Furniture store sumps. Additionally, **Figure 5** shows the areal extent of the total CVOC concentrations on the Site, and the migration of CVOCs towards the Ruby Gordon Furniture store sumps.

5.4 Direct Sensing Borings

Direct sensing borings were advanced along four transects, starting at the source area near SOH-MW-06 and ending at the western boundary of the Site, see **Figure 2**. Four additional direct sensing borings were advance outside of the Site boundaries. These borings are located to the NW of the Site (SOH-DS-22), to the NE of the Site (SOH-DS-18), S of the Ruby Gordon Furniture Store (SOH-DS-19), and to the SW of the Site (SOH-DS-20), see **Figure 2**.

The terminal depths of the borings ranged from 15 feet bgs at SOH-DS-19 located south of the Ruby Gordon Furniture Store, to 37 feet bgs at SOH-DS-02 located in the SW corner of the Site. Borings were terminated at depth where rig refusal was encountered. Vertical profiling was performed at each boring location utilizing a Geoprobe® MiHPT probe which provided discrete vertical contamination distribution and estimated hydraulic conductivity.

Direct sensing logs showing depth measurements; electrical conductivity; HPT injection pressure with absolute piezometric pressure profile on the secondary axis; PID, FID and XSD responses; and, estimated hydraulic conductivity (K) are provided in **Appendix A**. Responses seen on the direct sensing boring log

were low for PID, FID, and XSD in general and reflect the direct push soil boring soil analytical results discussed below. The small responses recorded on the logs, combined with in field observations, were used to help select proposed soil sample depths in the direct push soil borings discussed below.

5.5 Direct Push Soil Borings

A summary of the results of the analysis of the soil samples is presented in **Table 3**. No VOCs were detected above unrestricted or commercial soil cleanup objectives (SCOs) at all four off-site soil borings (SOH-SB-18, SOH-SB-19, SOH-SB-20, and SOH-SB-22), and at one on-site soil boring (SOH-SB-15). With the exception of SOH-SB-15, one or more VOCs, 1,1,1-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethene, Acetone, cis-1,2-Dichloroethene, Trichloroethene, and Vinyl Chloride, were detected in soil samples collected from on-site soil borings at concentrations exceeding Unrestricted and/or Commercial Use SCOs. A summary of the direct push soil sample analytical results is presented below:

Summary of Soil Analytical Results – VOCs
November 2021

Constituent	Unrestricted SCG	Concentration Range (mg/kg)	Location with Highest Detection	Frequency Exceeding SCG
VOCs				
1,1,1-Trichloroethane	0.68	ND-10	SOH-SB-09 (22-23 ft)	1/14
1,1-Dichloroethane	0.27	ND – 7.9	SOH-SB-09 (22-23 ft)	9/14
1,1-Dichloroethene	0.33	ND – 0.5	SOH-SB-06 (14-15 ft)	1/14
Acetone	0.05	ND – 0.17	SOH-SB-13 (2-3 ft)	4/14
cis-1,2-Dichloroethene	0.25	ND – 21	SOH-SB-13 (31-32 ft)	7/14
Trichloroethene	0.47	ND – 8.3	SOH-SB-10 (21-22 ft)	2/14
Vinyl chloride	0.02	ND – 0.059	SOH-SB-23 (15-16 ft)	3/14

Notes:

ND – Analyte not detected

Total organic carbon concentrations ranged from non-detect in samples SOH-SB-03 (33-34 feet bgs) and SOH-SB-07 (14-15 feet bgs) to 34,700 mg/kg in sample SOH-SB-10 (21-22 feet bgs). TOC was detected at all fourteen on-Site and off-Site locations. The soil analytical data for TOC can be found on **Table 3**. The distribution of TOC result confirms the complexity of the subsurface soils as there is not an apparent or consistent correlation between lithology or depth and total organic carbon concentrations. Based on the range of total organic carbon concentrations, the range for fraction organic carbon (FOC) is non-detect to 0.0347 with an average of approximately 0.009.

5.5.1 Discrete Groundwater Sampling

A summary of the results of the analysis of the discrete groundwater samples is presented in **Table 4**. One or more VOCs were detected at all on-Site locations with concentrations above the Class GA guidance values. On-site total CVOC concentrations ranged from 2.26 µg/L in sample SOH-DGW-03 (7-11 feet) to 437,400 µg/L in sample SOH-DGW-24 (25-29 feet). Additionally, one or more VOCs were detected at the four off-Site locations with concentrations above the Class GA guidance values. A summary of the discrete groundwater analytical results is presented below:

Summary of Discrete Groundwater Analytical Results – VOCs December 2021				
Constituent	**Class GA Value**	**Concentration Range (µg/L)**	**Location with Highest Detection**	**Frequency Exceeding SCG**
VOCs				
Acetone	50	ND – 200	SOH-DGW-21 (5-9 ft)	7/24
Benzene	1	ND – 2.5	SOH-DGW-14 (21-15 ft)	4/24
2-Butanone (MEK)	50	ND – 460	SOH-DGW-02 (13-17 ft)	17/24
Chloroethane	5	ND – 79,000	SOH-DGW-24 (15-19 ft)	15/24
1,1-Dichloroethane	5	ND – 85,000	SOH-DGW-24 (15-19)	21/24
1,2-Dichloroethane	0.6	ND – 36	SOH-DGW-23 (8-12 ft)	4/24
1,1-Dichloroethylene	5	ND – 6,600	SOH-DGW-21 (11-15 ft)	18/24
cis-1,2-Dichloroethylene	5	ND – 160,000	SOH-DGW-07 (29-33 ft)	23/24
trans-1,2-Dichloroethylene	5	ND – 400	SOH-DGW-07 (29-33 ft)	8/24
Ethyl Benzene	5	ND – 12	SOH-DGW-09 (8-12 ft)	2/24
Methylene Chloride	5	ND – 22,000	SOH-DGW-24 (15-19 ft)	16/24
Tetrachloroethylene	5	ND – 37,000	SOH-DGW-14 (9-13 ft)	14/24
Toluene	5	ND – 720	SOH-DGW-21 (11-15 ft)	6/24
1,1,1-Trichloroethane	5	ND – 230,000	SOH-DGW-21 (11-15 ft)	18/24
1,1,2-Trichloroethane	1	ND – 8.5	SOH-DGW-02 (7-11 ft)	1/24
Trichloroethylene	5	ND – 240,000	SOH-DGW-24 (25-29 ft)	18/24
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	ND – 810	SOH-DGW-11 (11-15 ft)	9/24
Vinyl Chloride	2	ND – 3,800	SOH-DGW-09 (25-29 ft)	20/24
Xylenes, total	5	ND – 520	SOH-DGW-21 (11-15 ft)	3/24

Figure 4 presents the data boxes for individual, and total CVOC concentrations detected at each location. The areal extent of total CVOC concentrations in groundwater greater than 1,000 µg/L from December 2021 to January 2022 are presented on **Figure 5**. The 2021-2022 extent of concentrations shown on **Figure 5** is similar to the historic (September 2020) extent of concentrations shown on **Figure 2**. Both show a source area near the southwest corner of the former building pad with elevated concentrations of CVOCs

extending in the direction of the predominant groundwater flow direction across the Site to the west-northwest, and southwest south toward the Ruby Gordon Furniture store.

Vertically below the Site, the highest concentrations of total CVOCs are located beneath the source area in samples SOH-DS-09 (25-29 feet bgs), SOH-SB-24 (25-29 feet bgs), SOH-DS-21 (11-15 feet bgs), and SOH-DS-07 (29-33 feet bgs) at concentrations of 236,120 µg/L, 437,400 µg/L, 280,100 µg/L, and 222,100 µg/L respectively. The total CVOC concentrations at the specific discrete groundwater sample depths is summarized on **Table 6**. Generally total CVOC concentrations decrease moving away from the source area to the west, and the highest total CVOC concentrations in the source area are in the lower till unit.

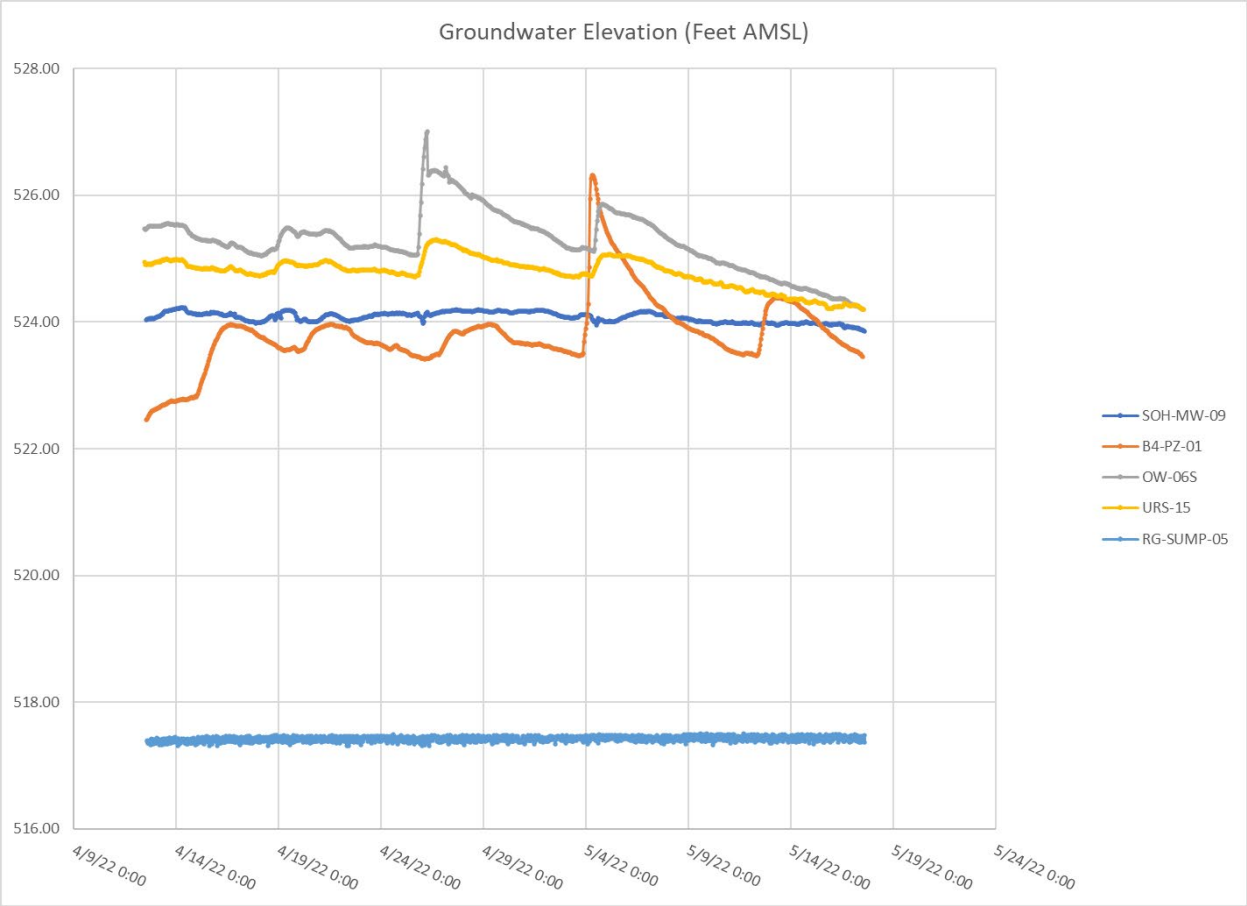
5.5.2 Low Flow Groundwater Sampling and Gauging

A summary of the results of the analysis of the low flow groundwater samples is presented in **Table 5**. One or more VOCs were detected at all on-site locations with concentrations above Class GA guidance values, with the exception of URS-2. On-site total CVOC concentrations ranged from 0.23 µg/L at B1/PZ-03 to 269,400 µg/L at SOH-MW-06. Off-site total CVOC concentrations were non-detect at SOH-MW-08, SOH-MW-10, URS-04, and URS-5, and ranged from 0.60 µg/L at SOH-MW-09 to 12.49 µg/L at SOH-MW-07. **Figure 4** presents the data boxes for specific, and total CVOC concentrations detected at each location. A summary of the low flow groundwater analytical results is presented below:

Summary of Low Flow Groundwater Analytical Results – VOCs January 2022				
Constituent	**Class GA Value**	**Concentration Range (µg/L)**	**Location with Highest Detection**	**Frequency Exceeding SCG**
VOCs				
2-Butanone (MEK)	50	ND – 590	URS-15	3/16
Chloroethane	5	ND – 4,500	SOH-MW-06	4/16
1,1-Dichloroethane	5	ND – 69,000	SOH-MW-06	7/16
1,1-Dichloroethylene	5	ND – 5,500	SOH-MW-06	5/24
cis-1,2-Dichloroethylene	5	ND – 57,000	SOH-MW-06	5/16
trans-1,2-Dichloroethylene	5	ND – 250	URS-15	3/16
Methylene Chloride	5	ND – 9,300	SOH-MW-06	3/16
Tetrachloroethylene	5	ND – 1,700	MW-05	4/16
Toluene	5	ND – 390	SOH-MW-06	1/16
1,1,1-Trichloroethane	5	ND – 120,000	SOH-MW-06	5/16
Trichloroethylene	5	ND – 1,100	SOH-MW-06	6/16
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	ND – 500	SOH-MW-06	2/16
Vinyl Chloride	2	ND – 3,900	URS-15	7/16

5.5.3 Hydraulic Assessment

Groundwater elevations in three on-site monitoring wells (B4-PZ-01, OW-06S, URS-15), one off-site monitoring well (SOH-MW-09), and one Ruby Gordon Furniture Store sump (RG-SUMP-5) were assessed during a long-term water level monitoring event. Level TROLL 700 transducers were deployed in the monitoring wells and sump in the Ruby Gordon Furniture Store. Groundwater elevations were recorded every hour in the monitoring wells, and every 30 minutes in the sump over a 5-week period and are summarized in the chart below.



Over the 5-week period, groundwater elevations in the on-Site monitoring wells ranged from a high of 527.01 feet AMSL in OW-06S to a low of 522.50 feet AMSL in B4-PZ-01. The elevations for off-Site monitoring well MW-09 fluctuated between 523.85 feet AMSL and 524.22 feet AMSL.

The groundwater elevation in the Ruby Gordon Furniture Store sump RG-SUMP-05 fluctuated between approximately 517.08 feet AMSL and 517.23 feet AMSL. The pumping frequency ranged approximately 1.5 to 2.0 hours between the starting of each pumping cycle. The duration of the pumping lasted approximately 10 seconds. A flow rate could not be calculated due to the discharge of the sumps entering sanitary sewer effluent piping inside the Ruby Gordon Furniture Store building.

The difference in groundwater elevations between the monitoring wells B4-PZ-01, OW-06S, URS-15, and SOH-MW-09 and the Ruby Gordon Furniture Store RG-SUMP-05 indicates a hydraulic low under the Ruby Gordon Furniture Store. This hydraulic low is creating a gradient inducing groundwater flow towards the Ruby Gordon Furniture Store sumps as show on **Figure 3**. The hydraulic conditions to the south of the Ruby Gordon Furniture Store are similar, with groundwater flow towards the sumps.

However, the hydraulic gradient observed between the monitoring wells on the Site and the sumps in the Ruby Gordon Furniture store appears to be localized and occur over a short distance between the edge of

the basement and the surrounding topography adjacent to the store. As evidence for this, the calculated gradient between SOH-OW-06S and RG-SUMP-01 is -0.178 ft/ft using the hydraulic gradient calculation from Darcy's Law $(h_2 – h_1)/l$ where h_1 is the groundwater elevation at SOH-OW-06S, h_2 is the groundwater elevation at RG-SUMP-01 and l is the distance between the two measuring points. Conversely, the hydraulic gradients calculated between on-site wells SOH-OW-06S and SOH-MW-06, URS-15, and B4-PZ-01 are -0.00585 ft/ft, -0.0029 ft/ft, and -0.0159 ft/ft respectively. The significant difference between the calculated gradients between Ruby Gordon Store and the gradients between on-site wells illustrates that the influence of the pumping of the sump pumps is localized to the area immediately adjacent to the building.

5.5.4 Treatability Testing

The treatability studies were completed with soil and groundwater samples from three distinct areas of the plume (source area, mid-plume, and downgradient plume). The TOD test results indicated that the base activation was successful, and that the TOD was still increasing at the final measurement of 96 hours for all three dosages of sodium persulfate. To account for the longer-term duration of the ISCO treatability study tests (3-4 weeks), the higher persulfate and base loadings were selected as 5 grams of persulfate/kilogram of soil slurry and 3.4 grams of sodium hydroxide / kilogram of soil slurry. After 26 days, the persulfate was consumed in all three samples and the pH results indicated that a lower dosing of base could likely be applied to the TS-SA and TS-MP locations. In all three samples, VOC analysis of the soils indicated that the base-activated sodium persulfate at the selected dosing was effective in reducing the CVOCs below NYSDEC Soil Cleanup Objectives Unrestricted Use standards.

5.6 Interpretation

5.6.1 Site Geology and Hydrogeology

Based on the information gathered during the SI and review of historic reports, the subsurface geology consists of an overburden unit ranging in thickness from approximately 20 to 40 feet. Overburden layers at the Site include a fill layer, a glacial lacustrine layer, an upper till layer, and a lower till layer. Based on observations in the soil borings and estimated hydraulic conductivity measurements from the direct sense boring logs, the top of the lower till unit varied between approximately 18 to 28 feet bgs below the Site. These findings are consistent with historical findings documented in the Site Management Plan (2019). Boring Logs and monitoring well construction logs are presented in **Appendix B**.

Depth to groundwater measured during the SI varied from approximately 0.57 feet below top of casing (btoc) in monitoring well SOH-MW-10, to 7.25 feet btoc in monitoring well B4-PZ-01. **Table 7** summaries the Site monitoring well survey coordinates, ground surface elevations, top of riser elevations, and depth to water measurements and associated groundwater surface elevations.

As shown in **Table 7**, during the January 04, 2022 gauging event, groundwater surface elevations in the Site monitoring wells ranged from approximately 519.07 feet above mean sea level (AMSL) in SOH-MW-07 located to the northwest of the Site to 529.57 feet AMSL in monitoring well URS-08 (located in the eastern portion of the Site). The inferred predominant groundwater flow direction, based on groundwater elevations measurements recorded on January 4, 2022, was to the west across the main portion of the Site. This is consistent with historical groundwater elevations and flow direction.

Groundwater elevations were recorded in the sumps located in the Ruby Gordon Furniture Store located along the southern border of the Site, see **Figure 3**. The elevation of the concrete slab (521.24 feet AMSL) in the lowest level of the Ruby Gordon Furniture Store was measured utilizing a laser level survey station. Using the known elevation of the top of casing (TOC) elevation of SOH-MW-10 as a reference point, the elevation of the Ruby Gordon Furniture Store basement slab was measured through the loading dock doorway. The basement slab elevation was used as the measuring point for the groundwater elevation in the sumps. The groundwater elevation in RG-SUMP-05 was 517.40 feet AMSL on April 12, 2022. As shown on **Figure 3**, along the southern edge of the Site, groundwater flows to the south from the Site to the Ruby Gordon Furniture Store. As discussed above in **Section 5.5.3**, the pumping of the sumps in the Ruby Gordon Furniture Store has depressed the water table and created a steep but localized hydraulic gradient.

5.6.2 Plume Nature and Extent

As discussed in **Section 5.5**, **5.5.1,** and **5.5.2** above, CVOC concentrations in the soil samples were low compared to CVOC concentrations in the groundwater. Additionally, CVOC concentrations in groundwater were highest aerially near the source area, and vertically in the lower till unit in the source area. As shown by the total CVOC groundwater plume on **Figure 5,** and the total CVOC concentrations at depth in each discrete groundwater sample on **Table 6,** CVOCs extend to the western, northwestern, and southern borders of the Site in the direction of groundwater flow. Total CVOC concentrations decrease horizontally and

vertically at depth in those directions. The aerial extent of 2022 total CVOC plume shown on **Figure 5** is similar to the 2020 total CVOC plume shown on **Figure 2**.

5.6.3 Offsite Migration

Overall, the extent of migration of CVOC contaminated groundwater is bound to the western and northwestern edges of the Site, with concentrations of CVOCs non detect in off-site wells URS-05, SOH-MW-07, and SOH-MW-10. To the south of the Site CVOC contaminated groundwater has migrated to the sumps in the Ruby Gordon Furniture Store, with the highest concentrations in sump RG-SUMP-01, closest to the Site edge. The total CVOC concentrations in sumps RG-SUMP-02 and RG-SUMP-04 along the southern edge of the Ruby Gordon Furniture store were below 100 µg/L and non-detect in RG-SUMP-03. To the south of the Ruby Gordon Furniture Store total CVOC concentrations in monitoring well SOH-MW-09 were 0.6 µg/L. Therefore, migration of CVOC contaminated groundwater is bound to the southern edge of the Ruby Gordon Furniture store.

5.6.4 Treatability

Similar to the PDI soil sampling results, the treatability study soil samples generally did not reveal elevated concentrations of CVOCs in soils in the baseline and control samples. This was not expected as the corresponding groundwater samples in temporary wells and nearby monitoring wells, especially in the source area and mid-plume areas, demonstrate that there are high levels of CVOCs in the dissolved phase of the groundwater. The high dissolved phase concentrations would typically be indicative of contaminant mass in free, residual or sorbed phases of contamination (*e.g.*, in the soil matrix) nearby. There are numerous possible explanations for these observations including but not limited to soil sampling locations and depths did not recover/encounter sorbed phase mass or potential contaminant mass loss during sampling/transit/storage or treatability study set up.

Due to the low-level concentrations in the treatability study soils, the theoretical oxidant demand for the soil contaminants was relatively low. Most of the theoretical persulfate demand due to the contaminants was from the contaminated groundwater. The dominant portion of the TOD was driven by the oxidizable portions of the site soils and not the site contaminants.

The TOD test results indicated that the base activation was successful, and that the TOD was still increasing at the final measurement of 96 hours for all three dosages of sodium persulfate. To account for the longer-term duration of the ISCO treatability study tests (3-4 weeks), the higher persulfate and base loadings were selected as 5 grams of persulfate/kilogram of soil slurry and 3.4 grams of sodium hydroxide / kilogram of soil slurry. After 26 days, the persulfate was consumed in all three samples and the pH results indicated that a lower dosing of base could likely be applied to the TS-SA and TS-MP locations. In all three samples, VOC analysis of the soils indicated that the base-activated sodium persulfate at the selected dosing was effective in reducing the CVOCs below NYSDEC Soil Cleanup Objectives Unrestricted Use standards.

6.0 Conclusions and Recommendations

The SI for the Stuart Olver Holtz Site was completed in general accordance with the NYSDEC Notice to Proceed dated February 27, 2020 for WA No. D009812-04, the NYSDEC-approved SI Scope of Work dated March 3, 2021, and NYSDEC DER-10. Modifications to soil boring/monitoring well locations and the sampling and analytical plan included in the Scope of Work were performed in consultation with the Department. The conclusions and recommendations, based on the results of the SI, are presented below.

6.1 Conclusions

- Geologically, the overburden units identified across the Site were the uppermost fill unit underlain by an interbedded clay and silt glaciolacustrine unit with some sand lenses, followed by the generally fine to coarse-grained sand with a trace to some silt or clay and a trace gravel upper till unit (where present), and a lower till unit with very dense, fine to coarse sand and clayey silt. These findings are consistent with the findings in the historical reporting and are consistent with the descriptions in the established Conceptual Site Model.
- Hydrogeologically, the main groundwater unit surface was encountered in the overburden, ranging from the highest elevation of 529.57 feet AMSL at URS-08 at the east edge of the Site, to the lowest elevation of 520.30 feet AMSL at URS-05 located to the west of the Site. The main groundwater flow direction is from the east to the west-northwest across the Site. The upper till unit is the main water bearing unit on the Site. These findings are consistent with the findings in the historical reporting and established Conceptual Site Model.
- The five sump pumps located in the Ruby Gordon Furniture Store basement create a significant hydraulic gradient of approximately 8 feet in vertical elevation difference between the Site groundwater surface measured in monitoring wells along the southern boundary of the Site and the groundwater surface beneath the store slab. As a result of the pumping of the five sump pumps, a component of groundwater flows from the south side of the Site towards the Ruby Gordon Furniture Store.
- A significant hydraulic gradient of -0.178 ft/ft was calculated between the Ruby Gordon Furniture store sumps and the Site. However, the steep gradient is limited and localized to an area adjacent to the Ruby Gordon Furniture store foundation. The hydraulic gradients calculated between the monitoring wells on the Site are at least an order of magnitude lower, showing that the sump pumping influence does not extend across the Site.
- CVOCs were detected in the Ruby Gordon Furniture store sumps, with the highest concentrations detected in RG-SUMP-01. This indicates that Site impacted groundwater is drawn from the Site towards the south and toward the store sumps. However, the concentrations of total CVOCs in RG-SUMP-01 are an order to two orders of magnitude lower than the concentrations in the source area. Additionally, total CVOCs in discrete groundwater and monitoring well samples from similar elevations as the RG-SUMP-01 along the southern edge of the Site, are of similar orders of magnitude or one order lower. This supports the conclusion that the pumping of the sumps is localized, and the pumping influence does not extend across the Site to the area of the plume with the highest concentration.
- Total CVOC concentrations from discrete groundwater samples at elevations above or equal to the elevation of RG-SUMP-01 along the southern edge of the Site were two orders of magnitude higher. This vertical variability of CVOC concentrations at locations within close proximity,

indicates the heterogeneity of the geologic unit, and the semi-confining nature of the glaciolacustrine clays.

- CVOCs were detected in indoor air samples in the basement of the Ruby Gordon Furniture store with TCE exceeding NYSDOH AGVs at all six locations. The steep groundwater elevation gradient between the Site and the Ruby Gordon Furniture store, created by the configuration and location of the basement and the pumping of the sumps, indicates that VOC impacted groundwater from the Site is being drawn into the sumps. The sumps containing impacted groundwater from the Site are open to the ambient air of the Ruby Gordon Furniture store basement. These conditions likely contribute multiple potential sources for VOCs in the basement that would contribute VOCs to indoor air. These results are also consistent with historical reporting.
- Aerially, total CVOC concentrations in the groundwater (based on the discrete groundwater and low flow groundwater samples) were highest in the source area near existing monitoring well SOH-OW-07S and new monitoring well SOH-MW-06. Both wells are located near the former loading docks. This observation is consistent with historical reports that describe a potential source of groundwater contamination in this area.
- The elevated concentrations of CVOC contamination in discrete groundwater in the south east corner of the property suggest that the current extent of the CVOC plume is not fully delineated to the southeast of the Site between the Site boundary and the Ruby Gordon Furniture store.
- Based on the discrete groundwater and low-flow groundwater samples collected vertically below the Site, total CVOC concentrations in the groundwater were highest in the lower-till unit near monitoring well SOH-MW-06, located near the former source area.
- A significant source of CVOC contamination was not detected in the saturated soil in the study area. CVOC concentration in the soil samples collected from both on and off-site locations were reported as low to non-detect. Similarly, elevated concentrations of CVOCs were not detected in saturated soil samples collected in the former source area near the former loading docks.
- While the soil data did not identify a DNAPL source of CVOCs in soil, the concentrations of several CVOCs detected in the groundwater in the former source area exceed the 1 percent pure phase solubility rule of thumb for multiple CVOC compounds including PCE, TCE, 1,1,1,-TCA, and cis-1,2-DCE. This data suggests potential presence of DNAPL in the subsurface, which could serve as a continuing source of contamination to the groundwater.
- Overall, the nature and extent of the total CVOCs in groundwater plume in January 2022 were similar to the nature and extent of the total CVOCs in the groundwater plume in September 2020.
- The total CVOC impacts in the groundwater appear to be reduced under the foundation and pad of the former building. This is likely due to the previous Remedial Actions.
- The lateral distribution of the total CVOC plume decreases to the north and west of the site. This is consistent with historical reporting. The Conceptual Site Model suggests that off-site migration of CVOC contaminated groundwater to the west and northwest of the Site is limited by the thickening of the semi-confining glaciolacustrine unit and the thinning of the more transmissive upper till unit from the southeast to the northwest of the Site.

6.2 Recommendations

Based on the results, findings, and conclusions of the Stuart Olver Holtz SI, the recommendations in the 2005 Explanation of Significant Differences (ESD), and the completed Enhanced In-Situ Bioremediation

to address CVOCs under the former building slab, a sequenced ISCO injection program utilizing permanent remediation wells with on-site groundwater recirculation or push-pull techniques is recommended for the plume. The proposed ISCO injection program would incorporate the following:

- Permanent remediation wells that are designed for multiple rounds of injection and for multiple purposes (injection, extraction, varying chemistries)
- Utilizing extracted groundwater for injection mixtures and reinjection. This is beneficial for water reuse, reducing treated/off-site water consumption, distribution manipulation and control, and managing geochemical conditions.
- The combination of permanent remediation wells and recirculation of Site groundwater will minimize the uncertainties associated with contaminant mass, contaminant mixture composition, contaminant and amendment transport/distribution/control, contaminant treatment effectiveness, and contaminant back diffusion (also known as rebound).
- Recommended is the use of temporary above ground tanks for storage and mixing plus temporary distribution manifolds with skid mounted pumping equipment and hosing running along the ground surface. Injections would need to be performed during non-winter conditions to minimize freeze prevention measures.
- Utilizing a phased or sequenced approach will be advantageous and allow for targeting the highest concentration areas first while obtaining field-scale data (e.g., volumetric loadings, effective porosity, hydraulic conductivity, well spacing, well screen design, reagent dosing/distribution/retardation/consumption, buffering/activation, etc.) to apply to any required expansion areas or lower concentration areas subsequently.
- The field data and remediation well infrastructure would be available to utilize for subsequent polishing events with ISCO or Enhanced In-Situ Bioremediation, if necessary.

In addition to the proposed ISCO injection program detailed above, the following activities are recommended based on conclusions from the SI.

- Five soil gas probe sampling points should be installed around the perimeter of the Ruby Gordon Furniture store building to evaluate soil vapor conditions around the building. One location to the west, north, and east of the Ruby Gordon Furniture store, and two locations to the south of the store.
- Two additional sampling locations consisting of co-located soil borings/discrete groundwater sample borings/monitoring well, should be installed to the southeast of the Site between the Site boundary and the Ruby Gordon Furniture store to fill data gaps and further delineate the extent of the CVOC plume. The two new locations will be to the southeast of the Site in line with boring transects C – C' and D – D', respectively.
- The sumps in the basement of the Ruby Gordon Furniture store should be properly sealed at the surface of the concrete floor. The intent of the seal is to eliminate the potential for VOC impacted groundwater in the sumps from impacting the indoor air quality.

A Pre-Design Investigation and Pre-Design Investigation Report are also recommended for the Sequenced ISCO Remedial Action and would include the following:

- The available Site data including lithology, direct-sensing data, discrete soil and groundwater data, groundwater elevations, and estimated hydraulic conductivities should be compiled for the on-site

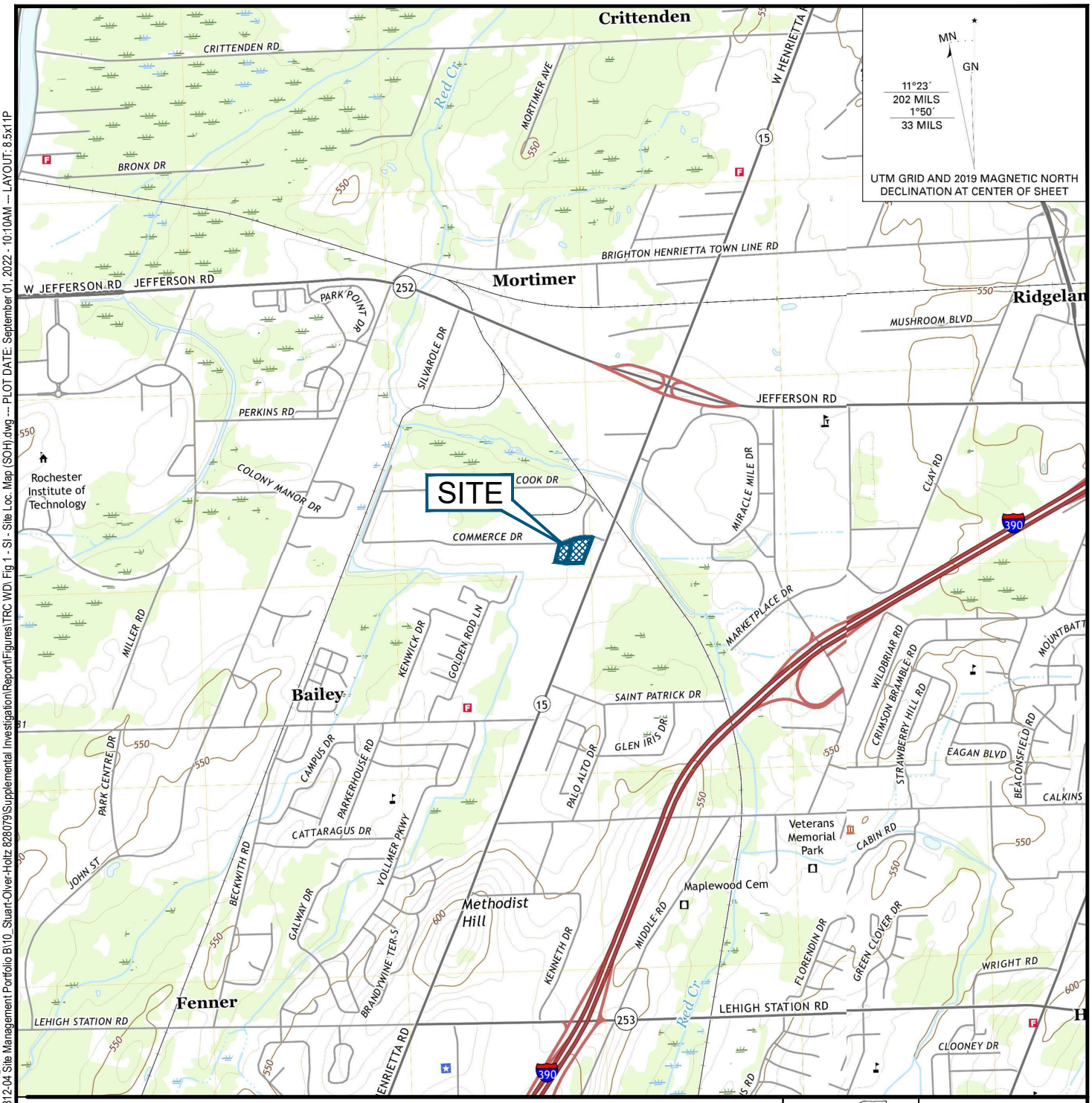
portion of the property into detailed cross sections and 3-dimensional visualization software to improve the Conceptual Site Model, understanding of contaminant mass and distribution, and assess whether any additional data gaps remain.

- Groundwater elevation contour maps and groundwater plume maps should be prepared for the different lithological units (or elevation horizons) to improve the understanding of connectivity, potential transport pathways, and contaminant distribution.
- Additional hydrogeological data should be obtained through a series of slug tests and step draw-down tests to assess variability of hydraulic conductivities in the various zones with a special focus on the lower till units.
- A pilot test, incorporating ISCO and recirculation, is recommended to collect additional injection delivery, groundwater extraction, and field-scale treatment data prior to the expansion of the proposed remedial strategy.

7.0 References

- 6 NYCRR 375, Remedial Program Requirements.
- 6 NYCRR 703, Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations.
- New York State Department of Environmental Conservation (NYSDEC), Division of Environmental Remediation (DER)-10, Technical Guidance for Site Investigation and Remediation, May 2010.
- New York State Department of Environmental Conservation, Division of Environmental Remediation, Bureau of Program Management Work Assignment (WA) Notice to Proceed, September 17, 2020.
- TRC Engineers, Inc. Standby Engineering Contract Work Assignment (WA) No. D009812-12, NYSDEC-approved Scope of Work dated March 5, 2021 (approved March 15, 2021).
- URS Corporation. Stuart Olver Holt Site, Monroe County, Town of Henrietta, NY, Site Management Plan, NYSDEC Site Number: 828079. March 2019.

FIGURES



SCALE: 1:2400

1 0.5 0 KILOMETERS 1 2

1000 500 0 METERS 1000 2000

1 0.5 0 1

MILES

1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

FEET



QUADRANGLE LOCATION

MAP INCLUDES INFORMATION FROM THE FOLLOWING MAP SHEET(S):
TP, WEST HENRIETTA, NY, 7.5 MINUTE DATED 2019,
E, PITTSFORD, NY, 7.5 MINUTE DATED 2019.

MAP OBTAINED THROUGH USE OF TOPOVIEW WITH THE INTERFACE CREATED BY THE NATIONAL GEOLOGIC MAP DATABASE PROJECT (NGMDB), IN SUPPORT OF THE TOPOGRAPHIC MAPPING PROGRAM, MANAGED BY THE USGS NATIONAL GEOSPATIAL PROGRAM (NGP).

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PROJECT:

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
STUART OLVER HOLTZ SITE - SITE NO. 828079
HENRIETTA, NEW YORK

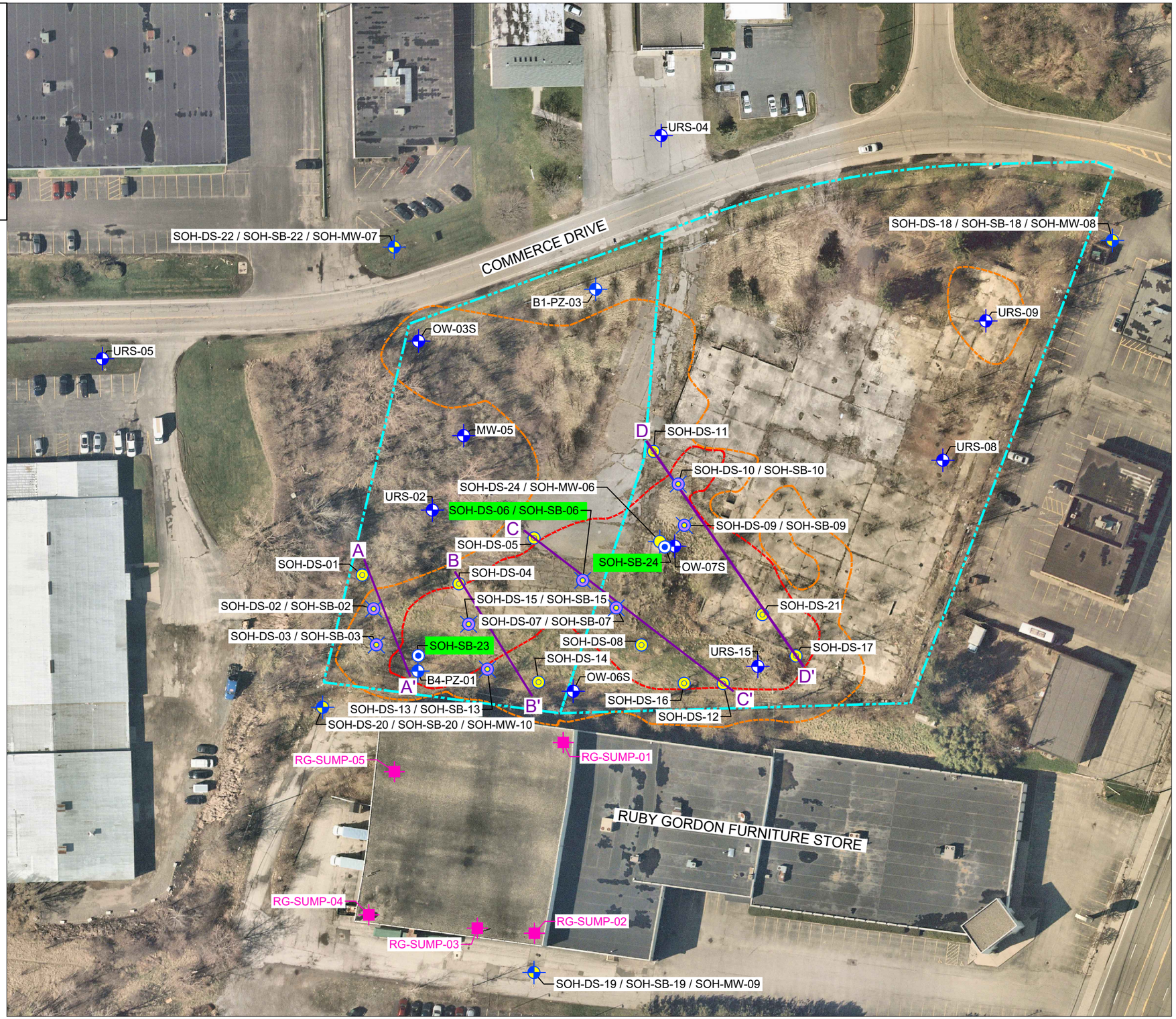
TITLE:

SUPPLEMENTAL INVESTIGATION
SITE LOCATION MAP

DRAWN BY:	H. DELGADO
CHECKED BY:	J. BONE
APPROVED BY:	N. KRANES
DATE:	SEPTEMBER 2022
PROJ. NO.:	386554.0000.0000
FILE:	Fig 1 - SI - Site Loc. Map (SOH).dwg

FIGURE 1

8.5x11 -- ATTACHED XREFS: -- ATTACHED IMAGES: NY_Pittsford_20190920_TM, NY_West Henrietta_20190920_TM
DRAWING NAME: B:\Projects\NYSDEC\D009812\Work Assignments\D009812-04 Site Management Portfolio B\10_Stuart-Olver-Holtz 828079\Supplemental Investigation\Report\Figures\TRC WD\ Fig 1 - SI - Site Loc. Map (SOH).dwg -- PLOT DATE: September 01, 2022 - 10:10AM -- LAYOUT: 8.5x11P



LEGEND (SYMBOLS NOT TO SCALE):

- TAX PARCEL BOUNDARY
- OVERBURDEN MONITORING WELL LOCATION
- DIRECT PUSH SOIL BORING LOCATION
- DIRECT SENSING BORING LOCATION
- DIRECT PUSH AND DIRECT SENSING BORING LOCATION
- DIRECT SENSING BORING AND MONITORING WELL LOCATION
- DIRECT PUSH, DIRECT SENSING BORING, AND MONITORING WELL LOCATION
- TREATABILITY SAMPLE LOCATION
- APPROXIMATE SUMP PUMP LOCATION
- # —— #' DIRECT SENSE BORING TRANSECT

TOTAL CHLORINATED VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER - SEPTEMBER 2020:

- ESTIMATED PLUME EXTENT OF 1,000 µg/L (56,000 SQ. FT.)
- ESTIMATED PLUME EXTENT OF 100,000 µg/L (33,000 SQ. FT.)

NOTES:

1. LOCATIONS AND DIMENSIONS OF PHYSICAL FEATURES AND TAX PARCEL BOUNDARIES ARE APPROXIMATE.
2. MONITORING WELL AND SOIL BORING LOCATIONS FROM DWG. NO. 22-0111 TITLED "JANUARY 2022 SAMPLE LOCATION SURVEY" BY C.T. MALE ASSOCIATES DATED JANUARY 6, 2022.
3. BASE MAP IMAGERY SOURCED FROM NEARMAP DATED 2020.
4. µg/L - MICROGRAMS PER LITER.

0 80' 160'

SCALE: 1" = 80'
SHEET SIZE: 11" BY 17"

PROJECT:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
STUART OLVER HOLTZ SITE - SITE NO. 828079
HENRIETTA, NEW YORK

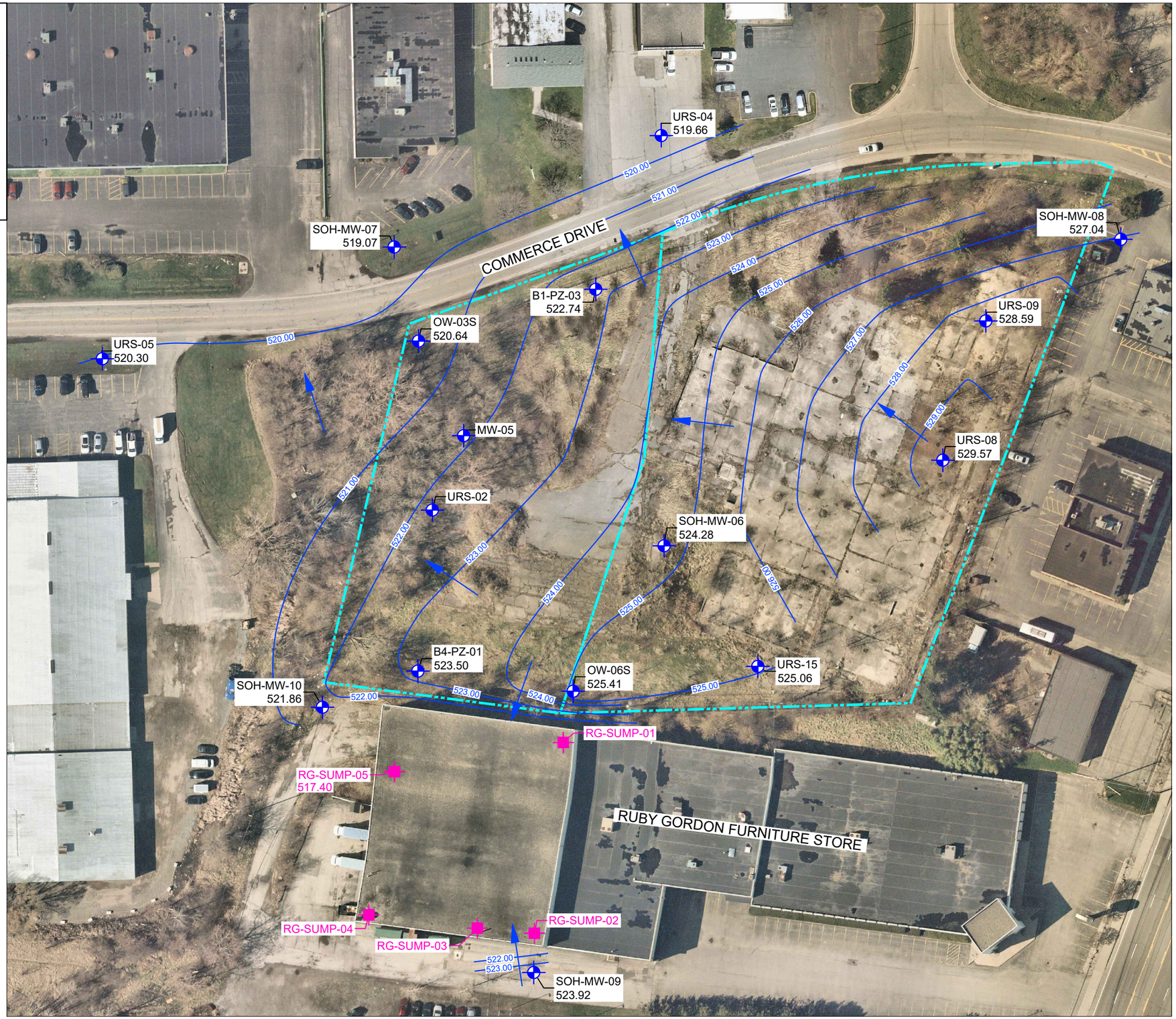
TITLE:
SUPPLEMENTAL INVESTIGATION SAMPLE LOCATION PLAN

DRAWN BY:	H. DELGADO	PROJ NO.:	386554.0000.0000
CHECKED BY:	J. BONE		
APPROVED BY:	N. KRANES		**FIGURE 2**
DATE:	SEPTEMBER 2022		

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FILE NO.: Fig 2 - SI - Sample Loc. Plan (SOH).dwg

1x17 -- USER: rDelgado -- ATTACHED XREFS: -- ATTACHED IMAGES: EPSG:2262, Fig_SOH_Total_CVOC_Plume_081920971, Fig_SOH_Total_CVOC_Plume_081920971, Fig_SOH_Total_CVOC_Plume_081920981, Fig_SOH_Total_CVOC_Plume_081920980, Fig_SOH_Total_CVOC_Plume_081920984, Fig_SOH_Total_CVOC_Plume_081920987, Fig_SOH_Total_CVOC_Plume_081920971, Fig_SOH_Total_CVOC_Plume_081920974, Fig_SOH_Total_CVOC_Plume_081920977, Fig_SOH_Total_CVOC_Plume_081920981, Fig_SOH_Total_CVOC_Plume_081920980, Fig_SOH_Total_CVOC_Plume_081920984, Fig_SOH_Total_CVOC_Plume_081920987, Fig_SOH_Total_CVOC_Plume_081920971
DRAWING NAME: B:\Projects\NYSDEC\D009812\Work Assignments\D009812-04 Site Management Portfolio B\10_Stuart Olver Holtz 828079\Supplemental Investigation\Report Figures\TRC WD\ Fig 2 - SI - Sample Loc. Plan (SOH).dwg — PLOT DATE: September 23, 2022 - 3:20PM — LAYOUT: 11x17L
Version: 2017-10-21



LEGEND (SYMBOLS NOT TO SCALE):

- TAX PARCEL BOUNDARY
- OVERBURDEN MONITORING WELL LOCATION
- APPROXIMATE SUMP PUMP LOCATION
- 524 — GROUNDWATER SURFACE ELEVATION CONTOUR (1.0 FOOT INTERVAL)
- 524.66 — GROUNDWATER SURFACE ELEVATION (FEET AMSL)
- ESTIMATED GROUNDWATER FLOW DIRECTION

NOTES:

1. LOCATIONS AND DIMENSIONS OF PHYSICAL FEATURES AND TAX PARCEL BOUNDARIES ARE APPROXIMATE.
2. MONITORING WELL AND SOIL BORING LOCATIONS FROM DWG. NO. 22-0111 TITLED "JANUARY 2022 SAMPLE LOCATION SURVEY" BY C.T. MALE ASSOCIATES DATED JANUARY 6, 2022.
3. BASE MAP IMAGERY SOURCED FROM NEARMAP DATED 2020.
4. AMSL - ABOVE MEAN SEA LEVEL.

0 80' 160'

SCALE: 1" = 80'
SHEET SIZE: 11" BY 17"

PROJECT:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
STUART OLVER HOLTZ SITE - SITE NO. 828079
HENRIETTA, NEW YORK

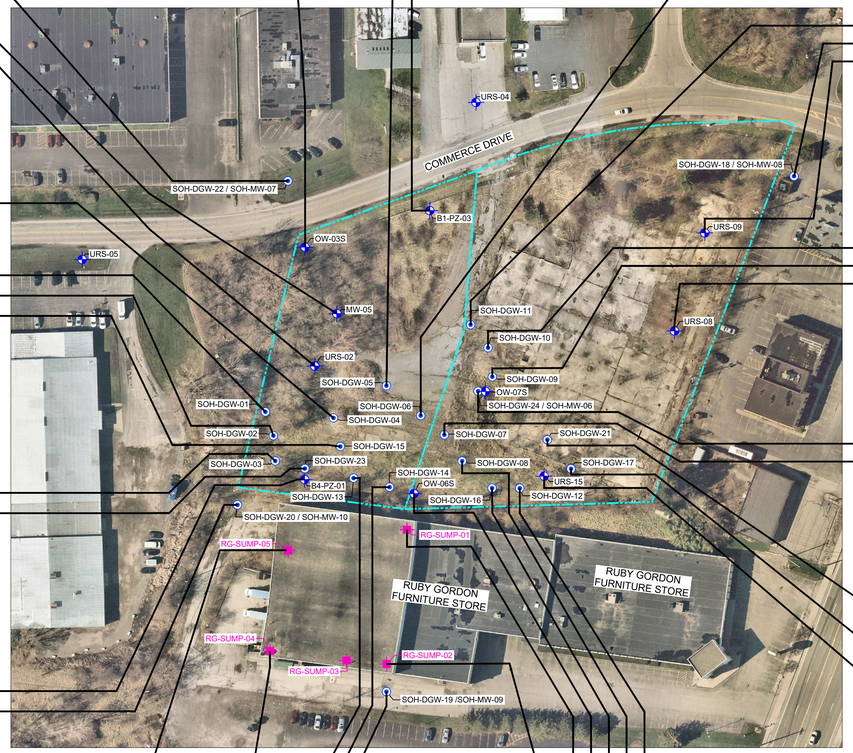
TITLE: **SUPPLEMENTAL INVESTIGATION**
GROUNDWATER SURFACE ELEVATION
CONTOUR MAP - JANUARY 4, 2022

DRAWN BY:	H. DELGADO	PROJ NO.:	386554.0000.0000
CHECKED BY:	J. BONE		**FIGURE 3**
APPROVED BY:	N. KRANES		
DATE:	SEPTEMBER 2022		

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FILE NO.: Fig 3 - SI - GW SEC Map-01.04.2022 (SOH).dwg

11:17 - USER: rDelvalle -- ATTACHED XREFS: -- ATTACHED IMAGES: EP6320920; Fig_SOH_Total_CVOC_Plume_08192039371; Fig_SOH_Total_CVOC_Plume_08192039381; Fig_SOH_Total_CVOC_Plume_08192039391; Fig_SOH_Total_CVOC_Plume_08192039821; Fig_SOH_Total_CVOC_Plume_08192039841; Fig_SOH_Total_CVOC_Plume_08192039861; Fig_SOH_Total_CVOC_Plume_08192039871; Fig_SOH_Total_CVOC_Plume_08192039881; Fig_SOH_Total_CVOC_Plume_08192039891; Fig_SOH_Total_CVOC_Plume_08192039901; Fig_SOH_Total_CVOC_Plume_08192039911; Fig_SOH_Total_CVOC_Plume_08192039921; Fig_SOH_Total_CVOC_Plume_08192039931; Fig_SOH_Total_CVOC_Plume_08192039941; Fig_SOH_Total_CVOC_Plume_08192039951; Fig_SOH_Total_CVOC_Plume_08192039961; Fig_SOH_Total_CVOC_Plume_08192039971; Fig_SOH_Total_CVOC_Plume_08192039981; Fig_SOH_Total_CVOC_Plume_08192039991; Fig_SOH_Total_CVOC_Plume_08192039992; Fig_SOH_Total_CVOC_Plume_08192039993; Fig_SOH_Total_CVOC_Plume_08192039994; Fig_SOH_Total_CVOC_Plume_08192039995; Fig_SOH_Total_CVOC_Plume_08192039996; Fig_SOH_Total_CVOC_Plume_08192039997; Fig_SOH_Total_CVOC_Plume_08192039998; Fig_SOH_Total_CVOC_Plume_08192039999; Fig_SOH_Total_CVOC_Plume_08192039974; Fig_SOH_Total_CVOC_Plume_08192039975; -- ATTACHED XREFS: -- ATTACHED IMAGES: EP6320920; Fig_SOH_Total_CVOC_Plume_08192039371; Fig_SOH_Total_CVOC_Plume_08192039381; Fig_SOH_Total_CVOC_Plume_08192039391; Fig_SOH_Total_CVOC_Plume_08192039821; Fig_SOH_Total_CVOC_Plume_08192039841; Fig_SOH_Total_CVOC_Plume_08192039861; Fig_SOH_Total_CVOC_Plume_08192039871; Fig_SOH_Total_CVOC_Plume_08192039881; Fig_SOH_Total_CVOC_Plume_08192039891; Fig_SOH_Total_CVOC_Plume_08192039901; Fig_SOH_Total_CVOC_Plume_08192039911; Fig_SOH_Total_CVOC_Plume_08192039921; Fig_SOH_Total_CVOC_Plume_08192039931; Fig_SOH_Total_CVOC_Plume_08192039941; Fig_SOH_Total_CVOC_Plume_08192039951; Fig_SOH_Total_CVOC_Plume_08192039961; Fig_SOH_Total_CVOC_Plume_08192039971; Fig_SOH_Total_CVOC_Plume_08192039981; Fig_SOH_Total_CVOC_Plume_08192039991; Fig_SOH_Total_CVOC_Plume_08192039992; Fig_SOH_Total_CVOC_Plume_08192039993; Fig_SOH_Total_CVOC_Plume_08192039994; Fig_SOH_Total_CVOC_Plume_08192039995; Fig_SOH_Total_CVOC_Plume_08192039996; Fig_SOH_Total_CVOC_Plume_08192039997; Fig_SOH_Total_CVOC_Plume_08192039998; Fig_SOH_Total_CVOC_Plume_08192039999; Fig_SOH_Total_CVOC_Plume_08192039974; Fig_SOH_Total_CVOC_Plume_08192039975;
DRAWING NAME: B:\Projects\NYSDEC\D0098121\Work Assignments\D0098121.04 Site Management Portfolio B\10_Stuart-Olver-Holtz 828079\Supplemental Investigation\Report\Figures\TRC WD\ Fig 3 - SI - GW SEC Map-01.04.2022 (SOH).dwg -- PLOT DATE: September 29, 2022 - 3:07PM -- LAYOUT: 11x17L
Version: 2017-10-21



Location	MW-5
Date	1/6/2022
Screen Zone (ft. bgs)	N/A
CVOCs	µg/L
Chloroethane	15
1,1-Dichloroethane	580
1,1-Dichloroethylene	80
cis-1,2-Dichloroethylene	1100
trans-1,2-Dichloroethylene	8.6
Tetrachloroethylene	1700
1,1,1-Trichloroethane	120
Trichloroethylene	670
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	11
Vinyl Chloride	130
Total CVOCs	4414.6

Location	URS-2
Date	1/7/2022
Screen Zone (ft. bgs)	15-20
CVOCs	µg/L
Bromodichloromethane	0.38
Chlorodibromomethane	0.18
Chloroform	0.95
1,1-Dichloroethane	0.63
Vinyl Chloride	0.79
Total CVOCs	2.93

Location	SOH-DGW-01		
Date	12/9, 12/15/2021		
Sample Depth (ft. bgs)	6-10	21-25	33-37
CVOCs	µg/L		
1,1-Dichloroethane	350	2100	250
1,2-Dichloroethane	2.5	ND	ND
1,1-Dichloroethylene	0.98	4.5	ND
cis-1,2-Dichloroethylene	1.9	5.5	11
Methylene Chloride	ND	14	13
1,1,1-Trichloroethane	2.6	6.0	ND
Trichloroethene	0.82	ND	ND
Total CVOCs	358.8	2130	274

Location	SOH-DGW-02		
Date	12/2, 12/3, 12/6/2021		
Sample Depth (ft. bgs)	7-11	13-17	33-37
CVOCs	µg/L		
Chloroethane	9.0	220	4.1
Chloroform	ND	ND	0.42
1,1-Dichloroethane	290	11000	73
1,2-Dichloroethane	10	ND	ND
1,1-Dichloroethylene	7.6	720	2.9
cis-1,2-Dichloroethylene	23	720	6.5
trans-1,2-Dichloroethylene	1.0	44	ND
Methylene Chloride	ND	ND	0.56
1,1,1-Trichloroethane	46	120	13
1,1,2-Trichloroethane	8.5	ND	ND
Trichloroethylene	2.7	ND	0.32
Vinyl Chloride	ND	24	1.0
Total CVOCs	397.8	12848	101.8

Location	SOH-DGW-03		
Date	12/9, 12/16/2021		
Sample Depth (ft. bgs)	7-11	13-17	30-34
CVOCs	µg/L		
Chloroethane	ND	ND	50
1,1-Dichloroethane	1.6	410	890
1,1-Dichloroethylene	ND	11	18
cis-1,2-Dichloroethylene	0.66	1300	290
trans-1,2-Dichloroethylene	ND	9.4	ND
Methylene Chloride	ND	17	7.5
Vinyl Chloride	ND	170	57
Total CVOCs	2.26	1917.4	1312.5

Location	B4-PZ-1
Date	1/7/2022
Screen Zone (ft. bgs)	7-22
CVOCs	µg/L
1,1-Dichloroethane	8.7
1,1-Dichloroethylene	4.4
cis-1,2-Dichloroethylene	1.6
trans-1,2-Dichloroethylene	0.21
1,1,1-Trichloroethane	21
Trichloroethylene	1.2
Total CVOCs	37.11

Location	SOH-DGW-13		
Date	12/8, 12/9/2021		
Sample Depth (ft. bgs)	7-11	12-16	30-34
CVOCs	µg/L		
Chloroethane	1.6	6.6	ND
1,1-Dichloroethane	44	510	16
1,1-Dichloroethylene	1.0	50	1.0
cis-1,2-Dichloroethylene	31	250	11
trans-1,2-Dichloroethylene	0.2	1.2	ND
Tetrachloroethylene	ND	230	17
1,1,1-Trichloroethane	0.37	58	3.5
Trichloroethylene	1.6	230	3.8
Vinyl Chloride	5.3	19	1.2
Total CVOCs	85.07	1354.8	53.5

Location	SOH-DGW-14		
Date	12/8, 12/9, 12/15/2021		
Sample Depth (ft. bgs)	9-13	21-25	31-35
CVOCs	µg/L		
Chloroethane	ND	5.1	74
1,1-Dichloroethane	3000	480	3500
1,1-Dichloroethylene	170	14	8
cis-1,2-Dichloroethylene	320	200	21
Methylene Chloride	ND	14	16
Tetrachloroethylene	37000	110	ND
1,1,1-Trichloroethane	100	18	17
Trichloroethylene	1500	71	ND
Vinyl Chloride	ND	3.9	ND
Total CVOCs	42090	916	3636

Location	MW-7	
Date	1/4/2022	
Screen Zone (ft. bgs)	17-27	
CVOCs	µg/L	
cis-1,2-Dichloroethylene	0.26	
Trichloroethylene	0.20	
Vinyl Chloride	12	
Total CVOCs	12.46	

Location	SOH-DGW-22		
Date	12/17/2021		
Sample Depth (ft. bgs)	3-7	14-18	19-23
CVOCs	µg/L		
1,1-Dichloroethane	ND	3.4	ND
cis-1,2-Dichloroethylene	ND	7.1	ND
1,1,1-Trichloroethane	ND	0.99	ND
Trichloroethylene	ND	11	0.22
Vinyl Chloride	ND	9.2	0.6
Total CVOCs	0	31.69	0.82

Location	SOH-DGW-04		
Date	12/10, 12/13/2021		
Sample Depth (ft. bgs)	9-13	15-19	26-30
CVOCs	µg/L		
Chloroethane	ND	ND	11
1,1-Dichloroethane	160	300	400
1,2-Dichloroethane	ND	ND	2.7
1,1-Dichloroethylene	1.9	17	27
cis-1,2-Dichloroethylene	110	14	230
trans-1,2-Dichloroethylene	1.2	0.44	ND
Methylene Chloride	10	ND	2.9
1,1,1-Trichloroethane	1.4	2.3	ND
Trichloroethylene	47	7.0	ND
Vinyl Chloride	ND	3.4	6.5
Total CVOCs	331.5	344.14	680.1

Location	SOH-DGW-15		
Date	12/8, 12/9/2021		
Sample Depth (ft. bgs)	9-13	21-25	31-35
CVOCs	µg/L		
1,1-Dichloroethane	40	27	5.3
1,1-Dichloroethylene	2.6	0.62	ND
cis-1,2-Dichloroethylene	33	2.2	0.18
trans-1,2-Dichloroethylene	2.2	ND	ND
Methylene Chloride	4.4	ND	ND
Tetrachloroethylene	250	28	ND
1,1,1-Trichloroethane	12	2.3	ND
Trichloroethylene	3.3	2.1	ND
Vinyl Chloride	1.2	ND	ND
Total CVOCs	348.7	62.22	5.48

Location	SOH-DGW-23		
Date	12/13/2021		
Sample Depth (ft. bgs)	8-12	15-19	25-29
CVOCs	µg/L		
Chloroethane	62	18	ND
1,1-Dichloroethane	3600	1800	11
1,2-Dichloroethane	36	20	ND
1,1-Dichloroethylene	340	110	2.2
cis-1,2-Dichloroethylene	2500	3100	11
trans-1,2-Dichloroethylene	42	20	ND
Methylene Chloride	26	ND	0.68
1,1,1-Trichloroethane	720	38	15
Trichloroethylene	6.5	ND	ND
Vinyl Chloride	290	250	0.85
Total CVOCs	7622.5	5356	40.73

Location	SOH-DGW-20		
Date	12/16/2021		
Sample Depth (ft. bgs)	7-11	11-15	16-20
CVOCs	µg/L		
1,1-Dichloroethane	3.2	0.68	ND
cis-1,2-Dichloroethylene	6.0	0.39	0.23
Trichloroethylene	1.7	ND	ND
Total CVOCs	10.9	1.07	0.23

Location	RG-SUMP-05
Date	4/13/2021
CVOCs	µg/L
1,1,1-Trichloroethane	61
1,1-Dichloroethane	200
1,1-Dichloroethene	21
Chloroethane	1.8
cis-1,2-Dichloroethene	200
Tetrachloroethene	83
Trichloroethene	73
Vinyl chloride	5.2
Total CVOCs	645

Location	RG-SUMP-04
Date	4/13/2021
CVOCs	µg/L
1,1,1-Trichloroethane	3.6
1,1-Dichloroethane	11
1,1-Dichloroethene	0.51
cis-1,2-Dichloroethene	12
Tetrachloroethene	2.2
Trichloroethene	8
Total CVOCs	36.81

Location	RG-SUMP-02
Date	4/13/2021
CVOCs	µg/L
1,1,1-Trichloroethane	3.6
1,1,2-Trichloro- 1,2,2-trifluoroethane	4.7
1,1-Dichloroethane	7.3
1,1-Dichloroethene	0.91
cis-1,2-Dichloroethene	17
Tetrachloroethene	2
Trichloroethene	69
Total CVOCs	104.51

Location	RG-SUMP-01
Date	4/13/2021
CVOCs	µg/L
1,1,1-Trichloroethane	1200
1,1-Dichloroethane	340
1,1-Dichloroethene	82
cis-1,2-Dichloroethene	630
Tetrachloroethene	580
Trichloroethene	670
Total CVOCs	3502

Location	MW-9
Date	1/5/2022
Screen Zone (ft. bgs)	10-20
CVOCs	µg/L
Dichlorodifluoromethane (Freon 12)	0.60
Total CVOCs	0.60

Location	OW-6S
Date	1/13/2022
Screen Zone (ft. bgs)	9-13.5
CVOCs	µg/L
1,1-Dichloroethane	46
cis-1,2-Dichloroethylene	2000
trans-1,2-Dichloroethylene	18
Methylene Chloride	33
Tetrachloroethylene	32
Trichloroethylene	58
Vinyl Chloride	74
Total CVOCs	2261

Location	SOH-DGW-19		
Date	12/16/2021		
Sample Depth (ft. bgs)	7-11	11-15	16-20
CVOCs	µg/L		
Dichlorodifluoromethane (Freon 12)	0.52	ND	ND
1,1-Dichloroethane	12	110	0.86
1,1-Dichloroethylene	ND	3.2	ND
cis-1,2-Dichloroethylene	6.0	300	0.55
Tetrachloroethylene	0.89	ND	ND
1,1,1-Trichloroethane	ND	3.4	ND
Trichloroethylene	ND	9.3	ND
Vinyl Chloride	ND	19	ND
Total CVOCs	19.41	444.9	1.41

Location	OW-3S		
Date	1/7/2022		
Screen Zone (ft. bgs)	18-22.5		
CVOCs	µg/L		
Chloroethane	5.4		
1,1-Dichloroethane	480		
1,1-Dichloroethylene	48		
cis-1,2-Dichloroethylene	490		
trans-1,2-Dichloroethylene	1.5		
Methylene Chloride	4.3		
Trichloroethylene	10		
Vinyl Chloride	11		
Total CVOCs	1050.2		

Location	SOH-DGW-05		
Date	12/7, 12/8/2021		
Sample Depth (ft. bgs)	7-11	12-16	29-33
CVOCs	µg/L		
Chloroethane	ND	35	29
1,1-Dichloroethane	1.5	1700	410
1,1-Dichloroethylene	0.40	42	33
cis-1,2-Dichloroethylene	7.2	1500	730
trans-1,2-Dichloroethylene	ND	9.4	1.6
Tetrachloroethylene	1.3	ND	ND
Methylene Chloride	ND	ND	ND
1,1,1-Trichloroethane	1.2	23	0.9
Trichloroethylene	26	87	2.8
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	18	ND
Vinyl Chloride	ND	240	76
Total CVOCs	37.6	3654.4	1283.3

Location	B1-PZ-3
Date	1/6/2022
Screen Zone (ft. bgs)	5-24
CVOCs	µg/L
1,1-Dichloroethane	0.23
Total CVOCs	0.23

Location	SOH-DGW-06		
Date	12/1, 12/2, 12/15/2021		
Sample Depth (ft. bgs)	7-11	11-15	31-35
CVOCs	µg/L		
Chloroethane	290	1800	12
Chloroform	ND	ND	ND
1,1-Dichloroethane	9100	34000	280
1,2-Dichloroethane	ND	ND	ND
1,1-Dichloroethylene	300	1700	10
cis-1,2-Dichloroethylene	1400	4500	52
trans-1,2-Dichloroethylene	ND	ND	0.94
Methylene Chloride	90	300	1.7
Tetrachloroethylene	29	ND	ND
1,1,1-Trichloroethane	1300	4100	16
1,1,2-Trichloroethane	ND	ND	ND
Trichloroethylene	61	280	46
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	200	ND
Vinyl Chloride	62	240	15
Total CVOCs	12632	47120	433.64

Location	SOH-DGW-11		
Date	12/10/2021		
Sample Depth (ft. bgs)	5-9	11-15	22-26
CVOCs	µg/L		
Chloroethane	1.8	ND	ND
1,1-Dichloroethane	86	460	11000
1,1-Dichloroethylene	3.4	75	260
cis-1,2-Dichloroethylene	15	450	6500
trans-1,2-Dichloroethylene	0.17	ND	ND
Methylene Chloride	0.47	25	53
Tetrachloroethylene	3.2	15	ND
1,1,1-Trichloroethane	59	350	47
1,1,2-Trichloroethane	0.16	ND	ND
Trichloroethylene	41	2100	1500
1,1,2-Trichloro-1,2,2-Trifluoroethane	8.4	810	ND
Vinyl Chloride	0.55	30	84
Total CVOCs	219.15	4315	19444

Location	SOH-DGW-10		
Date	12/3, 12/6, 12/7/2021		
Sample Depth (ft. bgs)	5-9	18-22	22-26
CVOCs	µg/L		
Chloroethane	120	ND	1.2
1,1-Dichloroethane	1800	1500	44
1,1-Dichloroethylene	150	35	3.2
cis-1,2-Dichloroethylene	430	600	3.8
trans-1,2-Dichloroethylene	11	5.0	ND
Methylene Chloride	10	ND	ND
Tetrachloroethylene	8.8	ND	ND
1,1,1-Trichloroethane	300	6.2	6.6
Trichloroethylene	410	170	11
1,1,2-Trichloro-1,2,2-Trifluoroethane	82	ND	1.1
Vinyl Chloride	61	13	0.83
Total CVOCs	3382.8	2329.2	71.73

Location	URS-8
Date	1/7/2022
Screen Zone (ft. bgs)	10-20
CVOCs	µg/L
1,1-Dichloroethane	0.91
1,1,1-Trichloroethane	0.75
Total CVOCs	1.66

Location	SOH-DGW-18		
Date	12/20/2021		
Sample Depth (ft. bgs)	6-10	11-15	17-21
CVOCs	µg/L		
cis-1,2-Dichloroethylene	ND	ND	0.18
Trichloroethylene	ND	ND	1.6
Total CVOCs	0	0	1.78

Location	URS-9
Date	1/7/2022
Screen Zone (ft. bgs)	8-18
CVOCs	µg/L
Chlorobenzene	0.86
Chloroethane	18
1,1-Dichloroethane	250
1,1-Dichloroethylene	6.0
cis-1,2-Dichloroethylene	4.0
Tetrachloroethylene	7.7
1,1,1-Trichloroethane	41
Trichloroethylene	6.2
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	4.1
Vinyl Chloride	13
Total CVOCs	350.86

Location	SOH-DGW-09		
Date	12/9/2021		
Sample Depth (ft. bgs)	8-12	20-24	25-29
CVOCs	µg/L		
Chloroethane	150	420	820
1,1-Dichloroethane	4100	42000	20000
1,1-Dichloroethylene	270	2200	2400
cis-1,2-Dichloroethylene	620	51000	85000
Methylene Chloride	270	8800	3100
Tetrachloroethylene	150	ND	ND
1,1,1-Trichloroethane	7700	32000	63000
Trichloroethylene	ND	520	58000
1,1,2-Trichloro-1,2,2-Trifluoroethane	94	ND	ND
Vinyl Chloride	35	160	3800
Total CVOCs	13389	137100	236120

Location	SOH-DGW-07		
Date	12/3/2021		
Sample Depth (ft. bgs)	7-11	11-15	29-33
CVOCs	µg/L		
Chloroethane	41	170	ND
1,1-Dichloroethane	680	6900	31000
1,1-Dichloroethylene	51	690	2600
cis-1,2-Dichloroethylene	1400	2200	160000
trans-1,2-Dichloroethylene	10	ND	400
Methylene Chloride	6.2	750	4600
Tetrachloroethylene	55	140	ND
1,1,1-Trichloroethane	400	6300	17000
Trichloroethylene	510	490	5200
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	170	ND
Vinyl Chloride	38	160	1300
Total CVOCs	3191.2	17970	222100

Location	SOH-DGW-24		
Date	12/13/2021		
Sample Depth (ft. bgs)	6-10	15-19	25-29
CVOCs	µg/L		
Chloroethane	840	79000	ND
1,1-Dichloroethane	6200	85000	28000
1,1-Dichloroethylene	1600	1300	2800
cis-1,2-Dichloroethylene	720	960	100000
Methylene Chloride	3400	22000	8600
Tetrachloroethylene	94	ND	ND
1,1,1-Trichloroethane	21000	7700	58000
Trichloroethylene	490	ND	260000
1,1,2-Trichloro-1,2,2-Trifluoroethane	290	ND	ND
Vinyl Chloride	140	1900	ND
Total CVOCs	34774	197860	437400

Location	MW-6
Date	1/13/2022
Screen Zone (ft. bgs)	20-30
CVOCs	µg/L
Chloroethane	4500
1,1-Dichloroethane	69000
1,1-Dichloroethylene	5500
cis-1,2-Dichloroethylene	57000
Methylene Chloride	9300
1,1,1-Trichloroethane	120000
Trichloroethylene	1100
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	500
Vinyl Chloride	2500
Total CVOCs	269400

Location	SOH-DGW-17		
Date	12/2/2021		
Sample Depth (ft. bgs)	7-11	11-15	22-26
CVOCs	µg/L		
1,1-Dichloroethane	90	870	440
1,1-Dichloroethylene	3.9	30	33
cis-1,2-Dichloroethylene	27	24	280
trans-1,2-Dichloroethylene	ND	ND	3.7
Tetrachloroethylene	87	860	31
1,1,1-Trichloroethane	390	120	7.4
Trichloroethylene	34	88	300
1,1,2-Trichloro-1,2,2-Trifluoroethane	600	110	ND
Vinyl Chloride	ND	ND	4.1
Total CVOCs	1231.9	2102	1099.2

Location	SOH-DGW-21		
Date	12/6, 12/7/2021		
Sample Depth (ft. bgs)	5-9	11-15	22-26
CVOCs	µg/L		
Chloroethane	85	ND	ND
1,1-Dichloroethane	1000	6100	4800
1,1-Dichloroethylene	360	6600	30
cis-1,2-Dichloroethylene	520	5800	74
Tetrachloroethylene	820	2600	ND
1,1,1-Trichloroethane	4400	230000	510
Trichloroethylene	880	29000	100
Vinyl Chloride	ND	ND	34
Total CVOCs	8065	280100	5648

Location	SOH-DGW-12		
Date	12/7, 12/14/2021		
Sample Depth (ft. bgs)	7-11	21-25	31-35
CVOCs	µg/L		
Chloroethane	ND	ND	1700
1,1-Dichloroethane	1000	1.2	2300
1,1-Dichloroethylene	530	ND	21
cis-1,2-Dichloroethylene	17000	4.6	41
trans-1,2-Dichloroethylene	170	ND	ND
Methylene Chloride	ND	0.34	670
Tetrachloroethylene	240	ND	ND
1,1,1-Trichloroethane	610	ND	120
Trichloroethylene	25000	3.2	47
1,1,2-Trichloro-1,2,2-Trifluoroethane	190	ND	ND
Vinyl Chloride	150	0.3	28
Total CVOCs	44890	9.64	4927

Location	URS-15
Date	1/13/2022
Screen Zone (ft. bgs)	9-19
CVOCs	µg/L
1,1-Dichloroethane	930
1,1-Dichloroethylene	270
cis-1,2-Dichloroethylene	21000
trans-1,2-Dichloroethylene	250
Methylene Chloride	130
Tetrachloroethylene	68
1,1,1-Trichloroethane	160
Trichloroethylene	150
Vinyl Chloride	3900
Total CVOCs	26858

Location	SOH-DGW-08		
Date	12/7, 12/9/2021		
Sample Depth (ft. bgs)	7-11	11-15	26-30
CVOCs	µg/L		
Chloroethane	1.5	ND	10
1,1-Dichloroethane	110	19	420
1,1-Dichloroethylene	11	1.3	13
cis-1,2-Dichloroethylene	44	9.1	770
trans-1,2-Dichloroethylene	0.39	ND	12
Methylene Chloride	ND	ND	120
Tetrachloroethylene	8.2	1.4	ND
1,1,1-Trichloroethane	90	6.5	670
Trichloroethylene	30	4.3	310
Vinyl Chloride	2.8	ND	19
Total CVOCs	297.89	41.6	2344

Location	SOH-DGW-16		
Date	12/8, 12/9/2021		
Sample Depth (ft. bgs)	8-12	17-21	31-35
CVOCs	µg/L		
Chloroethane	ND	4.7	ND
1,1-Dichloroethane	3400	660	530
1,1-Dichloroethylene	1700	23	44
cis-1,2-Dichloroethylene	4200	420	420
trans-1,2-Dichloroethylene	ND	ND	4.4
Methylene Chloride	ND	ND	60
Tetrachloroethylene	700	9.0	ND
1,1,1-Trichloroethane	25000	170	240
Trichloroethylene	6200	43	1400
Vinyl Chloride	150	ND	6.6
Total CVOCs	41350	1329.7	2705

LEGEND (SYMBOLS NOT TO SCALE):

- TAX PARCEL BOUNDARY
- DIRECT PUSH SOIL BORING LOCATION
- OVERBURDEN MONITORING WELL LOCATION
- APPROXIMATE SUMP PUMP LOCATION

NOTES:

1. LOCATIONS AND DIMENSIONS OF PHYSICAL FEATURES AND TAX PARCEL BOUNDARIES ARE APPROXIMATE.
2. MONITORING WELL AND SOIL BORING LOCATIONS FROM DWG. NO. 22-0111 TITLED "JANUARY 2022 SAMPLE LOCATION SURVEY" BY C.T. MALE ASSOCIATES DATED JANUARY 6, 2022.
3. BASE MAP IMAGERY SOURCED FROM NEARMAP DATED 2020.
4. µg/L - MICROGRAMS PER LITER.
5. CVOCs - CHLORINATED VOLATILE ORGANIC COMPOUNDS.
6. NA - DATA NOT AVAILABLE.
7. ND - ANALYTE NOT DETECTED
8. VALUES SHOWN IN **BOLD** AND SHADED TYPE EXCEED THE LISTED GUIDANCE VALUE.
9. * - NYSDEC AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES FOR CLASS GA WATER.
10. ft. bgs - FEET BELOW GROUND SURFACE.

CONSTITUENT	CLASS GA VALUE*
CVOCs	µg/L
Bromodichloromethane	50
Chlorobenzene	5.0
Chlorodibromomethane	50
Chloroethane	5.0
Chloroform	7.0
Dichlorodifluoromethane (Freon 12)	5.0
1,1-Dichloroethane	5.0
1,1-Dichloroethylene	5.0
cis-1,2-Dichloroethylene	5.0
trans-1,2-Dichloroethylene	5.0
Methylene Chloride	5.0
Tetrachloroethylene	5.0
1,1,1-Trichloroethane	5.0
Trichloroethylene	5.0
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	5.0
Vinyl Chloride	2.0

N

0 80' 160'

SCALE: 1" = 80'
SHEET SIZE: 24" BY 36"

PROJECT:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
STUART-OLVER-HOLTZ SITE - SITE NO. 828079
HENRIETTA, NEW YORK

TITLE:
SUPPLEMENTAL INVESTIGATION
CHLORINATED VOLATILE ORGANIC COMPOUNDS
IN GROUNDWATER SAMPLES
APRIL 2021 - JANUARY 2022

DRAWN BY:	H. DELGADO
CHECKED BY:	J. BONE
APPROVED BY:	N. KRANES
DATE:	SEPTEMBER 2022
PROJ. NO.:	386554.0000.0000

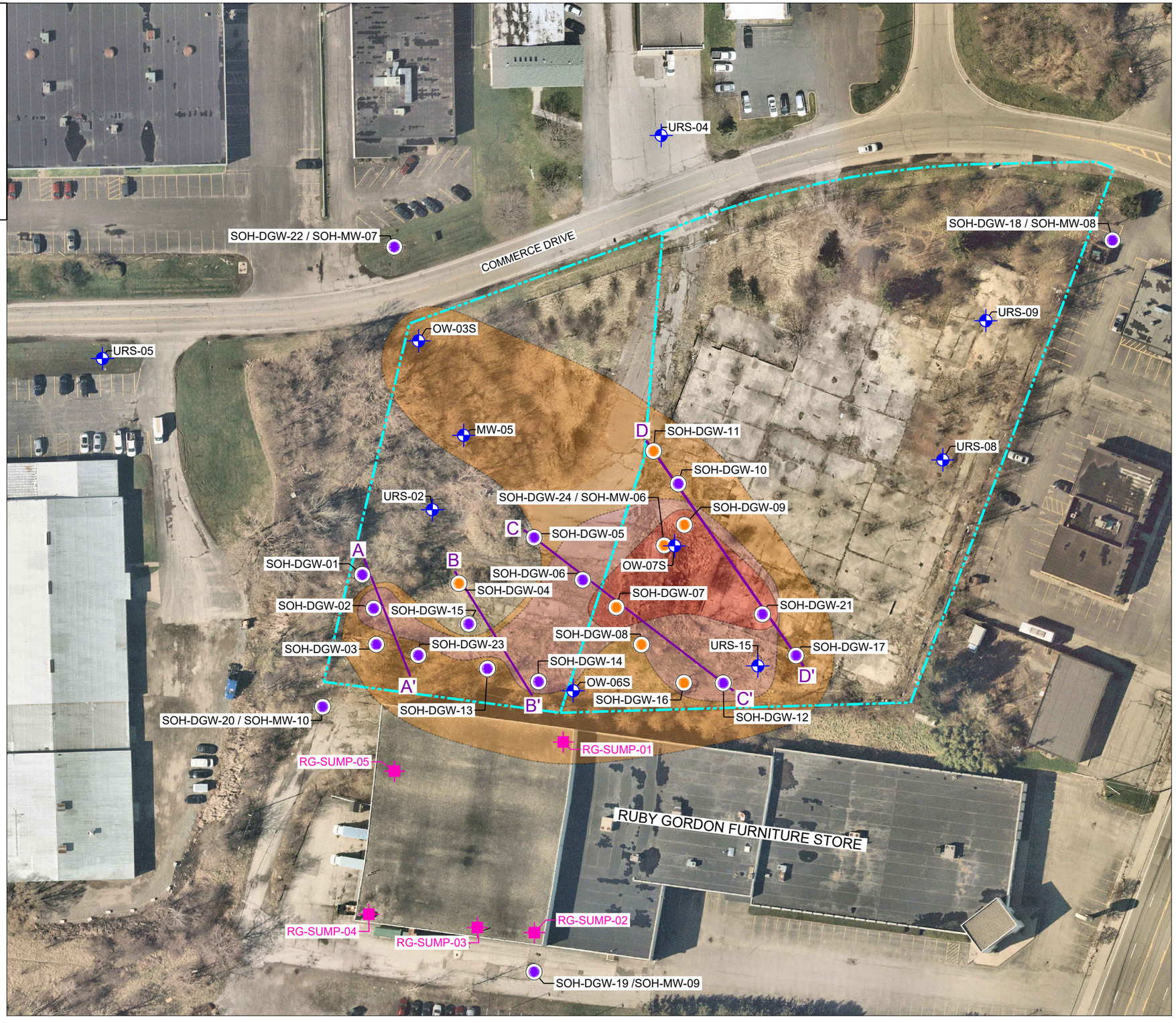
FIGURE 4

TRC
10 Maxwell Drive, Suite 200
Clifton Park, NY 12065
Phone: 518.348.1190
www.trccompanies.com

FILE NO.: Fig 4 - SI - CVOCs in GW -04.21-01.22 (SOH).dwg

DRAWING NAME: \\cliftonpark-vfp\cliftonpark\ECR\Projects\NYSDEC\D009812\Work Assignments\D009812-04 Site Management Portfolio B10_Stuart-Olver-Holtz 828079\Supplemental Investigation\Report\Figures\TRC WD\ Fig 4 - SI - CVOCs in GW -04.21-01.22 (SOH).dwg --- PLOT DATE: September 22, 2022 - 2:50PM --- LAYOUT: 24x36L

Version: 2017-10-31



LEGEND (SYMBOLS NOT TO SCALE):

- TAX PARCEL BOUNDARY
- DISCRETE GROUNDWATER SAMPLES FROM LOWER TILL UNIT (APPROX. 22-35 FT. BGS.)
- DISCRETE GROUNDWATER SAMPLES FROM UPPER TILL UNIT (APPROX. 10-22 FT. BGS.)
- OVERBURDEN MONITORING WELL LOCATION
- APPROXIMATE SUMP PUMP LOCATION
- # — #' DISCRETE GROUNDWATER BORING TRANSECT

TOTAL CHLORINATED VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER - JANUARY 2022:

- 1,000 - 10,000 µg/L (45,000 SQ. FT.)
- 10,000 - 100,000 µg/L (19,000 SQ. FT.)
- 100,000 - 450,000 µg/L (9,000 SQ. FT.)

NOTES:

1. LOCATIONS AND DIMENSIONS OF PHYSICAL FEATURES AND TAX PARCEL BOUNDARIES ARE APPROXIMATE.
2. MONITORING WELL AND SOIL BORING LOCATIONS FROM DWG. NO. 22-0111 TITLED "JANUARY 2022 SAMPLE LOCATION SURVEY" BY C.T. MALE ASSOCIATES DATED JANUARY 6, 2022.
3. BASE MAP IMAGERY SOURCED FROM NEARMAP DATED 2020.
4. µg/L - MICROGRAMS PER LITER.
5. CVOCs - CHLORINATED VOLATILE ORGANIC COMPOUNDS.
6. FT. BGS - FEET BELOW GROUND SURFACE.

0 80' 160'

SCALE: 1" = 80'
SHEET SIZE: 11" BY 17"

PROJECT:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
STUART OLVER HOLTZ SITE - SITE NO. 828079
HENRIETTA, NEW YORK

TITLE:
SUPPLEMENTAL INVESTIGATION
AREAL EXTENT OF HIGHEST CONCENTRATIONS OF TOTAL CHLORINATED VOCS IN GROUNDWATER
APRIL 2021 - JANUARY 2022

DRAWN BY:	H. DELGADO	PROJ NO.:	386554.0000.0000
CHECKED BY:	J. BONE		
APPROVED BY:	N. KRANES		**FIGURE 5**
DATE:	SEPTEMBER 2022		

TRC
10 Maxwell Drive, Suite 200
Clifton Park, NY 12065
Phone: 518.348.1190
www.trccompanies.com

FILE NO.: Fig 5 - SI - AE of HC Tot. CVOCs in GW - 04.21-01.22.dwg

1417 -- USER: rDelgado -- ATTACHED XREFS: -- ATTACHED IMAGES: EROS2020_Fig_5SH_Total_CVOC_Plume_0819203971; Fig_5SH_Total_CVOC_Plume_0819203981; Fig_5SH_Total_CVOC_Plume_0819203982; Fig_5SH_Total_CVOC_Plume_0819203983; Fig_5SH_Total_CVOC_Plume_0819203984; Fig_5SH_Total_CVOC_Plume_0819203985; Fig_5SH_Total_CVOC_Plume_0819203974; Fig_5SH_Total_CVOC_Plume_0819203977; Fig_5SH_Total_CVOC_Plume_0819203978; Fig_5SH_Total_CVOC_Plume_0819203979; Fig_5SH_Total_CVOC_Plume_0819203980; Fig_5SH_Total_CVOC_Plume_0819203981; Fig_5SH_Total_CVOC_Plume_0819203982; Fig_5SH_Total_CVOC_Plume_0819203983; Fig_5SH_Total_CVOC_Plume_0819203984; Fig_5SH_Total_CVOC_Plume_0819203985; -- LAYOUT: 11x17L
DRAWING NAME: B:\Projects\NYSDEC\D0009812\Work Assignments\D0009812-04 Site Management Portfolio B\10_Stuart Olver-Holtz 828079\Supplemental Investigation\Report\Figures\TRC WD\ Fig 5 - SI - AE of HC Tot. CVOCs in GW - 04.21-01.22.dwg -- PLOT DATE: September 23, 2022 - 3:36PM
Version: 2017-10-21

TABLES

Table 1
New York State Department of Environmental Conservation
SMP B - Stuart Olver Holtz - Site No. 828079
Henrietta, New York
Summary of Analysis of VOCs of Ruby Gordon Furniture Store Indoor Air - April 2021

Sample Location		SOH-AA-01		SOH-IA-01		SOH-IA-02		SOH-IA-03		SOH-IA-04		SOH-IA-05		SOH-IA-06	
Sample ID		SOH-AA-1		SOH-IA-1		SOH-IA-2		SOH-IA-3		SOH-IA-4		SOH-IA-5		SOH-IA-6	
Laboratory ID		140-22710-7		140-22710-2		140-22710-3		140-22710-4		140-22710-5		140-22710-6		140-22710-1	
Sample Date		4/13/2021		4/13/2021		4/13/2021		4/13/2021		4/13/2021		4/13/2021		4/13/2021	
Sample Type		Outdoor Ambient Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air	
Analyte	**NYSDOH AGV[1]**	**Results (µg/m^3)**													
VOCs															
1,1,1-Trichloroethane	NS	0.44	U	**21**		**24**		**26**		**28**		**25**		**8.3**	
1,1,2,2-Tetrachloroethane	NS	0.55	U	1.4	U	0.55	U	1.4	U	1.4	U	0.72	U	2.7	U
1,1,2-Trichloro- 1,2,2-trifluoroethane	NS	0.62		2.6		2.6		2.7		2.9		2.6		3.1	U
1,1,2-Trichloroethane	NS	0.44	U	1.1	U	0.44	U	1.1	U	1.1	U	0.57	U	2.2	U
1,1-Dichloroethane	NS	0.32	U	7.7		8.9		9.3		10		9.4		2.8	
1,1-Dichloroethene	NS	0.16	U	**2.9**		**2.8**		**3.0**		**3.2**		**2.9**		**0.89**	
1,2,4-Trichlorobenzene	NS	0.59	U	1.5	U	0.59	U	1.5	U	1.5	U	0.78	U	3.0	U
1,2,4-Trimethylbenzene	NS	0.39	U	2.1		0.39	U	3.3		3.4		3.4		2.0	U
1,2-Dibromoethane	NS	0.61	U	1.5	U	0.61	U	1.5	U	1.5	U	0.81	U	3.1	U
1,2-Dichlorobenzene	NS	0.48	U	1.2	U	0.48	U	1.2	U	1.2	U	0.63	U	2.4	U
1,2-Dichloroethane	NS	0.32	U	0.81	U	0.53		0.81	U	0.81	U	0.58		1.9	
1,2-Dichloropropane	NS	0.37	U	0.92	U	0.37	U	0.92	U	0.92	U	0.48	U	1.8	U
1,2-Dichlorotetrafluoroethane	NS	0.56	U	1.4	U	0.56	U	1.4	U	1.4	U	0.73	U	2.8	U
1,3,5-Trimethylbenzene	NS	0.39	U	0.98	U	0.39	U	0.98	U	0.98	U	0.65		2.0	U
1,3-Dichlorobenzene	NS	0.48	U	1.2	U	0.48	U	1.2	U	1.2	U	0.63	U	2.4	U
1,4-Dichlorobenzene	NS	0.48	U	1.2	U	0.48	U	1.2	U	1.2	U	0.63	U	2.4	U
1,4-Dioxane	NS	0.72	U	1.8	U	0.72	U	1.8	U	1.8	U	0.94	U	3.6	U
2,2,4-Trimethylpentane	NS	0.93	U	2.3	U	0.93	U	2.3	U	2.3	U	1.2	U	4.7	U
2-Butanone (MEK)	NS	0.94	U	4.2		5.6		6.0		6.5		7.1		6.5	
4-Methyl-2-pentanone	NS	0.82	UJ	2.0	U	0.89		3.1		2.1		2.2		4.1	UJ
Benzene	NS	0.51		0.97		0.42		0.64	U	0.68		0.58		1.3	U
Benzyl chloride	NS	0.83	U	2.1	U	0.83	U	2.1	U	2.1	U	1.1	U	4.1	U
Bromodichloromethane	NS	0.54	U	1.3	U	0.54	U	1.3	U	1.3	U	0.70	U	2.7	U
Bromoform	NS	0.83	U	2.1	U	0.83	U	2.1	U	2.1	U	1.1	U	4.1	U
Bromomethane	NS	0.31	U	0.78	U	0.31	U	0.78	U	0.78	U	0.41	U	1.6	U
Carbon tetrachloride	NS	**0.57**		0.50	U	**0.50**		0.50	U	**0.53**		**0.56**		1.0	U
Chlorobenzene	NS	0.37	U	0.92	U	0.37	U	0.92	U	0.92	U	0.48	U	1.8	U
Chloroethane	NS	0.21	U	0.58		0.73		0.82		0.87		0.70		1.1	U
Chloroform	NS	0.39	U	0.98	U	0.39	U	0.98	U	0.98	U	0.51	U	2.0	U
Chloromethane	NS	1.1		1.1		1.2		1.1		1.4		1.2		2.1	U
cis-1,2-Dichloroethene	NS	0.16	U	**15**		**13**		**15**		**16**		**15**		**4.7**	
cis-1,3-Dichloropropene	NS	0.36	U	0.91	U	0.36	U	0.91	U	0.91	U	0.48	U	1.8	U
Cyclohexane	NS	0.69	U	1.7	U	0.69	U	1.7	U	1.7	U	0.90	U	3.4	U
Dibromochloromethane	NS	0.68	U	1.7	U	0.68	U	1.7	U	1.7	U	0.89	U	3.4	U
Dichlorodifluoromethane	NS	1.0		2.2		1.2		1.9		2.0		1.4		2.1	
Ethanol	NS	17	J	120	J	57	J	60	J	77	J	84	J	920	J
Ethylbenzene	NS	0.35	U	5.8		0.87		11		10		10		4.3	
Hexachlorobutadiene	NS	0.85	UJ	2.1	U	0.85	U	2.1	U	2.1	U	1.1	U	4.3	UJ
n-Hexane	NS	0.70	U	5.7		0.69		1.8	U	1.8	U	0.95		3.5	U
Methyl tert-butyl ether	NS	0.58	U	1.4	U	0.58	U	1.4	U	1.4	U	0.76	U	2.9	U
Methylene chloride	60	**2.9**		**16**		**4.9**		**5.1**		**7.2**		**5.7**		6.9	U
m,p-Xylene	NS	0.66		8.8		0.61		13		13		13		6.2	
Naphthalene	NS	1.0	U	2.6	U	1.0	U	2.6	U	2.6	U	1.4	U	5.2	U
o-Xylene	NS	0.35	U	2.8		0.35	U	4.1		4.2		4.2		2.3	
Styrene	NS	0.34	U	3.4		0.34	U	6.3		5.3		6.5		2.7	
tert-Butyl alcohol	NS	0.97	U	2.4	UJ	0.97	UJ	2.4	UJ	2.4	UJ	1.7	J	4.9	U
Tetrachloroethene	30	0.54	U	**8.7**		**4.1**		**11**		**12**		**11**		**3.5**	
Toluene	NS	1.4		24		8.3		38		41		36		18	
trans-1,2-Dichloroethene	NS	0.32	U	0.79	U	0.32	U	0.79	U	0.79	U	0.42	U	1.6	U
trans-1,3-Dichloropropene	NS	0.36	U	0.91	U	0.36	U	0.91	U	0.91	U	0.48	U	1.8	U
Trichloroethene	2	0.19	U	**39**		**27**		**40**		**43**		**39**		**11**	
Trichlorofluoromethane	NS	1.4	J	4.9		4.1		4.3		4.7		4.1		7.1	J
Vinyl chloride	NS	0.10	U	0.26	U	0.14		0.26	U	0.26	U	**0.16**		0.51	U

Notes:

[1] NYSDOH AGV - NYSDOH Air Guideline Value.

ug/m^3 - micrograms per cubic meter.

J - Estimated value.

U - Analyte was not detected at specified quantitation limit.

UJ - Estimated non-detect.

NS - No Standard

VOCs - Volatile organic compounds

Values in **bold** indicate the analyte was detected.

Values in red boxes exceed the NYSDOH AGV

Matrices in NYSDOH Soil Vapor Intrusion Guidance apply to shaded compounds (Matrix A - **Blue**, Matrix B - **Purple**, Matric C - **Gray**).

NYSDOH Matrix - New York State Department of Health Soil Vapor/Indoor Air Decision Matrix

No shading indicates NO FURTHER ACTION recommendation based on the NYSDOH Soil Vapor/Indoor Air Decision Matrices.

Green Shading - Indicates IDENTIFY SOURCE(S) AND RESAMPLE OR MITIGATE recommendation based on the NYSDOH Soil Vapor/Indoor Air Decision Matrices.

Orange Shading - Indicates MITIGATE recommendation based on the NYSDOH Soil Vapor/Indoor Air Decision Matrices.

Table 2
New York State Department of Environmental Conservation
SMP B - Stuart Olver Holtz - Site No. 828079
Henrietta, New York
Summary of Analsyis of VOCs in Groundwater in Ruby Gordon Furniture Store Sumps - April 2021

	Sample ID	RG-SUMP-01		RG-SUMP-DUP		RG-SUMP-02		RG-SUMP-03		RG-SUMP-04		RG-SUMP-05	
	Laboratory ID	480-183263-1		480-183263-6		480-183263-2		480-183263-3		480-183263-4		480-183263-5	
	Sample Date	4/13/2021		4/13/2021		4/13/2021		4/13/2021		4/13/2021		4/13/2021	
Analyte	Class GA Value*	**Results (µg/L)**											
VOCs													
1,1,1-Trichloroethane	5	**1,200**	**J-**	**1,400**		**3.6**		1.0	U	**3.1**		**61**	
1,1,2,2-Tetrachloroethane	5	20	U	20	U	1.0	U	1.0	U	1.0	U	4.0	U
1,1,2-Trichloroethane	1	20	U	20	U	1.0	U	1.0	U	1.0	U	4.0	U
1,1,2-Trichloro- 1,2,2-trifluoroethane	5	20	UJ	20	UJ	**4.7**	**J**	1.0	UJ	1.0	UJ	4.0	UJ
1,1-Dichloroethane	5	**340**		**390**		**7.3**		1.0	U	**11**		**200**	
1,1-Dichloroethene	5	**82**		**89**		**0.91**	**J**	1.0	U	**0.51**	**J**	**21**	
1,2,4-Trichlorobenzene	5	20	U	20	U	1.0	U	1.0	U	1.0	U	4.0	U
1,2-Dibromo-3-chloropropane	0.04	20	U	20	U	1.0	U	1.0	U	1.0	U	4.0	U
1,2-Dichlorobenzene	3	20	U	20	U	1.0	U	1.0	U	1.0	U	4.0	U
1,2-Dichloroethane	0.6	20	U	20	U	1.0	U	1.0	U	1.0	U	4.0	U
1,2-Dichloropropane	1	20	U	20	U	1.0	U	1.0	U	1.0	U	4.0	U
1,3-Dichlorobenzene	3	20	U	20	U	1.0	U	1.0	U	1.0	U	4.0	U
1,4-Dichlorobenzene	3	20	U	20	U	1.0	U	1.0	U	1.0	U	4.0	U
2-Butanone (MEK)	50	200	U	200	U	10	U	10	U	10	U	40	U
2-Hexanone	50	100	U	100	U	5.0	U	5.0	U	5.0	U	20	U
4-Methyl-2-pentanone	NC	100	U	100	U	5.0	U	5.0	U	5.0	U	20	U
Acetone	50	200	U	200	U	10	U	10	U	**9.0**	**J**	40	U
Benzene	1	20	U	20	U	1.0	U	1.0	U	1.0	U	4.0	U
Bromodichloromethane	50	20	U	20	U	1.0	U	1.0	U	1.0	U	4.0	U
Bromoform	50	20	UJ	20	UJ	1.0	UJ	1.0	UJ	1.0	UJ	4.0	UJ
Bromomethane	5	20	U	20	U	1.0	U	1.0	U	1.0	U	4.0	U
Carbon disulfide	60	20	U	20	U	1.0	U	1.0	U	1.0	U	4.0	U
Carbon tetrachloride	5	20	UJ	20	UJ	1.0	UJ	1.0	UJ	1.0	UJ	4.0	UJ
Chlorobenzene	5	20	U	20	U	1.0	U	1.0	U	1.0	U	4.0	U
Chloroethane	5	20	U	20	U	1.0	U	1.0	U	1.0	U	**1.8**	**J**
Chloroform	7	20	U	20	U	1.0	U	1.0	U	1.0	U	4.0	U
Chloromethane	5	20	U	20	U	1.0	U	1.0	U	1.0	U	4.0	U
cis-1,2-Dichloroethene	5	**630**		**690**		**17**		1.0	U	**12**		**200**	
cis-1,3-Dichloropropene	0.4(a)	20	U	20	U	1.0	U	1.0	U	1.0	U	4.0	U
Cyclohexane	NC	20	U	20	U	1.0	U	1.0	U	1.0	U	4.0	U
Dibromochloromethane	50	20	UJ	20	UJ	1.0	UJ	1.0	UJ	1.0	UJ	4.0	UJ
Dichlorodifluoromethane	5	20	U	20	U	1.0	U	1.0	U	1.0	U	4.0	U
Ethylbenzene	5	20	U	20	U	1.0	U	1.0	U	1.0	U	4.0	U
1,2-Dibromoethane (Ethylene dibromide)	0.0006	20	U	20	U	1.0	U	1.0	U	1.0	U	4.0	U
Isopropylbenzene	5	20	U	20	U	1.0	U	1.0	U	1.0	U	4.0	U
Methyl acetate	NC	50	U	50	U	2.5	U	2.5	U	2.5	U	10	U
Methyl tert-butyl ether	10	20	U	20	U	**0.83**	**J**	**1.1**		**0.29**	**J**	4.0	U
Methylcyclohexane	NC	20	U	20	U	1.0	U	1.0	U	1.0	U	4.0	U
Methylene chloride	5	20	U	20	U	1.0	U	1.0	U	1.0	U	4.0	U
Styrene	5	20	U	20	U	1.0	U	1.0	U	1.0	U	4.0	U
Tetrachloroethene	5	**580**		**680**		**2.0**		1.0	U	**2.2**		**83**	
Toluene	5	20	U	20	U	1.0	U	1.0	U	1.0	U	4.0	U
trans-1,2-Dichloroethene	5	20	U	20	U	1.0	U	1.0	U	1.0	U	4.0	U
trans-1,3-Dichloropropene	0.4(a)	20	U	20	U	1.0	U	1.0	U	1.0	U	4.0	U
Trichloroethene	5	**670**		**690**		**69**		1.0	U	**8.0**		**73**	
Trichlorofluoromethane	5	20	U	20	U	1.0	U	1.0	U	1.0	U	4.0	U
Vinyl chloride	2	20	U	20	U	1.0	U	1.0	U	1.0	U	**5.2**	
Xylenes, total	5	40	U	40	U	2.0	U	2.0	U	2.0	U	8.0	U

Notes:
ug/L - micrograms per liter.
J - Estimated value.
J- - Estimated value; biased low.
NC - No NYSDEC standards exist for this analyte.
U - Analyte was not detected at specified quantitation limit.
UJ - Estimated value.
Values in **bold** indicate the compound was detected.
Values shown in bold and shaded type exceed the listed NYSDEC standards.
VOCs - Volatile Organic Compounds.
* - NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Water
(a) - criteria applicable to the sum of the cis and trans isomers.

Table 3
New York State Department of Environmental Conservation
SMP B - Stuart Olver Holtz - Site No. 828079
Henrietta, New York
Summary of Analysis VOCs and TOC in Soil - November 2021

		Sample ID	SOH-SB-02 (4-5)		SOH-SB-02 (16-17)		SOH-SB-02 (36-37)		SOH-SB-03 (3-4)		SOH-SB-03 (13-14)		SOH-SB-03 (33-34)		SOH-SB-06 (2-3)		SOH-SB-06 (14-15)		SOH-SB-06 (32-33)		SOH-SB-07 (3-4)		SOH-SB-07 (14-15)		SOH-SB-07 (23-24)	
		Laboratory ID	480-192071-1		480-192071-2		480-192071-3		480-192071-4		480-192071-5		480-192071-6		480-192264-12		480-192264-13		480-192264-15		480-192264-10		480-192264-11		480-192456-4	
		Sample Depth	4-5 ft		16-17 ft		36-37 ft		3-4 ft		13-14 ft		33-34 ft		2-3 ft		14-15 ft		32-33 ft		3-4 ft		14-15 ft		23-24 ft	
		Sample Date	11/8/2021		11/8/2021		11/8/2021		11/8/2021		11/8/2021		11/8/2021		11/10/2021		11/10/2021		11/10/2021		11/10/2021		11/10/2021		11/15/2021	
Analyte	NYSDEC UUSCO	NYSDEC CUSCO	**Results (mg/kg)**																							
1,1,1-Trichloroethane	0.68	500	**0.00052**	**J**	**0.0013**	**J**	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	**0.00095**	**J**	0.0039	UJ	**0.023**	**J**	0.0039	U
1,1,2,2-Tetrachloroethane	NC	NC	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	UJ	0.0042	U	0.0036	U	0.0035	U	0.0039	UJ	0.0038	UJ	0.0039	U
1,1,2-Trichloroethane	NC	NC	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	0.0035	U	0.0039	UJ	0.0038	UJ	0.0039	U
1,1,2-Trichloro- 1,2,2-trifluoroethane	NC	NC	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	0.0035	U	0.0039	UJ	**0.0091**	**J**	0.0039	U
1,1-Dichloroethane	0.27	240	**0.0022**	**J**	**0.84**		**0.00065**	**J**	0.0044	U	**2.6**		**0.079**		0.0042	U	**5.6**		**0.0076**		**0.0029**	**J**	**2.9**		**0.0097**	
1,1-Dichloroethene	0.33	500	0.0039	U	**0.014**		0.0040	U	0.0044	U	**0.07**		**0.0025**	**J**	0.0042	U	**0.5**		0.0035	U	0.0039	UJ	**0.13**	**J**	0.0039	U
1,2,4-Trichlorobenzene	NC	NC	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	0.0035	U	0.0039	UJ	0.0038	UJ	0.0039	U
1,2-Dibromo-3-chloropropane	NC	NC	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	0.0035	U	0.0039	UJ	0.0038	UJ	0.0039	U
1,2-Dichlorobenzene	1.1	500	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	0.0035	U	0.0039	UJ	0.0038	UJ	0.0039	U
1,2-Dichloroethane	0.02	30	0.0039	U	**0.00081**	**J**	0.0040	U	0.0044	U	**0.0013**	**J**	**0.00038**	**J**	0.0042	U	**0.0036**		0.0035	U	0.0039	UJ	**0.0012**	**J**	0.0039	U
1,2-Dichloropropane	NC	NC	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	0.0035	U	0.0039	UJ	0.0038	UJ	0.0039	U
1,3-Dichlorobenzene	2.4	280	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	0.0035	U	0.0039	UJ	0.0038	UJ	0.0039	U
1,4-Dichlorobenzene	1.8	130	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	0.0035	U	0.0039	UJ	0.0038	UJ	0.0039	U
2-Butanone (MEK)	0.12	500	0.02	U	0.019	U	0.02	U	0.022	U	0.018	U	0.022	UJ	**0.01**	**J**	0.018	U	0.017	U	**0.0049**	**J**	0.019	UJ	0.02	U
2-Hexanone	NC	NC	0.02	U	0.019	U	0.02	U	0.022	U	0.018	U	0.022	U	0.021	U	0.018	U	0.017	U	0.019	UJ	0.019	UJ	0.02	U
4-Methyl-2-pentanone	NC	NC	0.02	U	0.019	U	0.02	U	0.022	U	0.018	U	0.022	U	0.021	U	0.018	U	0.017	U	0.019	UJ	0.019	UJ	0.02	U
Acetone	0.05	500	0.02	U	**0.0078**	**J**	**0.0057**	**J**	0.022		**0.0087**	**J**	**0.0067**	**J**	**0.063**		**0.0064**	**J**	0.017	U	**0.029**	**J**	**0.0084**	**J**	**0.0047**	**J**
Benzene	0.06	44	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	**0.00017**	**J**	0.0035	U	0.0039	UJ	**0.00019**	**J**	0.0039	U
Bromodichloromethane	NC	NC	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	0.0035	U	0.0039	UJ	0.0038	UJ	0.0039	U
Bromoform	NC	NC	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	0.0035	U	0.0039	UJ	0.0038	UJ	0.0039	U
Bromomethane	NC	NC	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	0.0035	U	0.0039	UJ	0.0038	UJ	0.0039	U
Carbon disulfide	NC	NC	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	UJ	0.0035	U	0.0039	UJ	**0.0043**	**J**	0.0039	U
Carbon tetrachloride	0.76	22	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	0.0035	UJ	0.0039	UJ	0.0038	UJ	0.0039	UJ
Chlorobenzene	1.1	500	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	0.0035	U	0.0039	UJ	0.0038	UJ	0.0039	U
Chloroethane	NC	NC	0.0039	U	**0.0015**	**J**	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.16	U	0.0035	U	0.0039	UJ	**0.0094**	**J**	0.0039	U
Chloroform	0.37	350	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	0.0035	U	0.0039	UJ	0.0038	UJ	0.0039	U
Chloromethane	NC		0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	0.0035	U	0.0039	UJ	0.0038	UJ	0.0039	U
cis-1,2-Dichloroethene	0.25	500	**0.0058**		**0.021**		0.0040	U	0.0044	U	**0.75**		**0.015**		0.0042	U	**0.78**		**0.018**		**0.0022**	**J**	**0.13**	**J**	0.0039	U
cis-1,3-Dichloropropene	NC	NC	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	0.0035	U	0.0039	UJ	0.0038	UJ	0.0039	U
Cyclohexane	NC	NC	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	0.0035	U	0.0039	UJ	0.0038	UJ	0.0039	U
Dibromochloromethane	NC	NC	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	0.0035	U	0.0039	UJ	0.0038	UJ	0.0039	U
Dichlorodifluoromethane	NC	NC	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	0.0035	U	0.0039	UJ	0.0038	UJ	0.0039	U
Ethylbenzene	1	390	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	0.0035	U	0.0039	UJ	0.0038	UJ	0.0039	U
1,2-Dibromoethane (Ethylene dibromide)	NC	NC	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	0.0035	U	0.0039	UJ	0.0038	UJ	0.0039	U
Isopropylbenzene	NC	NC	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	0.0035	U	0.0039	UJ	0.0038	UJ	0.0039	U
Methyl acetate	NC	NC	0.02	U	0.019	U	0.02	U	0.022	U	0.018	U	0.022	U	0.021	U	0.018	U	0.017	U	**0.011**	**J**	0.019	UJ	0.02	U
Methyl tert-butyl ether	0.93	500	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	0.0035	U	0.0039	UJ	0.0038	UJ	0.0039	U
Methylcyclohexane	NC	NC	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	0.0035	U	0.0039	UJ	0.0038	UJ	0.0039	U
Methylene chloride	0.05	500	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	**0.0040**		0.0035	U	0.0039	UJ	0.0038	UJ	0.0039	U
Styrene	NC	NC	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	0.0035	U	0.0039	UJ	0.0038	UJ	0.0039	U
Tetrachloroethene	1.3	150	**0.0016**	**J**	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	0.0035	U	0.0039	UJ	**0.016**	**J**	0.0039	U
Toluene	0.7	500	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	0.0035	U	0.0039	UJ	0.0038	UJ	0.0039	U
trans-1,2-Dichloroethene	0.19	500	0.0039	U	0.0038	U	0.0040	U	0.0044	U	**0.0025**	**J**	0.0044	U	0.0042	U	**0.0011**	**J**	0.0035	U	0.0039	UJ	**0.0018**	**J**	0.0039	U
trans-1,3-Dichloropropene	NC	NC	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	0.0035	U	0.0039	UJ	0.0038	UJ	0.0039	U
Trichloroethene	0.47	200	**0.0062**		0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	**0.12**		0.0035	U	**0.0013**	**J**	**0.025**	**J**	0.0039	U
Trichlorofluoromethane	NC	NC	0.0039	U	0.0038	U	0.0040	U	0.0044	U	0.0036	U	0.0044	U	0.0042	U	0.0036	U	0.0035	U	0.0039	UJ	0.0038	UJ	0.0039	U
Vinyl chloride	0.02	13	0.0039	U	**0.00079**	**J**	0.0040	U	0.0044	U	**0.049**		**0.0016**	**J**	0.0042	U	**0.012**		**0.0032**	**J**	0.0039	UJ	**0.012**	**J**	0.0039	U
Xylenes, total	0.26	500	0.0079	U	0.0077	U	0.0079	U	0.0088	U	0.0071	U	0.0089	U	0.0084	U	0.0071	U	0.0070	U	0.0077	UJ	0.0076	UJ	0.0078	U
Total VOC TICs	NC	NC	NA		NA		NA		NA		NA		NA		**0.0362**	**JN**	**0.0064**		NA		NA		NA		NA	
Total Organic Carbon	NC	NC	**4,010**		**860**	**J**	**33,400**		**3,490**		**1,860**		1,000	U	**7,080**		**9,950**		**13,100**		**32,300**		1,000	U	**11,400**	

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
H - Sample was prepared or analyzed beyond the specified holding time.
J - Estimated value.
J+ - Estimated value; biased high.
N - Presumptive evidence of material.
NA - Sample not analyzed for the listed analyte.
NC - No NYSDEC SCOs exist for this analyte.
NYSDEC UUSCO - Title 6 NYCRR Part 375, Table 375-6.8(a) Unrestricted Use Soil Cleanup Objectives
NYSDEC CUSCO - Title 6 NYCRR Part 375, Table 375-6.8(b) Commercial Use Soil Cleanup Objectives
U - Analyte was not detected at specified quantitation limit.
UJ - Estimated non-detect.
Values in **bold** indicate the analyte was detected.
Values shown in bold and color type exceed the corresponding listed NYSDEC criteria.
VOCs - Volatile Organic Compounds.
TICs - Tentatively Identified Compounds.

Table 3
New York State Department of Environmental Conservation
SMP B - Stuart Olver Holtz - Site No. 828079
Henrietta, New York
Summary of Analysis VOCs and TOC in Soil - November 2021

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Table 3
New York State Department of Environmental Conservation
SMP B - Stuart Olver Holtz - Site No. 828079
Henrietta, New York
Summary of Analysis VOCs and TOC in Soil - November 2021

		Sample ID	SOH-SB-18(6-7)		SOH-SB-18(14-15)		SOH-SB-18(20-21)		SOH-SB-19 (4-5)		SOH-SB-19 (5-6)		SOH-SB-19 (14-15)		SOH-SB-20 (4-5)		SOH-SB-20 (12-13)		SOH-SB-20 (17-18)		SOH-SB-22(6-7)		SOH-SB-22(22-23)		SOH-SB-22(27-28)		SOH-SB-23 (15-16)		SOH-SB-24 (23-24)	
		Laboratory ID	480-192393-4		480-192393-5		480-192393-6		480-192511-2		480-192511-3		480-192511-4		480-192511-5		480-192511-6		480-192511-7		480-192393-1		480-192393-2		480-192393-3		480-192264-1		480-192456-2	
		Sample Depth	6-7 ft		14-15 ft		20-21 ft		4-5 ft		5-6 ft		14-15 ft		4-5 ft		12-13 ft		17-18 ft		6-7 ft		22-23 ft		27-28 ft		15-16 ft		23-24 ft	
		Sample Date	11/12/2021		11/12/2021		11/12/2021		11/16/2021		11/16/2021		11/16/2021		11/16/2021		11/16/2021		11/16/2021		11/12/2021		11/12/2021		11/12/2021		11/9/2021		11/15/2021	
Analyte	NYSDEC UUSCO	NYSDEC CUSCO	**Results (mg/kg)**																											
1,1,1-Trichloroethane	0.68	500	**0.012**	**J+**	**0.0037**	**J**	**0.0091**	**J**	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	**0.0016**	**J**	**0.00059**	**J**	**0.0040**		**0.0014**	**J**	**0.035**	
1,1,2,2-Tetrachloroethane	NC	NC	0.0036	UJ	0.0052	U	0.0050	UJ	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	0.0038	U
1,1,2-Trichloroethane	NC	NC	0.0036	UJ	0.0052	U	0.0050	U	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	0.0038	U
1,1,2-Trichloro- 1,2,2-trifluoroethane	NC	NC	0.0036	UJ	0.0052	U	0.0050	U	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	**0.0012**	**J**
1,1-Dichloroethane	0.27	240	**0.0098**	**J+**	**0.0041**	**J**	**0.011**	**J**	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	**0.0013**	**J**	**0.00086**	**J**	**0.0034**	**J**	**0.76**		**4**	
1,1-Dichloroethene	0.33	500	0.0036	UJ	0.0052	U	0.0050	U	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	**0.027**	**J**	**0.024**	
1,2,4-Trichlorobenzene	NC	NC	0.0036	UJ	0.0052	U	0.0050	UJ	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	0.0038	U
1,2-Dibromo-3-chloropropane	NC	NC	0.0036	UJ	0.0052	U	0.0050	U	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	0.0038	U
1,2-Dichlorobenzene	1.1	500	0.0036	UJ	0.0052	U	0.0050	UJ	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	0.0038	U
1,2-Dichloroethane	0.02	30	0.0036	UJ	0.0052	U	0.0050	U	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	**0.0033**	**J**	**0.00028**	**J**
1,2-Dichloropropane	NC	NC	0.0036	UJ	0.0052	U	0.0050	U	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	0.0038	U
1,3-Dichlorobenzene	2.4	280	0.0036	UJ	0.0052	U	0.0050	UJ	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	0.0038	U
1,4-Dichlorobenzene	1.8	130	0.0036	UJ	0.0052	U	0.0050	UJ	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	0.0038	U
2-Butanone (MEK)	0.12	500	0.018	UJ	0.026	U	0.025	UJ	0.018	U	0.019	U	0.021	U	0.023	U	0.021	U	0.02	U	0.018	U	0.021	U	0.018	U	0.018	UJ	0.019	U
2-Hexanone	NC	NC	0.018	UJ	0.026	U	0.025	U	0.018	U	0.019	U	0.021	U	0.023	U	0.021	U	0.02	U	0.018	U	0.021	U	0.018	U	0.018	UJ	0.019	U
4-Methyl-2-pentanone	NC	NC	0.018	UJ	0.026	U	0.025	U	0.018	U	0.019	U	0.021	U	0.023	U	0.021	U	0.02	U	0.018	U	0.021	U	0.018	U	0.018	UJ	0.019	U
Acetone	0.05	500	0.018	UJ	0.026	U	**0.017**	**J**	0.018	U	0.019	U	**0.0037**	**J**	0.023	U	**0.0042**	**J**	**0.0046**	**J**	**0.0036**	**J**	**0.0045**	**J**	**0.0060**	**J**	**0.01**	**J**	**0.014**	**J**
Benzene	0.06	44	0.0036	UJ	0.0052	U	0.0050	U	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	**0.00020**	**J**	0.0036	UJ	**0.00021**	**J**
Bromodichloromethane	NC	NC	0.0036	UJ	0.0052	U	0.0050	U	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	0.0038	U
Bromoform	NC	NC	0.0036	UJ	0.0052	U	0.0050	U	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	0.0038	U
Bromomethane	NC	NC	0.0036	UJ	0.0052	U	0.0050	U	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	0.0038	U
Carbon disulfide	NC	NC	0.0036	UJ	0.0052	U	0.0050	U	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	**0.0024**	**J**	0.0038	U
Carbon tetrachloride	0.76	22	0.0036	UJ	0.0052	UJ	0.0050	UJ	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	UJ	0.0042	UJ	0.0037	UJ	0.0036	UJ	0.0038	U
Chlorobenzene	1.1	500	0.0036	UJ	0.0052	U	0.0050	U	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	0.0038	U
Chloroethane	NC	NC	0.0036	UJ	0.0052	U	0.0050	U	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	**0.0036**	**J**	**0.0036**	**J**
Chloroform	0.37	350	0.0036	UJ	0.0052	U	0.0050	U	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	0.0038	U
Chloromethane	NC		0.0036	UJ	0.0052	U	0.0050	U	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	0.0038	U
cis-1,2-Dichloroethene	0.25	500	**0.013**	**J+**	**0.0047**	**J**	**0.015**	**J**	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	**0.0013**	**J**	**0.00085**	**J**	**0.0035**	**J**	**2.1**		**4**	
cis-1,3-Dichloropropene	NC	NC	0.0036	UJ	0.0052	U	0.0050	UJ	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	0.0038	U
Cyclohexane	NC	NC	0.0036	UJ	0.0052	U	0.0050	U	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	0.0038	U
Dibromochloromethane	NC	NC	0.0036	UJ	0.0052	U	0.0050	U	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	0.0038	U
Dichlorodifluoromethane	NC	NC	0.0036	UJ	0.0052	U	0.0050	U	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	0.0038	U
Ethylbenzene	1	390	0.0036	UJ	0.0052	U	0.0050	U	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	0.0038	U
1,2-Dibromoethane (Ethylene dibromide)	NC	NC	0.0036	UJ	0.0052	U	0.0050	UJ	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	0.0038	U
Isopropylbenzene	NC	NC	0.0036	UJ	0.0052	U	0.0050	U	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	0.0038	U
Methyl acetate	NC	NC	0.018	UJ	0.026	U	0.025	U	0.018	U	0.019	U	0.021	U	0.023	U	0.021	U	0.02	U	0.018	U	0.021	U	0.018	U	0.018	UJ	0.019	U
Methyl tert-butyl ether	0.93	500	0.0036	UJ	0.0052	U	0.0050	U	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	0.0038	U
Methylcyclohexane	NC	NC	0.0036	UJ	0.0052	U	0.0050	U	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	0.0038	U
Methylene chloride	0.05	500	**0.0022**	**J+**	0.0052	U	0.0050	U	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	**0.016**	
Styrene	NC	NC	0.0036	UJ	0.0052	U	0.0050	UJ	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	0.0038	U
Tetrachloroethene	1.3	150	0.0036	UJ	0.0052	U	0.0050	U	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	**0.0010**	**J**
Toluene	0.7	500	0.0036	UJ	0.0052	U	0.0050	U	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	**0.0015**	**J**
trans-1,2-Dichloroethene	0.19	500	0.0036	UJ	0.0052	U	0.0050	U	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	**0.0036**	**J**	**0.0017**	**J**
trans-1,3-Dichloropropene	NC	NC	0.0036	UJ	0.0052	U	0.0050	U	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	0.0038	UJ
Trichloroethene	0.47	200	**0.014**	**J+**	**0.0036**	**J**	**0.0090**		0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	**0.0023**	**J**	0.0036	UJ	**21**	
Trichlorofluoromethane	NC	NC	0.0036	UJ	0.0052	U	0.0050	U	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	0.0036	UJ	0.0038	U
Vinyl chloride	0.02	13	0.0036	UJ	0.0052	U	0.0050	U	0.0036	U	0.0038	U	0.0042	U	0.0047	U	0.0042	U	0.0040	U	0.0036	U	0.0042	U	0.0037	U	**0.059**	**J**	**0.022**	
Xylenes, total	0.26	500	0.0072	UJ	0.01	U	0.01	U	0.0072	U	0.0076	U	0.0084	U	0.0094	U	0.0084	U	0.0079	U	0.0073	U	0.0083	U	0.0073	U	0.0073	UJ	0.0077	U
Total VOC TICs	NC	NC	**0.0159**	**J**	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		**0.0229**	**J**
Total Organic Carbon	NC	NC	**4,530**		**6,350**		**13,600**		**7,280**		**2,440**		**9,670**		**7,580**		**2,640**		**14,000**		**5,440**		**16,500**		**6,060**		**4,020**		**7,850**	

Notes:
mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).
H - Sample was prepared or analyzed beyond the specified holding time.
J - Estimated value.
J+ - Estimated value; biased high.
N - Presumptive evidence of material.
NA - Sample not analyzed for the listed analyte.
NC - No NYSDEC SCOs exist for this analyte.
NYSDEC UUSCO - Title 6 NYCRR Part 375, Table 375-6.8(a) Unrestr
NYSDEC CUSCO - Title 6 NYCRR Part 375, Table 375-6.8(b) Comme
U - Analyte was not detected at specified quantitation limit.
UJ - Estimated non-detect.
Values in **bold** indicate the analyte was detected.
Values shown in bold and color type exceed the corresponding listed
VOCs - Volatile Organic Compounds.
TICs - Tentatively Identified Compounds.

Table 4
New York State Department of Environmental Conservation
SMP B - Stuart Olver Holtz - Site No. 828079
Henrietta, New York
Summary of Analysis of VOCs and TOC in Discrete Groundwater Samples - December 2021

Sample ID	SOH-DGW-01 (6-10)		SOH-DGW-01 (21-25)		SOH-DGW-01 (33-37)		SOH-DGW-02 (7-11)		SOH-DGW-02 (13-17)		SOH-DGW-02 (33-37)		SOH-DGW-03 (7-11)		SOH-DGW-03 (13-17)		SOH-DGW-03 (30-34)		SOH-DGW-04 (9-13)		SOH-DGW-04 (15-19)		SOH-DGW-04 (26-30)		SOH-DGW-05 (7-11)		DUP-2		SOH-DGW-05 (12-16)		SOH-DGW-05 (29-33)		SOH-DGW-06 (7-11)		SOH-DGW-06 (7-11)		SOH-DGW-06 (11-15)		SOH-DGW-06 (11-15)		SOH-DGW-06 (31-35)		SOH-DGW-07 (7-11)		SOH-DGW-07 (11-15)		SOH-DGW-07 (29-33)	
Laboratory ID	21L1283-05		21L0879-05		21L1283-02		21L0386-06		21L0386-07		21L0225-03		21L1283-07		21L0879-04		21L1283-06		21L0879-13		21L1093-03		21L1093-02		21L0631-09		21L0631-11		21L0631-12		21L0631-13		21L0225-04		21L1093-15		21L0225-02		21L1093-16		21L1283-04		21L0386-04		21L0386-03		21L0386-02	
Sample Depth	6-10 ft		21-25 ft		33-37 ft		7-11 ft		13-17 ft		33-37 ft		7-11 ft		13-17 ft		30-34 ft		9-13 ft		15-19 ft		26-30 ft		7-11 ft		7-11 ft		12-16 ft		29-33 ft		7-11 ft		7-11 ft		11-15 ft		11-15 ft		31-35 ft		7-11 ft		11-15 ft		29-33 ft	
Sample Date	12/15/2021		12/09/2021		12/15/2021		12/03/2021		12/06/2021		12/02/2021		12/16/2021		12/09/2021		12/16/2021		12/10/2021		12/13/2021		12/13/2021		12/07/2021		12/07/2021		12/07/2021		12/08/2021		12/02/2021		12/14/2021		12/01/2021		12/14/2021		12/15/2021		12/03/2021		12/03/2021		12/03/2021	
Analyte	**Class GA Value***	**Results (µg/L)**																																														
VOCs																																																
Acetone	50	**37**	J	59	U	**61**	J	**52**	J	240	U	**120**		**8.5**	J	47	U	**36**	J	**28**	J	4.7	U	**20**	J	2.4	U	2.4	U	47	U	**33**	J	240	U	NA		590	U	NA		**37**	J	47	U	240	U	4,700	U
Acrylonitrile	NC	1.4	U	NA		14	U	NA		NA		NA		0.69	U	NA		6.9	U	NA		1.4	U	2.8	U	NA		NA		NA		NA		NA		NA		NA		NA		1.4	U	NA		NA		NA	
tert-Amylmethyl Ether (TAME)	NC	0.3	U	NA		3	U	NA		NA		NA		0.15	U	NA		1.5	U	NA		0.3	U	0.6	U	NA		NA		NA		NA		NA		NA		NA		NA		0.3	U	NA		NA		NA	
Benzene	1	0.26	U	3.2	U	2.6	U	0.52	U	13	U	**0.26**	J	0.13	U	2.6	U	1.3	U	0.52	U	0.26	U	**0.68**	J	0.13	U	**0.21**	J	2.6	U	**1.2**	J	13	U	NA		32	U	NA		0.26	U	2.6	U	13	U	260	U
Bromobenzene	5	0.26	U	NA		2.6	U	NA		NA		NA		0.13	U	NA		1.3	U	NA		0.26	U	0.52	U	NA		NA		NA		NA		NA		NA		NA		NA		0.26	U	NA		NA		NA	
Bromochloromethane	5	0.72	U	9	U	7.2	U	1.4	U	36	U	0.36	U	0.36	U	7.2	U	3.6	U	1.4	U	0.72	U	1.4	U	0.36	U	0.36	U	7.2	U	1.8	U	36	U	NA		90	U	NA		0.72	U	7.2	U	36	U	720	U
Bromodichloromethane	50	0.28	U	3.5	U	2.8	U	0.56	UJ	14	UJ	0.14	UJ	0.14	U	2.8	U	1.4	U	0.56	U	0.28	U	0.56	U	0.14	UJ	0.14	UJ	2.8	UJ	0.7	UJ	14	UJ	NA		35	UJ	NA		0.28	U	2.8	UJ	14	UJ	280	UJ
Bromoform	50	0.58	U	7.2	U	5.8	U	1.2	U	29	U	0.29	U	0.29	U	5.8	U	2.9	U	1.2	U	0.58	U	1.2	U	0.29	U	0.29	U	5.8	U	1.4	U	29	U	NA		72	U	NA		0.58	U	5.8	U	29	U	580	U
Bromomethane	5	2.1	U	27	UJ	21	U	4.3	U	110	U	1.1	U	1.1	U	21	UJ	11	U	4.3	UJ	2.1	U	4.3	U	1.1	U	1.1	U	21	U	5.4	U	110	U	NA		270	U	NA		2.1	U	21	U	110	U	2,100	U
2-Butanone (MEK)	50	**6.4**	J	**63**	J	**110**	J	**70**	J	**460**	J	**45**		1.9	U	**86**	J	**58**	J	**42**	J	3.8	U	**33**	J	1.9	U	1.9	U	**170**	J	**75**	J	**450**	J	NA		470	U	NA		**9.0**	J	**120**	J	**440**	J	3,800	U
tert-Butyl Alcohol	NC	11	U	NA		110	U	NA		NA		NA		5.3	U	NA		53	U	NA		11	U	21	U	NA		NA		NA		NA		NA		NA		NA		NA		11	U	NA		NA		NA	
n-Butylbenzene	5	0.28	U	NA		2.8	U	NA		NA		NA		0.14	U	NA		1.4	U	NA		0.28	U	0.56	U	NA		NA		NA		NA		NA		NA		NA		NA		0.28	U	NA		NA		NA	
sec-Butylbenzene	5	0.2	U	NA		2	U	NA		NA		NA		0.1	U	NA		1	U	NA		0.2	U	0.4	U	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	NA		NA		NA	
tert-Butylbenzene	5	0.18	U	NA		1.8	U	NA		NA		NA		0.09	U	NA		0.9	U	NA		0.18	U	0.36	U	NA		NA		NA		NA		NA		NA		NA		NA		0.18	U	NA		NA		NA	
tert-Butylethyl Ether (TBEE)	NC	0.22	U	NA		2.2	U	NA		NA		NA		0.11	U	NA		1.1	U	NA		0.22	U	0.44	U	NA		NA		NA		NA		NA		NA		NA		NA		0.22	U	NA		NA		NA	
Carbon Disulfide	60	3	U	38	U	30	U	6.1	U	150	U	1.5	U	1.5	U	30	U	15	U	6.1	U	3	U	6.1	U	1.5	U	1.5	U	30	U	7.6	U	150	U	NA		380	U	NA		3	U	30	U	150	U	3,000	U
Carbon Tetrachloride	5	0.34	U	4.2	U	3.4	U	0.68	U	17	U	0.17	U	0.17	U	3.4	U	1.7	U	0.68	U	0.34	U	0.68	U	0.17	U	0.17	U	3.4	U	0.85	U	17	U	NA		42	U	NA		0.34	U	3.4	U	17	U	340	U
Chlorobenzene	5	0.16	U	2	U	1.6	U	0.32	U	8	U	0.08	U	0.08	U	1.6	U	0.8	U	0.32	U	0.16	U	0.32	U	0.08	U	0.08	U	1.6	U	0.4	U	8	U	NA		20	U	NA		0.16	U	1.6	U	8	U	160	U
Chlorodibromomethane	50	0.32	U	4	U	3.2	U	0.64	UJ	16	UJ	0.16	UJ	0.16	U	3.2	U	1.6	U	0.64	U	0.32	U	0.64	U	0.16	UJ	0.16	UJ	3.2	UJ	0.8	UJ	16	UJ	NA		40	UJ	NA		0.32	U	3.2	UJ	16	UJ	320	UJ
Chloroethane	5	0.74	U	9.2	U	7.4	U	**9.0**		**220**		**4.1**		0.37	U	7.4	U	**50**		1.5	U	0.74	U	**11**	**JH**	0.37	U	0.37	U	**35**	J	**29**		**290**		NA		**1,800**		NA		**12**		**41**		**170**	J	740	U
Chloroform	7	0.38	U	4.8	U	3.8	U	0.76	U	19	U	**0.42**	J	0.19	U	3.8	U	1.9	U	0.76	U	0.38	U	0.76	U	0.19	U	0.19	U	3.8	U	0.95	U	19	U	NA		48	U	NA		0.38	U	3.8	U	19	U	380	U
Chloromethane	5	0.76	U	9.5	UJ	7.6	U	1.5	U	38	U	0.38	UJ	0.38	U	7.6	UJ	3.8	U	1.5	UJ	0.76	U	1.5	U	0.38	U	0.38	U	7.6	U	1.9	U	38	UJ	NA		95	U	NA		0.76	U	7.6	U	38	U	760	U
2-Chlorotoluene	NC	0.18	U	NA		1.8	U	NA		NA		NA		0.09	U	NA		0.9	U	NA		0.18	U	0.36	U	NA		NA		NA		NA		NA		NA		NA		NA		0.18	U	NA		NA		NA	
4-Chlorotoluene	NC	0.2	U	NA		2	U	NA		NA		NA		0.1	U	NA		1	U	NA		0.2	U	0.4	U	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	NA		NA		NA	
Cyclohexane	NC	NA		38	U	NA		6.1	U	150	U	1.5	U	NA		31	U	NA		6.1	U	NA		NA		1.5	U	1.5	U	31	U	7.6	U	150	U	NA		380	U	NA		NA		31	U	150	U	3,100	U
1,2-Dibromo-3-Chloropropane (DBCP)	0.04	1.4	U	18	U	14	U	2.9	U	72	U	0.72	U	0.72	U	14	U	7.2	U	2.9	U	1.4	U	2.9	U	0.72	U	0.72	U	14	U	3.6	U	72	U	NA		180	U	NA		1.4	U	14	U	72	U	1,400	U
1,2-Dibromoethane	0.0006	0.3	U	3.8	U	3	U	0.6	UJ	15	UJ	0.15	UJ	0.15	U	3	U	1.5	U	0.6	U	0.3	U	0.6	U	0.15	UJ	0.15	UJ	3	UJ	0.75	UJ	15	UJ	NA		38	UJ	NA		0.3	U	3	UJ	15	UJ	300	UJ
Dibromomethane	NC	0.58	U	NA		5.8	U	NA		NA		NA		0.29	U	NA		2.9	U	NA		0.58	U	1.2	U	NA		NA		NA		NA		NA		NA		NA		NA		0.58	U	NA		NA		NA	
1,2-Dichlorobenzene	3	0.2	U	2.5	U	2	U	0.4	U	10	U	0.1	U	0.1	U	2	U	1	U	0.4	U	0.2	U	0.4	U	0.1	U	0.1	U	2	U	0.5	U	10	U	NA		25	U	NA		0.2	U	2	U	10	U	200	U
1,3-Dichlorobenzene	3	0.18	U	2.2	U	1.8	U	0.36	U	9	U	0.09	U	0.09	U	1.8	U	0.9	U	0.36	U	0.18	U	0.36	U	0.09	U	0.09	U	1.8	U	0.45	U	9	U	NA		22	U	NA		0.18	U	1.8	U	9	U	180	U
1,4-Dichlorobenzene	3	0.22	U	2.8	U	2.2	U	0.44	U	11	U	0.11	U	0.11	U	2.2	U	1.1	U	0.44	U	0.22	U	0.44	U	0.11	U	0.11	U	2.2	U	0.55	U	11	U	NA		28	U	NA		0.22	U	2.2	U	11	U	220	U
trans-1,4-Dichloro-2-Butene	NC	3.6	U	NA		36	U	NA		NA		NA		1.8	U	NA		18	U	NA		3.6	U	7.2	U	NA		NA		NA		NA		NA		NA		NA		NA		3.6	U	NA		NA		NA	
Dichlorodifluoromethane (Freon 12)	5	0.4	U	5	U	4	U	0.8	U	20	U	0.2	U	0.2	U	4	U	2	U	0.8	U	0.4	U	0.8	U	0.2	U	0.2	U	4	U	1	U	20	U	NA		50	U	NA		0.4	U	4	U	20	U	400	U
1,1-Dichloroethane	5	**350**		**2,100**		**250**		**290**		**11,000**		**73**		**1.6**		**410**		**890**		**160**		**300**		**400**		**1.5**		**2.2**		**1,700**		**410**		**9,100**		NA		**34,000**	**JH**	NA		**280**		**680**		**6,900**		**31,000**	
1,2-Dichloroethane	0.6	**2.5**		8	U	6.4	U	**10**		32	U	0.32	U	0.32	U	6.4	U	3.2	U	1.3	U	0.64	U	**2.7**	J	0.32	U	0.32	U	6.4	U	1.6	U	32	U	NA		80	U	NA		0.64	U	6.4	U	32	U	640	U
1,1-Dichloroethylene	5	**0.98**	J	**4.5**	J	3.2	U	**7.6**		**720**		**2.9**		0.16	U	**11**	J	**18**		**1.9**	J	**17**		**27**		**0.40**	J	**0.65**	J	**42**		**33**		**300**		NA		**1,700**		NA		**10**		**51**		**690**		**2,600**	
cis-1,2-Dichloroethylene	5	**1.9**	J	**5.5**	J	**11**	J	**23**		**720**		**6.5**		**0.66**	J	**1,300**		**290**		**110**		**14**		**230**		**7.2**		**17**		**1,500**		**730**		**1,400**		NA		**4,500**		NA		**52**		**1,400**		**2,200**		**160,000**	
trans-1,2-Dichloroethylene	5	0.34	U	4.2	U	3.4	U	**1.0**	J	**44**	J	0.17	UJ	0.17	U	**9.4**	J	7	U	**1.2**	J	**0.44**	J	0.68	U	0.17	U	**0.27**	J	**9.4**	J	**1.6**	J	17	UJ	NA		42	U	NA		**0.94**	J	**10**	J	17	U	**400**	J
1,2-Dichloropropane	1	0.36	U	4.5	U	3.6	U	0.72	UJ	18	UJ	0.18	UJ	0.18	U	3.6	U	1.8	U	0.72	U	0.36	U	0.72	U	0.18	UJ	0.18	UJ	3.6	UJ	0.9	UJ	18	UJ	NA		45	UJ	NA		0.36	U	3.6	UJ	18	UJ	360	UJ
1,3-Dichloropropane	NC	0.24	U	NA		2.4	U	NA		NA		NA		0.12	U	NA		1.2	U	NA		0.24	U	0.48	U	NA		NA		NA		NA		NA		NA		NA		NA		0.24	U	NA		NA		NA	
2,2-Dichloropropane	NC	0.62	U	NA		6.2	U	NA		NA		NA		0.31	U	NA		3.1	U	NA		0.62	U	1.2	U	NA		NA		NA		NA		NA		NA		NA		NA		0.62	U	NA		NA		NA	
1,1-Dichloropropene	NC	0.52	U	NA		5.2	U	NA		NA		NA		0.26	U	NA		2.6	U	NA		0.52	U	1	U	NA		NA		NA		NA		NA		NA		NA		NA		0.52	U	NA		NA		NA	
cis-1,3-Dichloropropene	0.4(a)	0.24	U	3	U	2.4	U	0.48	UJ	12	UJ	0.12	UJ	0.12	U	2.4	U	1.2	U	0.48	U	0.24	U	0.48	U	0.12	UJ	0.12	UJ	2.4	UJ	0.6	UJ	12	UJ	NA		30	UJ	NA		0.24	U	2.4	UJ	12	UJ	240	UJ
trans-1,3-Dichloropropene	0.4	0.3	U	3.8	U	3	U	0.6	U	15	U	0.15	U	0.15	U	3	U	1.5	U	0.6	U	0.3	U	0.6	U	0.15	U	0.15	U	3	U	0.75	U	15	U	NA		38	U	NA		0.3	U	3	U	15	U	300	U
Diethyl Ether	NC	0.44	U	NA		4.4	U	NA		NA		NA		0.22	U	NA		2.2	U	NA		0.44	U	0.88	U	NA		NA		NA		NA		NA		NA		NA		NA		0.44	U	NA		NA		NA	
Diisopropyl Ether (DIPE)	NC	0.3	U	NA		3	U	NA		NA		NA		0.15	U	NA		1.5	U	NA		0.3	U	0.6	U	NA		NA		NA		NA		NA		NA		NA		NA		0.3	U	NA		NA		NA	
1,4-Dioxane	NC	**160**	J	**1,100**	J	430	UJ	**700**	J	**5,000**	J	**1,100**	J	22	UJ	**710**	J	**620**	J	**260**		**550**	J	86	UJ	22	UJ	22	UJ	430	UJ	**350**	J	2,200	UJ	NA		5,400	UJ	NA		**170**	J	430	UJ	2,200	UJ	43,000	UJ
Ethyl Benzene	5	0.18	U	2.2	U	1.8	U	0.36	U	9	U	0.09	U	0.09	U	1.8	U	0.9	U	0.36	U	0.18	U	0.36	U	0.09	U	0.09	U	1.8	U	0.45	U	9	U	NA		22	U	NA		0.18	U	1.8	U	9	U	180	U
Hexachlorobutadiene	0.5	0.82	U	NA		8.2	U	NA		NA		NA		0.41	U	NA		4.1	U	NA		0.82	U	1.6	U	NA		NA		NA		NA		NA		NA		NA		NA		0.82	U	NA		NA		NA	
2-Hexanone (MBK)	50	2.8	U	35	U	28	U	5.6	U	140	U	1.4	U	1.4	U	28	U	14	U	5.6	U	2.8	U	5.6	U	1.4	U	1.4	U	28	U	7	U	140	U	NA		350	U	NA		2.8	U	28	U	140	U	2,800	U
Isopropylbenzene (Cumene)	5	0.2	U	2.5	U	2	U	0.4	U	10	U	0.1	U	0.1	U	2	U	1	U	0.4	U	0.2	U	0.4	U	0.1	U	0.1	U	2	U	0.5	U	10	U	NA		25	U	NA		0.2	U	2	U	10	U	200	U
p-Isopropyltoluene (p-Cymene)	5	0.18	U	NA		1.8	U	NA		NA		NA		0.09	U	NA		0.9	U	NA		0.18	U	0.36	U	NA		NA		NA		NA		NA		NA		NA		NA		0.18	U	NA		NA		NA	
Methyl Acetate	NC	0.78	U	9.8	U	7.8	U	**21**		**66**	J	0.39	U	0.39	U	7.8	U	3.9	U	1.6	U	0.78	U	1.6	U	0.39	U	0.39	U	**26**		**13**		**40**	J	NA		98	U	NA		0.78	U	**22**		**54**	J	780	U
Methyl tert-Butyl Ether (MTBE)	10	0.34	U	4.2	U	3.4	U	0.68	U	17	U	0.17	U	0.17	U	3.4	U	1.7	U	0.68	U	0.34	U	0.68	U	0.17	U	0.17	U	3.4	U	0.85	U	17	U	NA		42	U	NA		0.34	U	3.4	U	17	U	340	U
Methyl Cyclohexane	NC	0.66	U	8.2	U	6.6	U	1.3	U	33	U	0.33	U	0.33	U	6.6	U	3.3	U	1.3	U	0.66	U	1.3	U	0.33	U	0.33	U	6.6	U	1.6	U	33	U	NA		82	U	NA		0.66	U	6.6	U	33	U	660	U
Methylene Chloride	5	0.6	U	**14**	J	**13**	J	1.2	U	30	U	**0.56**	J	0.3	U	**17**	J	**7.5**	J	**10**	J	0.6	U	**2.9**	J	0.3	U	0.3	U	6	U	1.5	U	**90**	J	NA		**300**	J	NA		**1.7**	J	**6.2**	J	**750**		**4,600**	J
4-Methyl-2-pentanone (MIBK)	NC	3.2	U	40	U	32	U	6.5	U	160	U	1.6	U	1.6	U	32	U	16	U	6.5	U	3.2	U	6.5	U	1.6	U	1.6	U	32	U	8.1	U	160	U	NA		400	U	NA		3.2	U	32	U	160	U	3,200	U
Naphthalene	10	0.3	UJ	NA		3	UJ	NA		NA		NA		0.15	UJ	NA		1.5	UJ	NA		0.3	UJ	0.6	UJ	NA		NA		NA		NA		NA		NA		NA		NA		0.3	UJ	NA		NA		NA	
n-Propylbenzene	5	0.16	U	NA		1.6	U	NA		NA		NA		0.08	U	NA		0.8	U	NA		0.16	U	0.32	U	NA		NA		NA		NA		NA		NA		NA		NA		0.16	U	NA		NA		NA	
Styrene	5	0.16	U	2	U	1.6	U	0.32	U	8	U	0.08	U	0.08	U	1.6	U	0.8	U	0.32	U	0.16	U	0.32	U	0.08	U	0.08	U	1.6	U	0.4	U	8	U	NA		20	U	NA		0.16	U	1.6	U	8	U	160	U
1,1,1,2-Tetrachloroethane	NC	0.28	U	NA		2.8	U	NA		NA		NA		0.14	U	NA		1.4	U	NA		0.28	U	0.56	U	NA		NA		NA		NA		NA		NA		NA		NA		0.28	U	NA		NA		NA	
1,1,2,2-Tetrachloroethane	5	0.18	U	2.2	U	1.8	U	0.36	U	9	U	0.09	U	0.09	U	1.8	U	0.9	U	0.36	U	0.18	U	0.36	U	0.09	U	0.09	U	1.8	U	0.45	U	9	U	NA		22	U	NA		0.18	U	1.8	U	9	U	180	U
Tetrachloroethylene	5	0.4	U	5	U	4	U	0.8	U	20	U	0.2	U	0.2	U	4	U	2	U	0.8	U	0.4	U	0.8	U	**1.3**		**2.5**		4	U	1	U	**29**	J	NA		50	U	NA		0.4	U	**55**		**140**		400	U
Tetrahydrofuran	NC	1.2	U	NA		12	U	NA		NA		NA		0.58	U	NA		5.8	U	NA		**4.1**	J	2.3	U	NA		NA		NA		NA		NA		NA		NA		NA		1.2	U	NA		NA		NA	
Toluene	5	0.22	U	2.8	U	2.2	U	**0.56**	J	11	U	**0.80**	J	0.11	U	2.2	U	1.1	U	**0.68**	J	**0.34**	J	**0.76**	J	**0.18**	J	**0.32**	J	2.2	U	**0.95**	J	11	U	NA		28	U	NA		0.22	U	2.2	U	11	U	220	U
1,2,3-Trichlorobenzene	5	0.28	UJ	3.5	U	2.8	UJ	0.56	UJ	14	UJ	0.14	UJ	0.14	UJ	2.8	U	1.4	UJ	0.56	U	0.28	UJ	0.56	UJ	0.14	UJ	0.14	UJ	2.8	UJ	0.7	UJ	14	UJ	NA		35	UJ	NA		0.28	UJ	2.8	UJ	14	UJ	280	UJ
1,2,4-Trichlorobenzene	5	0.32	UJ	4	U	3.2	UJ	0.64	UJ	16	UJ	0.16	UJ	0.16	UJ	3.2	U	1.6	UJ	0.64	U	0.32	UJ	0.64	UJ	0.16	UJ	0.16	UJ	3.2	UJ	0.8	UJ	16	UJ	NA		40	UJ	NA		0.32	UJ	3.2	UJ	16	UJ	320	UJ
1,3,5-Trichlorobenzene	NC	0.36	U	NA		3.6	U	NA		NA		NA		0.18	U	NA		1.8	U	NA		0.36	U	0.72	U	NA		NA		NA		NA		NA		NA		NA		NA		0.36	U	NA		NA		NA	
1,1,1-Trichloroethane	5	**2.6**		**6.0**	J	3.4	U	**46**		**120**		**13**		0.17	U	3.4	U	1.7	U	**1.4**	J	**2.3**		0.68	U	**1.2**		**2.1**		**23**		**0.90**	J	**1,300**		NA		**4,100**		NA		**16**		**400**		**6,300**		**17,000**	
1,1,2-Trichloroethane	1	0.3	U	3.8	U	3	U	**8.5**	J	15	UJ	0.15	UJ	0.15	U	3	U	1.5	U	0.6	U	0.3	U	0.6	U	0.15	UJ	0.15	UJ	3	UJ	0.75	UJ	15	UJ	NA		38	UJ	NA		0.3	U	3	UJ	15	UJ	300	UJ
Trichloroethylene	5	**0.82**	J	4.5	U	3.6	U	**2.7**	J	18	UJ	**0.32**	J	0.18	U	3.6	U	1.8	U	**47**		**7.0**		0.72	U	**26**	J	**54**	J	**87**	J	**2.8**	J	**61**	J	NA		**280**	J	NA		**46**		**510**	J	**490**	J	**5,200**	J
Trichlorofluoromethane (Freon 11)	5	0.38	U	4.8	U	3.8	U	0.76	U	19	U	0.19	U	0.19	U	3.8	U	1.9	U	0.76	U	0.38	U	0.76	U	0.19	U	0.19	U	3.8	U	0.95	U	19	U	NA		48	U	NA		0.38	U	3.8	U	19	U	380	U
1,2,3-Trichloropropane	0.04	0.62	U	NA		6.2	U	NA		NA		NA		0.31	U	NA		3.1	U	NA		0.62	U	1.2	U	NA		NA		NA		NA		NA		NA		NA		NA		0.62	U	NA		NA		NA	
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	0.48	U	6	U	4.8	U	0.96	U	24	U	0.24	U	0.24	U	4.8	U	2.4	U	0.96	U	0.48	U	0.96	U	0.24	U	0.24	U	**18**	J	1.2	U	24	U	NA		**200**	J	NA		0.48	U	4.8	U	**170**		480	U
1,2,4-Trimethylbenzene	5	0.2	U	NA		2	U	NA		NA		NA		0.1	U	NA		1	U	NA		0.2	U	0.4	U	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	NA		NA		NA	
1,3,5-Trimethylbenzene	5	0.2	U	NA		2	U	NA		NA		NA		0.1	U	NA		1	U	NA		0.2	U	0.4	U	NA		NA		NA		NA		NA		NA		NA		NA		0.2	U	NA		NA		NA	
Vinyl Chloride	2	0.4	U	5	U	4	U	0.8	UJ	**24**	J	**1.0**	J	0.2	U	**170**		**57**		0.8	U	**3.4**	J	**6.5**	J	0.2	UJ	**0.32**	J	**240**	J	**76**	J	**62**	J	NA		**240**	J	NA		**15**		**38**	J	**160**	J	**1,300**	J
m/p Xylene	5(b)	0.36	U	4.5	U	3.6	U	0.72	U	18	U	0.18	U	0.18	U	3.6	U	1.8	U	0.72	U	0.36	U	0.72	U	0.18	U	**0.23**	J	3.6	U	0.9	U	18	U	NA		45	U	NA		0.36	U	3.6	U	18	U	360	U
o-Xylene	5(b)	0.18	U	2.2	U	1.8	U	0.36	U	9	U	0.09	U	0.09	U	1.8	U	0.9	U	0.36	U	0.18	U	0.36	U	0.09	U	**0.12**	J	1.8	U	0.45	U	9	U	NA		22	U	NA		0.18	U	1.8	U	9	U	180	U
Xylenes, total	5	0.36	U	4.5	U	3.6	U	0.72	U	18	U	0.18	U	0.18	U	3.6	U	1.8	U	0.72	U	0.36	U	0.72	U	0.18	U	**0.35**	J	3.6	U	0.9	U	18	U	NA		45	U	NA		0.36	U	3.6	U	18	U	360	U
Total VOC TICs	NC	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Total Organic Carbon	NC	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		**12,000**		NA		**13,000**		**3,000**		NA		NA		NA	

Notes:
ug/L - micrograms per liter.
J - Estimated value.
JH – Estimated value, biased high.
NA - Sample not analyzed for the listed analyte.
NC - No NYSDEC standards exist for this analyte.
U - Analyte was not detected at specified quantitation limit.
UJ - Estimated non-detect.
Values in **bold** indicate the analyte was detected.
Values shown in bold and shaded type exceed the listed Guidance Value.
VOCs - Volatile Organic Compounds.
* - NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Water
(a) - criteria applicable to xylene (total), the sum of the xylene isomers.
(b) - criteria applicable to the sum of the cis and trans isomers.
TICs - Tentatively Identified Compounds.

Table 4
New York State Department of Environmental Conservation
SMP B - Stuart Olver Holtz - Site No. 828079
Henrietta, New York
Summary of Analysis of VOCs and TOC in Discrete Groundwater Samples - December 2021

Sample ID		SOH-DGW-08 (7-11)		SOH-DGW-08 (11-15)		SOH-DGW-08 (26-30)		SOH-DGW-09 (8-12)		SOH-DGW-09 (20-24)		SOH-DGW-09 (25-29)		SOH-DGW-10 (5-9)		SOH-DGW-10 (18-22)		SOH-DGW-10(22-26)		SOH-DGW-11 (5-9)		SOH-DGW-11 (11-15)		SOH-DGW-11 (22-26)		SOH-DGW-12 (7-11)		SOH-DGW-12 (21-25)		SOH-DGW-12 (31-35)		SOH-DGW-13 (7-11)		SOH-DGW-13 (12-16)		SOH-DGW-13 (30-34)		SOH-DGW-14 (9-13)		SOH-DGW-14 (21-15)		SOH-DGW-14 (31-35)		SOH-DGW-15 (9-13)		SOH-DGW-15 (21-25)		SOH-DGW-15 (31-35)		SOH-DGW-16(8-12)		SOH-DGW-16 (17-21)		SOH-DGW-16 (31-35)	
Laboratory ID		21L0631-06		21L0631-07		21L0879-09		21L0879-06		21L0879-07		21L0879-08		21L0386-05		21L0386-08		21L0631-01		21L0879-10		21L0879-11		21L0879-12		21L0631-08		21L1093-13		21L1093-14		21L0631-15		21L0631-14		21L0879-02		21L0631-16		21L0631-17		21L1283-03		21L0631-18		21L0631-19		21L0879-03		21L0631-04		21L0631-05		21L1093-12	
Sample Depth		7-11 ft		11-15 ft		26-30 ft		8-12 ft		20-24 ft		25-29 ft		5-9 ft		18-22 ft		22-26 ft		5-9 ft		11-15 ft		22-26 ft		7-11 ft		21-25 ft		31-35 ft		21-25 ft		12-16 ft		30-34 ft		9-13 ft		21-25 ft		31-35 ft		9-13 ft		21-25 ft		31-35 ft		8-12 ft		17-21 ft		31-35 ft	
Sample Date		12/07/2021		12/07/2021		12/09/2021		12/09/2021		12/09/2021		12/09/2021		12/03/2021		12/06/2021		12/07/2021		12/10/2021		12/10/2021		12/10/2021		12/07/2021		12/14/2021		12/14/2021		12/08/2021		12/08/2021		12/08/2021		12/09/2021		12/08/2021		12/15/2021		12/08/2021		12/08/2021		12/09/2021		12/07/2021		12/07/2021		12/07/2021		12/14/2021	
Analyte	**Class GA Value***	**Results (µg/L)**																																																						
Acetone	50	2.4	U	4.7	U	**130**	**J**	240	U	1,200	U	2,400	U	47	U	**59**	**J**	**15**	**J**	**6.9**	**J**	94	U	240	U	940	U	**3.4**	**J**	**88**	**J**	2.4	U	12	U	**15**	**J**	1,200	U	24	U	59	U	12	U	2.4	U	**3.7**	**J**	940	U	**120**	**J**	**140**	**J**
Acrylonitrile	NC	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		17	U	NA		NA		NA		NA		NA		NA		14	U
tert-Amylmethyl Ether (TAME)	NC	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.15	U	3	U	NA		NA		NA		NA		NA		3.8	U	NA		NA		NA		NA		NA		NA		3	U
Benzene	1	**0.41**	**J**	**0.68**	**J**	2.6	U	13	U	65	U	130	U	2.6	U	2.6	U	**0.38**	**J**	**0.15**	**J**	5.2	U	13	U	52	U	0.13	U	2.6	U	**0.25**	**J**	**0.70**	**J**	**0.29**	**J**	65	U	**2.5**	**J**	3.2	U	**0.80**	**J**	**1.0**		**0.13**	**J**	52	U	**1.7**	**J**	2.6	U
Bromobenzene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	2.6	U	NA		NA		NA		NA		NA		3.2	U	NA		NA		NA		NA		NA		NA		2.6	U
Bromochloromethane	5	0.36	U	0.72	U	7.2	U	36	U	180	U	360	U	7.2	U	7.2	U	0.36	U	0.36	U	14	U	36	U	140	U	0.36	U	7.2	U	0.36	U	1.8	U	0.36	U	180	U	3.6	U	9	U	1.8	U	0.36	U	0.36	U	140	U	3.6	U	7.2	U
Bromodichloromethane	50	0.14	UJ	0.28	UJ	2.8	U	14	U	70	U	140	U	2.8	UJ	2.8	UJ	0.14	UJ	0.14	U	5.6	U	14	U	56	UJ	0.14	U	2.8	U	0.14	UJ	0.7	UJ	0.14	U	70	UJ	1.4	UJ	3.5	U	0.7	UJ	0.14	UJ	0.14	U	56	UJ	1.4	UJ	2.8	U
Bromoform	50	0.29	U	0.58	U	5.8	U	29	U	140	U	290	U	5.8	U	5.8	U	0.29	U	0.29	U	12	U	29	U	120	U	0.29	U	5.8	U	0.29	U	1.4	U	0.29	U	140	U	2.9	U	7.2	U	1.4	U	0.29	U	0.29	U	120	U	2.9	U	5.8	U
Bromomethane	5	1.1	U	2.1	U	21	UJ	110	UJ	540	UJ	1,100	UJ	21	U	21	U	1.1	U	1.1	UJ	43	UJ	110	UJ	430	U	1.1	U	21	U	1.1	U	5.4	U	1.1	UJ	540	U	11	U	27	U	5.4	U	1.1	U	1.1	UJ	430	U	11	U	21	U
2-Butanone (MEK)	50	1.9	U	**7.3**	**J**	**120**	**J**	**290**	**J**	940	U	1,900	U	**100**	**J**	**120**	**J**	**3.2**	**J**	1.9	U	**130**	**J**	190	U	750	U	1.9	U	**110**	**J**	**2.9**	**J**	**81**	**J**	**4.3**	**J**	940	U	**65**	**J**	**59**	**J**	**72**	**J**	1.9	U	**1.9**	**J**	750	U	**160**	**J**	**100**	**J**
tert-Butyl Alcohol	NC	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		5.3	U	110	U	NA		NA		NA		NA		130	U	NA		NA		NA		NA		NA		NA		110	U
n-Butylbenzene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.14	U	2.8	U	NA		NA		NA		NA		NA		3.5	U	NA		NA		NA		NA		NA		NA		2.8	U
sec-Butylbenzene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.1	U	2	U	NA		NA		NA		NA		NA		2.5	U	NA		NA		NA		NA		NA		NA		2	U
tert-Butylbenzene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.09	U	1.8	U	NA		NA		NA		NA		NA		2.2	U	NA		NA		NA		NA		NA		NA		1.8	U
tert-Butylethyl Ether (TBEE)	NC	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.11	U	2.2	U	NA		NA		NA		NA		NA		2.8	U	NA		NA		NA		NA		NA		NA		2.2	U
Carbon Disulfide	60	1.5	U	3	U	30	U	150	U	760	U	1,500	U	30	U	30	U	1.5	U	1.5	U	61	U	150	U	610	U	1.5	U	30	U	1.5	U	7.6	U	1.5	U	760	U	15	U	38	U	7.6	U	1.5	U	1.5	U	610	U	15	U	30	U
Carbon Tetrachloride	5	0.17	U	0.34	U	3.4	U	17	U	85	U	170	U	3.4	U	3.4	U	0.17	U	0.17	U	6.8	U	17	U	68	U	0.17	U	3.4	U	0.17	U	0.85	U	0.17	U	85	U	1.7	U	4.2	U	0.85	U	0.17	U	0.17	U	68	U	1.7	U	3.4	U
Chlorobenzene	5	0.08	U	0.16	U	1.6	U	8	U	40	U	80	U	1.6	U	1.6	U	0.08	U	0.08	U	3.2	U	8	U	32	U	0.08	U	1.6	U	0.08	U	0.4	U	0.08	U	40	U	0.8	U	2	U	0.4	U	0.08	U	0.08	U	32	U	0.8	U	1.6	U
Chlorodibromomethane	50	0.16	UJ	0.32	UJ	3.2	U	16	U	80	U	160	U	3.2	UJ	3.2	UJ	0.16	UJ	0.16	U	6.4	U	16	U	64	UJ	0.16	U	3.2	U	0.16	UJ	0.8	UJ	0.16	U	80	UJ	1.6	UJ	4	U	0.8	UJ	0.16	UJ	0.16	U	64	UJ	1.6	UJ	3.2	UJ
Chloroethane	5	**1.5**	**J**	0.74	U	**10**	**J**	**150**	**J**	**420**	**J**	**820**	**J**	**120**		7.4	U	**1.2**	**J**	**1.8**	**J**	15	U	37	U	150	U	**1.2**	**J**	**1,700**	**JH**	**1.6**	**J**	**6.6**	**J**	0.37	U	180	U	**5.1**	**J**	**74**		1.8	U	0.37	U	0.37	U	150	U	**4.7**	**J**	7.4	UJ
Chloroform	7	0.19	U	0.38	U	3.8	U	19	U	95	U	190	U	3.8	U	3.8	U	0.19	U	0.19	U	7.6	U	19	U	76	U	0.19	U	3.8	U	0.19	U	0.95	U	0.19	U	95	U	1.9	U	4.8	U	0.95	U	0.19	U	0.19	U	76	U	1.9	U	3.8	U
Chloromethane	5	0.38	U	0.76	U	7.6	UJ	38	UJ	190	UJ	380	UJ	7.6	U	7.6	U	0.38	UJ	0.38	UJ	15	UJ	38	UJ	150	U	0.38	U	7.6	U	0.38	U	1.9	U	0.38	UJ	190	U	3.8	U	9.5	U	1.9	U	0.38	U	0.38	UJ	150	U	3.8	U	7.6	U
2-Chlorotoluene	NC	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.09	U	1.8	U	NA		NA		NA		NA		NA		2.2	U	NA		NA		NA		NA		NA		NA		1.8	U
4-Chlorotoluene	NC	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.1	U	2	U	NA		NA		NA		NA		NA		2.5	U	NA		NA		NA		NA		NA		NA		2	U
Cyclohexane	NC	1.5	U	3.1	U	31	U	150	U	760	U	1,500	U	31	U	31	U	1.5	U	1.5	U	61	U	150	U	610	U	NA		NA		1.5	U	7.6	U	1.5	U	760	U	15	U	NA		7.6	U	1.5	U	1.5	U	610	U	15	U	NA	
1,2-Dibromo-3-Chloropropane (DBCP)	0.04	0.72	U	1.4	U	14	U	72	U	360	U	720	U	14	U	14	U	0.72	U	0.72	U	29	U	72	U	290	U	0.72	U	14	U	0.72	U	3.6	U	0.72	U	360	U	7.2	U	18	U	3.6	U	0.72	U	0.72	U	290	U	7.2	U	14	U
1,2-Dibromoethane	0.0006	0.15	UJ	0.3	UJ	3	U	15	U	75	U	150	U	3	UJ	3	UJ	0.15	UJ	0.15	U	6	U	15	U	60	UJ	0.15	U	3	U	0.15	UJ	0.75	UJ	0.15	U	75	UJ	1.5	UJ	3.8	U	0.75	UJ	0.15	UJ	0.15	U	60	UJ	1.5	UJ	3	U
Dibromomethane	NC	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.29	U	5.8	U	NA		NA		NA		NA		NA		7.2	U	NA		NA		NA		NA		NA		NA		5.8	U
1,2-Dichlorobenzene	3	0.1	U	0.2	U	2	U	10	U	50	U	100	U	2	U	2	U	0.1	U	0.1	U	4	U	10	U	40	U	0.1	U	2	U	0.1	U	0.5	U	0.1	U	50	U	1	U	2.5	U	0.5	U	0.1	U	0.1	U	40	U	1	U	2	U
1,3-Dichlorobenzene	3	0.09	U	0.18	U	1.8	U	9	U	45	U	90	U	1.8	U	1.8	U	0.09	U	0.09	U	3.6	U	9	U	36	U	0.09	U	1.8	U	0.09	U	0.45	U	0.09	U	45	U	0.9	U	2.2	U	0.45	U	0.09	U	0.09	U	36	U	0.9	U	1.8	U
1,4-Dichlorobenzene	3	0.11	U	0.22	U	2.2	U	11	U	55	U	110	U	2.2	U	2.2	U	0.11	U	0.11	U	4.4	U	11	U	44	U	0.11	U	2.2	U	0.11	U	0.55	U	0.11	U	55	U	1.1	U	2.8	U	0.55	U	0.11	U	0.11	U	44	U	1.1	U	2.2	U
trans-1,4-Dichloro-2-Butene	NC	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		1.8	U	36	U	NA		NA		NA		NA		NA		NA		45	U	NA		NA		NA		NA		NA		36	U
Dichlorodifluoromethane (Freon 12)	5	0.2	U	0.4	U	4	U	20	U	100	U	200	U	4	U	4	U	0.2	U	0.2	U	8	U	20	U	80	U	0.2	U	4	U	0.2	U	1	U	0.2	U	100	U	2	U	5	U	1	U	0.2	U	0.2	U	80	U	2	U	4	U
1,1-Dichloroethane	5	**110**		**19**		**420**		**4,100**		**42,000**		**20,000**		**1,800**		**1,500**		**44**		**86**		**460**		**11,000**		**1,000**		**1.2**		**2,300**		**44**		**510**		**16**		**3,000**		**480**		**3,500**		**40**		**27**		**5.3**		**3,400**		**660**		**530**	
1,2-Dichloroethane	0.6	0.32	U	0.64	U	6.4	U	32	U	160	U	320	U	6.4	U	6.4	U	0.32	U	0.32	U	13	U	32	U	130	U	0.32	U	6.4	U	0.32	U	1.6	U	0.32	U	160	U	3.2	U	8	U	1.6	U	0.32	U	0.32	U	130	U	3.2	U	6.4	U
1,1-Dichloroethylene	5	**11**		**1.3**	**J**	**13**	**J**	**270**		**2,200**		**2,400**		**150**		**35**		**3.2**		**3.4**		**75**		**260**		**530**		0.16	U	**21**		**1.0**		**50**		**1.0**		**170**	**J**	**14**		**8.0**	**J**	**2.6**	**J**	**0.62**	**J**	0.16	U	**1,700**		**23**		**44**	
cis-1,2-Dichloroethylene	5	**44**		**9.1**		**770**		**620**		**51,000**		**85,000**		**430**		**600**		**3.8**		**15**		**450**		**6,500**		**17,000**		**4.6**		**41**		**31**		**250**		**11**		**320**	**J**	**200**		**21**	**J**	**33**		**2.2**		**0.18**	**J**	**4,200**		**420**		**420**	
trans-1,2-Dichloroethylene	5	**0.39**	**J**	0.34	U	**12**	**J**	17	U	55	U	170	U	**11**	**J**	**5.0**	**J**	0.17	U	**0.17**	**J**	6.8	U	17	U	**170**	**J**	0.17	U	**2.0**	**J**	**1.2**	**J**	0.17	U	85	U	1.7	U	4.2	U	**2.2**	**J**	0.17	U	0.17	U	68	U	1.7	U	**4.4**	**J**
1,2-Dichloropropane	1	0.18	UJ	0.36	UJ	3.6	U	18	U	90	U	180	U	3.6	UJ	3.6	UJ	0.18	UJ	0.18	U	7.2	U	18	U	72	UJ	0.18	U	3.6	U	0.18	UJ	0.9	UJ	0.18	U	90	UJ	1.8	UJ	4.5	U	0.9	UJ	0.18	UJ	0.18	U	72	UJ	1.8	UJ	3.6	U
1,3-Dichloropropane	NC	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.12	U	2.4	U	NA		NA		NA		NA		NA		3	U	NA		NA		NA		NA		NA		NA		2.4	U
2,2-Dichloropropane	NC	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.31	U	6.2	U	NA		NA		NA		NA		NA		7.8	U	NA		NA		NA		NA		NA		NA		6.2	U
1,1-Dichloropropene	NC	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.26	U	5.2	U	NA		NA		NA		NA		NA		6.5	U	NA		NA		NA		NA		NA		NA		5.2	U
cis-1,3-Dichloropropene	0.4(a)	0.12	UJ	0.24	UJ	2.4	U	12	U	60	U	120	U	2.4	UJ	2.4	UJ	0.12	UJ	0.12	U	4.8	U	12	U	48	UJ	0.12	U	2.4	U	0.12	UJ	0.6	UJ	0.12	U	60	UJ	1.2	UJ	3	U	0.6	UJ	0.12	UJ	0.12	U	48	UJ	1.2	UJ	2.4	U
trans-1,3-Dichloropropene	0.4	0.15	U	0.3	U	3	U	15	U	75	U	150	U	3	U	3	U	0.15	U	0.15	U	6	U	15	U	60	U	0.15	U	3	U	0.15	U	0.75	U	0.15	U	75	U	1.5	U	3.8	U	0.75	U	0.15	U	0.15	U	60	U	1.5	U	3	U
Diethyl Ether	NC	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.22	U	4.4	U	NA		NA		NA		NA		NA		5.5	U	NA		NA		NA		NA		NA		NA		4.4	U
Diisopropyl Ether (DIPE)	NC	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.15	U	3	U	NA		NA		NA		NA		NA		3.8	U	NA		NA		NA		NA		NA		NA		3	U
1,4-Dioxane	NC	**1,100**	**J**	**400**	**J**	430	U	2,200	U	11,000	U	22,000	U	430	UJ	**1,300**	**J**	**340**	**J**	**23**	**J**	860	U	**5,700**		8,600	UJ	**190**	**J**	**590**	**J**	22	UJ	110	UJ	**95**		11,000	UJ	**880**	**J**	**2,200**	**J**	110	UJ	**2,000**	**J**	22	U	8,600	UJ	**660**	**J**	430	UJ
Ethyl Benzene	5	0.09	U	0.18	U	1.8	U	**12**	**J**	45	U	90	U	1.8	U	1.8	U	0.09	U	0.09	U	3.6	U	9	U	36	U	0.09	U	1.8	U	0.09	U	0.45	U	0.09	U	45	U	0.9	U	2.2	U	0.45	U	0.09	U	0.09	U	36	U	0.9	U	1.8	U
Hexachlorobutadiene	0.5	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.41	U	8.2	U	NA		NA		NA		NA		NA		10	U	NA		NA		NA		NA		NA		NA		8.2	U
2-Hexanone (MBK)	50	1.4	U	2.8	U	28	U	140	U	700	U	1,400	U	28	U	28	U	1.4	U	1.4	U	56	U	140	U	560	U	1.4	U	28	U	1.4	U	7	U	1.4	U	700	U	14	U	35	U	7	U	1.4	U	1.4	U	560	U	14	U	28	U
Isopropylbenzene (Cumene)	5	0.1	U	0.2	U	2	U	10	U	50	U	100	U	2	U	2	U	0.1	U	0.1	U	4	U	10	U	40	U	0.1	U	2	U	0.1	U	0.5	U	0.1	U	50	U	1	U	2.5	U	0.5	U	0.1	U	0.1	U	40	U	1	U	2	U
p-Isopropyltoluene (p-Cymene)	5	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.09	U	1.8	U	NA		NA		NA		NA		NA		2.2	U	NA		NA		NA		NA		NA		NA		1.8	U
Methyl Acetate	NC	0.39	U	0.78	U	7.8	U	39	U	200	U	390	U	**16**	**J**	**16**	**J**	0.39	U	0.39	U	16	U	39	U	160	U	0.39	U	7.8	U	0.39	U	**17**		0.39	U	200	U	3.9	U	9.8	U	**9.6**		0.39	U	0.39	U	160	U	**32**		7.8	U
Methyl tert-Butyl Ether (MTBE)	10	0.17	U	0.34	U	3.4	U	17	U	85	U	170	U	3.4	U	3.4	U	0.17	U	0.17	U	6.8	U	17	U	68	U	0.17	U	3.4	U	0.17	U	0.85	U	0.17	U	85	U	1.7	U	4.2	U	0.85	U	0.17	U	0.17	U	68	U	1.7	U	3.4	U
Methyl Cyclohexane	NC	0.33	U	0.66	U	6.6	U	33	U	160	U	330	U	6.6	U	6.6	U	0.33	U	0.33	U	13	U	33	U	130	U	0.33	U	6.6	U	0.33	U	1.6	U	0.33	U	160	U	3.3	U	8.2	U	1.6	U	0.33	U	0.33	U	130	U	3.3	U	6.6	U
Methylene Chloride	5	0.3	U	0.6	U	**120**		**270**	**J**	**8,800**		**3,100**	**J**	**10**	**J**	6	U	0.3	U	**0.47**	**J**	**25**	**J**	**53**	**J**	120	U	**0.34**	**J**	**670**		0.3	U	1.5	U	0.3	U	150	U	**14**	**J**	**16**	**J**	**4.4**	**J**	0.3	U	0.3	U	120	U	3	U	**60**	**J**
4-Methyl-2-pentanone (MIBK)	NC	1.6	U	3.2	U	32	U	160	U	810	U	1,600	U	32	U	32	U	1.6	U	1.6	U	65	U	160	U	650	U	1.6	U	32	U	1.6	U	8.1	U	1.6	U	810	U	16	U	40	U	8.1	U	1.6	U	1.6	U	650	U	16	U	32	U
Naphthalene	10	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.15	UJ	3	UJ	NA		NA		NA		NA		NA		3.8	UJ	NA		NA		NA		NA		NA		NA		3	UJ
n-Propylbenzene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.08	U	1.6	U	NA		NA		NA		NA		NA		2	U	NA		NA		NA		NA		NA		NA		1.6	U
Styrene	5	0.08	U	0.16	U	1.6	U	8	U	40	U	80	U	1.6	U	1.6	U	0.08	U	0.08	U	3.2	U	8	U	32	U	0.08	U	1.6	U	0.08	U	0.4	U	0.08	U	40	U	0.8	U	2	U	0.4	U	0.08	U	0.08	U	32	U	0.8	U	1.6	U
1,1,1,2-Tetrachloroethane	NC	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.14	U	2.8	U	NA		NA		NA		NA		NA		3.5	U	NA		NA		NA		NA		NA		NA		2.8	U
1,1,2,2-Tetrachloroethane	5	0.09	U	0.18	U	1.8	U	9	U	45	U	90	U	1.8	U	1.8	U	0.09	U	0.09	U	3.6	U	9	U	36	U	0.09	U	1.8	U	0.09	U	0.45	U	0.09	U	45	U	0.9	U	2.2	U	0.45	U	0.09	U	0.09	U	36	U	0.9	U	1.8	U
Tetrachloroethylene	5	**8.2**		**1.4**	**J**	4	U	**150**		100	U	200	U	**8.8**	**J**	4	U	0.2	U	**3.2**		**15**	**J**	20	U	**240**	**J**	0.2	U	4	U	0.2	U	**230**		**17**		**37,000**		**110**		5	U	**250**		**28**		0.2	U	**700**		**9.0**	**J**	4	U
Tetrahydrofuran	NC	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.58	U	12	U	NA		NA		NA		NA		NA		14	U	NA		NA		NA		NA		NA		NA		12	U
Toluene	5	**0.55**	**J**	**1.0**	**J**	**8.4**	**J**	**16**	**J**	**300**	**J**	**260**	**J**	2.2	U	2.2	U	**0.35**	**J**	**0.38**	**J**	4.4	U	11	U	44	U	**0.22**	**J**	2.2	U	**0.36**	**J**	**0.60**	**J**	**0.37**	**J**	55	U	**2.0**	**J**	2.8	U	**0.60**	**J**	**0.88**	**J**	**0.16**	**J**	44	U	**5.6**	**J**	**2.8**	**J**
1,2,3-Trichlorobenzene	5	0.14	UJ	0.28	UJ	2.8	U	14	U	70	U	140	U	2.8	UJ	2.8	UJ	0.14	UJ	0.14	U	5.6	U	14	U	56	UJ	0.14	UJ	2.8	U	0.14	UJ	0.7	UJ	0.14	U	70	UJ	1.4	UJ	3.5	U	0.7	UJ	0.14	UJ	0.14	U	56	UJ	1.4	UJ	2.8	UJ
1,2,4-Trichlorobenzene	5	0.16	UJ	0.32	UJ	3.2	U	16	U	80	U	160	U	3.2	UJ	3.2	UJ	0.16	UJ	0.16	U	6.4	U	16	U	64	UJ	0.16	UJ	3.2	UJ	0.16	UJ	0.8	UJ	0.16	U	80	UJ	1.6	UJ	4	UJ	0.8	UJ	0.16	UJ	0.16	U	64	UJ	1.6	UJ	3.2	UJ
1,3,5-Trichlorobenzene	NC	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.18	U	3.6	U	NA		NA		NA		NA		NA		4.5	U	NA		NA		NA		NA		NA		NA		3.6	U
1,1,1-Trichloroethane	5	**90**		**6.5**		**670**		**7,700**		**32,000**		**63,000**		**300**		**6.2**	**J**	**6.6**		**59**		**350**		**47**	**J**	**610**		**1.6**		**120**		**0.37**	**J**	**58**		**3.5**		**100**	**J**	**18**		**17**	**J**	**12**		**2.3**		0.17	U	**25,000**		**170**		**240**	
1,1,2-Trichloroethane	1	0.15	UJ	0.3	UJ	3	U	15	U	75	U	150	U	3	UJ	3	UJ	0.15	UJ	**0.16**	**J**	6	U	15	U	60	UJ	0.15	U	3	U	0.15	UJ	0.75	UJ	0.15	U	75	UJ	1.5	UJ	3.8	U	0.75	UJ	0.15	UJ	0.15	U	60	UJ	1.5	UJ	3	U
Trichloroethylene	5	**30**	**J**	**4.3**	**J**	**310**		18	U	**520**		**58,000**		**410**	**J**	**170**	**J**	**11**	**J**	**41**		**2.100**		**1.500**		**25,000**	**J**	**3.2**		**47**		**1.6**	**J**	**230**	**J**	**3.8**		**1.500**	**J**	**71**	**J**	4.5	U	**3.3**	**J**	**2.1**	**J**	0.18	U	**6.200**	**J**	**43**	**J**	**1.400**	
Trichlorofluoromethane (Freon 11)	5	0.19	U	0.38	U	3.8	U	19	U	95	U	190	U	3.8	U	3.8	U	0.19	U	0.19	U	7.6	U	19	U	76	U	0.19	U	3.8	U	0.19	U	0.95	U	0.19	U	95	U	1.9	U	4.8	U	0.95	U	0.19	U	0.19	U	76	U	1.9	U	3.8	U
1,2,3-Trichloropropane	0.04	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.31	U	6.2	U	NA		NA		NA		NA		NA		7.8	U	NA		NA		NA		NA		NA		NA		6.2	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	0.24	U	0.48	U	4.8	U	**94**	**J**	120	U	240	U	**82**		4.8	U	**1.1**		**8.4**		**810**		24	U	**190**	**J**	0.24	U	4.8	U	0.24	U	1.2	U	0.24	U	120	U	2.4	U	6	U	1.2	U	0.24	U	0.24	U	96	U	2.4	U	4.8	U
1,2,4-Trimethylbenzene	5	NA		NA		NA		NA		NA		NA		NA	

Table 4
New York State Department of Environmental Conservation
SMP B - Stuart Olver Holtz - Site No. 828079
Henrietta, New York
Summary of Analysis of VOCs and TOC in Discrete Groundwater Samples - December 2021

Sample ID		SOH-DGW-17 (7-11)		SOH-DGW-17 (11-15)		SOH-DGW-17 (22-26)		SOH-DGW-DUP-1		SOH-DGW-18 (6-10)		SOH-DGW-18 (11-15)		SOH-DGW-18 (17-21)		SOH-DGW-19 (7-11)		SOH-DGW-19 (11-15)		SOH-DGW-19 (16-20)		SOH-DGW-20 (7-11)		SOH-DGW-20 (11-15)		SOH-DGW-20 (16-20)		SOH-DGW-21 (5-9)		SOH-DGW-21 (11-15)		SOH-DGW-21 (22-26)		SOH-DGW-22 (3-7)		SOH-DGW-22 (14-18)		SOH-DGW-DUP-4		SOH-DGW-22 (19-23)		SOH-DGW-23 (8-12)		SOH-DGW-23 (15-19)		SOH-DGW-23 (25-29)		SOH-DGW-DUP-3		SOH-DGW-24 (6-10)		SOH-DGW-24 (15-19)		SOH-DGW-24 (25-29)	
Laboratory ID		21L0225-08		21L0225-07		21L0225-05		21L0225-09		21L1482-08		21L1482-09		21L1482-10		21L1283-10		21L1283-09		21L1283-08		21L1283-12		21L1283-11		21L1482-01		21L0386-10		21L0386-09		21L0631-03		21L1482-05		21L1482-04		21L1482-03		21L1482-07		21L1093-06		21L1093-04		21L1093-07		21L1093-05		21L1093-11		21L1093-09		21L1093-10	
Sample Depth		7-11 ft		11-15 ft		22-26 ft		22-26 ft		6-10 ft		11-15 ft		17-21 ft		7-11 ft		11-15 ft		16-20 ft		7-11 ft		11-15 ft		16-20 ft		5-9 ft		11-15 ft		22-26 ft		3-7 ft		14-18 ft		14-18 ft		19-23 ft		8-12 ft		15-19 ft		25-29 ft		25-29 ft		6-10 ft		15-19 ft		25-29 ft	
Sample Date		12/02/2021		12/02/2021		12/02/2021		12/02/2021		12/20/2021		12/20/2021		12/20/2021		12/16/2021		12/16/2021		12/16/2021		12/16/2021		12/16/2021		12/17/2021		12/06/2021		12/06/2021		12/07/2021		12/17/2021		12/17/2021		12/17/2021		12/17/2021		12/13/2021		12/13/2021		12/13/2021		12/13/2021		12/13/2021		12/13/2021	
Analyte	**Class GA Value***	**Results (µg/L)**																																																			
Acetone	50	**25**	J	47	J	39	J	35	J	4.4	J	2.9	J	5.6	J	10	J	11	J	12	J	3.4	J	6.2	J	11	J	200	J	5,900	U	130	J	12	J	8.2	J	9.2	J	9.2	J	59	U	47	U	3.8	J	2.4	U	470	U	1,200	U	9,400	U
Acrylonitrile	NC	NA		NA		NA		NA		0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	1.4	J	NA		NA		NA		0.69	U	0.69	U	0.69	U	0.69	U	17	U	14	U	0.69	U	0.69	U	140	U	340	U	2,800	U
tert-Amylmethyl Ether (TAME)	NC	NA		NA		NA		NA		0.15	U	0.15	U	0.15	U	0.15	U	0.3	U	0.15	U	0.15	U	0.15	U	0.15	U	NA		NA		NA		0.15	U	0.15	U	0.15	U	0.15	U	3.8	U	3	U	0.15	U	0.15	U	30	U	75	U	600	U
Benzene	1	**0.80**	J	**1.8**	J	**0.65**	J	**0.68**	J	**0.42**	J	**0.32**	J	**0.29**	J	**0.77**	J	**0.60**	J	**0.75**	J	0.13	U	**0.29**	J	**0.25**	J	6.5	U	320	U	6.5	U	**0.15**	J	**0.24**	J	**0.25**	J	**0.18**	J	3.2	U	2.6	U	**0.33**	J	**0.35**	J	26	U	65	U	520	U
Bromobenzene	5	NA		NA		NA		NA		0.13	U	0.13	U	0.13	U	0.13	U	0.26	U	0.13	U	0.13	U	0.13	U	0.13	U	NA		NA		NA		0.13	U	0.13	U	0.13	U	0.13	U	3.2	U	2.6	U	0.13	U	0.13	U	26	U	65	U	520	U
Bromochloromethane	5	1.8	U	3.6	U	1.8	U	1.4	U	0.36	U	0.36	U	0.36	U	0.36	U	0.72	U	0.36	U	0.36	U	0.36	U	0.36	U	18	U	900	U	18	U	0.36	U	0.36	U	0.36	U	0.36	U	9	U	7.2	U	0.36	U	0.36	U	72	U	180	U	1,400	U
Bromodichloromethane	50	0.7	UJ	1.4	UJ	0.7	UJ	0.56	UJ	0.14	U	0.14	U	0.14	U	0.14	U	0.28	U	0.14	U	0.14	U	0.14	U	0.14	U	7	UJ	350	UJ	7	UJ	0.14	U	0.14	U	0.14	U	0.14	U	3.5	U	2.8	U	0.14	U	0.14	U	28	U	70	U	560	U
Bromoform	50	1.4	U	2.9	U	1.4	U	1.2	U	0.29	U	0.29	U	0.29	U	0.29	U	0.58	U	0.29	U	0.29	U	0.29	U	0.29	U	14	U	720	U	14	U	0.29	U	0.29	U	0.29	U	0.29	U	7.2	U	5.8	U	0.29	U	0.29	U	58	U	140	U	1,200	U
Bromomethane	5	5.4	U	11	U	5.4	U	4.3	U	1.1	UJ	1.1	UJ	1.1	UJ	1.1	U	2.1	U	1.1	U	1.1	U	1.1	U	1.1	U	54	U	2,700	U	54	U	1.1	UJ	1.1	UJ	1.1	UJ	1.1	UJ	27	U	21	U	1.1	U	1.1	U	210	U	540	U	4,300	U
2-Butanone (MEK)	50	**69**	J	**120**	J	**99**	J	**77**	J	1.9	U	1.9	U	1.9	U	1.9	U	3.8	U	**2.2**	J	1.9	U	1.9	U	**3.0**	J	**420**	J	4,700	U	**280**	J	**2.8**	J	**2.1**	J	**2.1**	J	**2.4**	J	47	U	38	U	1.9	U	1.9	U	380	U	940	U	7,500	U
tert-Butyl Alcohol	NC	NA		NA		NA		NA		5.3	UJ	5.3	UJ	5.3	UJ	5.3	U	11	U	5.3	U	5.3	U	5.3	U	5.3	UJ	NA		NA		NA		5.3	UJ	5.3	UJ	5.3	UJ	5.3	UJ	130	U	110	U	5.3	U	5.3	U	1,100	U	2,700	U	21,000	U
n-Butylbenzene	5	NA		NA		NA		NA		0.14	U	0.14	U	0.14	U	0.14	U	0.28	U	0.14	U	0.14	U	0.14	U	0.14	U	NA		NA		NA		0.14	U	0.14	U	0.14	U	0.14	U	3.5	U	2.8	U	0.14	U	0.14	U	28	U	70	U	560	U
sec-Butylbenzene	5	NA		NA		NA		NA		0.1	U	0.1	U	0.1	U	0.1	U	0.2	U	0.1	U	0.1	U	0.1	U	0.1	U	NA		NA		NA		0.1	U	0.1	U	0.1	U	0.1	U	2.5	U	2	U	0.1	U	0.1	U	20	U	50	U	400	U
tert-Butylbenzene	5	NA		NA		NA		NA		0.09	U	0.09	U	0.09	U	0.09	U	0.18	U	0.09	U	0.09	U	0.09	U	0.09	U	NA		NA		NA		0.09	U	0.09	U	0.09	U	0.09	U	2.2	U	1.8	U	0.09	U	0.09	U	18	U	45	U	360	U
tert-Butylethyl Ether (TBEE)	NC	NA		NA		NA		NA		0.11	U	0.11	U	0.11	U	0.11	U	0.22	U	0.11	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.11	U	0.11	U	0.11	U	0.11	U	2.8	U	2.2	U	0.11	U	0.11	U	22	U	55	U	440	U
Carbon Disulfide	60	7.6	U	15	U	7.6	U	6.1	U	1.5	U	1.5	U	1.5	U	1.5	U	3	U	1.5	U	1.5	U	1.5	U	1.5	U	76	U	3,800	U	76	U	1.5	U	1.5	U	1.5	U	1.5	U	38	U	30	U	1.5	U	1.5	U	300	U	760	U	6,100	U
Carbon Tetrachloride	5	0.85	U	1.7	U	0.85	U	0.68	U	0.17	U	0.17	U	0.17	U	0.17	U	0.34	U	0.17	U	0.17	U	0.17	U	0.17	U	8.5	U	420	U	8.5	U	0.17	U	0.17	U	0.17	U	0.17	U	4.2	U	3.4	U	0.17	U	0.17	U	34	U	85	U	680	U
Chlorobenzene	5	0.4	U	0.8	U	0.4	U	0.32	U	0.08	U	0.08	U	0.08	U	0.08	U	0.16	U	0.08	U	0.08	U	0.08	U	0.08	U	4	U	200	U	4	U	0.08	U	0.08	U	0.08	U	0.08	U	2	U	1.6	U	0.08	U	0.08	U	16	U	40	U	320	U
Chlorodibromomethane	50	0.8	UJ	1.6	UJ	0.8	UJ	0.64	UJ	0.16	U	0.16	U	0.16	U	0.16	U	0.32	U	0.16	U	0.16	U	0.16	U	0.16	U	8	UJ	400	UJ	8	UJ	0.16	U	0.16	U	0.16	U	0.16	U	4	U	3.2	U	0.16	U	0.16	U	32	U	80	U	640	U
Chloroethane	5	1.8	U	3.7	U	1.8	U	1.5	U	0.37	U	0.37	U	0.37	U	0.37	U	0.74	U	0.37	U	0.37	U	0.37	U	0.37	U	**85**	J	920	U	18	U	0.37	U	0.37	U	0.37	U	0.37	U	**62**	JH	**18**	JH	0.37	U	0.37	U	**840**	JH	**79,000**	JH	1,500	UJ
Chloroform	7	0.95	U	1.9	U	0.95	U	0.76	U	0.19	U	0.19	U	0.19	U	0.19	U	0.38	U	0.19	U	0.19	U	0.19	U	0.19	U	9.5	U	480	U	9.5	U	0.19	U	0.19	U	0.19	U	0.19	U	4.8	U	3.8	U	0.19	U	0.19	U	38	U	95	U	760	U
Chloromethane	5	1.9	UJ	3.8	UJ	1.9	UJ	1.5	UJ	0.38	UJ	0.38	UJ	0.38	UJ	0.38	U	0.76	U	0.38	U	0.38	U	0.38	U	0.38	UJ	19	U	950	U	19	U	0.38	UJ	0.38	UJ	0.38	UJ	0.38	UJ	9.5	U	7.6	U	0.38	U	0.38	U	76	U	190	U	1,500	U
2-Chlorotoluene	NC	NA		NA		NA		NA		0.09	U	0.09	U	0.09	U	0.09	U	0.18	U	0.09	U	0.09	U	0.09	U	0.09	U	NA		NA		NA		0.09	U	0.09	U	0.09	U	0.09	U	2.2	U	1.8	U	0.09	U	0.09	U	18	U	45	U	360	U
4-Chlorotoluene	NC	NA		NA		NA		NA		0.1	U	0.1	U	0.1	U	0.1	U	0.2	U	0.1	U	0.1	U	0.1	U	0.1	U	NA		NA		NA		0.1	U	0.1	U	0.1	U	0.1	U	2.5	U	2	U	0.1	U	0.1	U	20	U	50	U	400	U
Cyclohexane	NC	7.6	U	15	U	7.6	U	6.1	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		76	U	3,800	U	76	U	NA		NA		NA		NA		NA		31	U	NA		NA		NA		NA		NA	
1,2-Dibromo-3-Chloropropane (DBCP)	0.04	3.6	U	7.2	U	3.6	U	2.9	U	0.72	U	0.72	U	0.72	U	0.72	U	1.4	U	0.72	U	0.72	U	0.72	U	0.72	U	36	U	1,800	U	36	U	0.72	U	0.72	U	0.72	U	0.72	U	18	U	14	U	0.72	U	0.72	U	140	U	360	U	2,900	U
1,2-Dibromoethane	0.0006	0.75	UJ	1.5	UJ	0.75	UJ	0.6	UJ	0.15	U	0.15	U	0.15	U	0.15	U	0.3	U	0.15	U	0.15	U	0.15	U	0.15	U	7.5	UJ	380	UJ	7.5	UJ	0.15	U	0.15	U	0.15	U	0.15	U	3.8	U	3	U	0.15	U	0.15	U	30	U	75	U	600	U
Dibromomethane	NC	NA		NA		NA		NA		0.29	U	0.29	U	0.29	U	0.29	U	0.58	U	0.29	U	0.29	U	0.29	U	0.29	U	NA		NA		NA		0.29	U	0.29	U	0.29	U	0.29	U	7.2	U	5.8	U	0.29	U	0.29	U	58	U	140	U	1,200	U
1,2-Dichlorobenzene	3	0.5	U	1	U	0.5	U	0.4	U	0.1	U	0.1	U	0.1	U	0.1	U	0.2	U	0.1	U	0.1	U	0.1	U	0.1	U	5	U	250	U	5	U	0.1	U	0.1	U	0.1	U	0.1	U	2.5	U	2	U	0.1	U	0.1	U	20	U	50	U	400	U
1,3-Dichlorobenzene	3	0.45	U	0.9	U	0.45	U	0.36	U	0.09	U	0.09	U	0.09	U	0.09	U	0.18	U	0.09	U	0.09	U	0.09	U	0.09	U	4.5	U	220	U	4.5	U	0.09	U	0.09	U	0.09	U	0.09	U	2.2	U	1.8	U	0.09	U	0.09	U	18	U	45	U	360	U
1,4-Dichlorobenzene	3	0.55	U	1.1	U	0.55	U	0.44	U	0.11	U	0.11	U	0.11	U	0.11	U	0.22	U	0.11	U	0.11	U	0.11	U	0.11	U	5.5	U	280	U	5.5	U	0.11	U	0.11	U	0.11	U	0.11	U	2.8	U	2.2	U	0.11	U	0.11	U	22	U	55	U	440	U
trans-1,4-Dichloro-2-Butene	NC	NA		NA		NA		NA		1.8	U	1.8	U	1.8	U	1.8	U	3.6	U	1.8	U	1.8	U	1.8	U	1.8	U	NA		NA		NA		1.8	U	1.8	U	1.8	U	1.8	U	45	U	36	UJ	1.8	U	1.8	U	360	U	900	U	7,200	U
Dichlorodifluoromethane (Freon 12)	5	1	U	2	U	1	U	0.8	U	0.2	U	0.2	U	0.2	U	**0.52**	J	0.4	U	0.2	U	0.2	U	0.2	U	0.2	U	10	U	500	U	10	U	0.2	U	0.2	U	0.2	U	0.2	U	5	U	4	U	0.2	U	0.2	U	40	U	100	U	800	U
1,1-Dichloroethane	5	**90**		**870**		**440**		**430**		0.16	U	0.16	U	0.16	U	**12**		**110**		**0.86**	J	**3.2**		**0.68**	J	0.16	U	**1,000**		**6,100**		**4,800**		0.16	U	**3.4**		**3.5**		0.16	U	**3,600**		**1,800**	J	**11**		**13**		**6,200**		**85,000**		**28,000**	
1,2-Dichloroethane	0.6	1.6	U	3.2	U	1.6	U	1.3	U	0.32	U	0.32	U	0.32	U	0.32	U	0.64	U	0.32	U	0.32	U	0.32	U	0.32	U	16	U	800	U	16	U	0.32	U	0.32	U	0.32	U	0.32	U	**36**		**20**		0.32	U	0.32	U	64	U	160	U	1,300	U
1,1-Dichloroethylene	5	**3.9**	J	**30**		**33**		**32**		0.16	U	0.16	U	0.16	U	0.16	U	**3.2**		0.16	U	0.16	U	0.16	U	0.16	U	**360**		**6,600**		**30**	J	0.16	U	0.16	U	0.16	U	0.16	U	**2.2**		**3.6**		**1,600**		**1,300**		**2,800**	J
cis-1,2-Dichloroethylene	5	**27**		**24**		**280**		**280**		0.15	U	0.15	U	**0.18**	J	**6.0**		**300**		**0.55**	J	**6.0**		**0.39**	J	**0.23**	J	**520**		**5,800**		**74**		0.15	U	**7.1**		**7.2**		0.15	U	**2,500**		**3,100**	J	**11**		**9.7**		**720**		**960**		**100,000**	
trans-1,2-Dichloroethylene	5	0.85	UJ	1.7	UJ	**3.7**	J	**3.3**	J	0.17	U	0.17	U	0.17	U	0.17	U	0.34	U	0.17	U	0.17	U	0.17	U	0.17	U	8.5	U	420	U	8.5	U	0.17	U	0.17	U	0.17	U	0.17	U	**42**		**20**		0.17	U	0.17	U	34	U	85	U	680	U
1,2-Dichloropropane	1	0.9	UJ	1.8	UJ	0.9	UJ	0.72	UJ	0.18	U	0.18	U	0.18	U	0.18	U	0.36	U	0.18	U	0.18	U	0.18	U	0.18	U	9	UJ	450	UJ	9	UJ	0.18	U	0.18	U	0.18	U	0.18	U	4.5	U	3.6	U	0.18	U	0.18	U	36	U	90	U	720	U
1,3-Dichloropropane	NC	NA		NA		NA		NA		0.12	U	0.12	U	0.12	U	0.12	U	0.24	U	0.12	U	0.12	U	0.12	U	0.12	U	NA		NA		NA		0.12	U	0.12	U	0.12	U	0.12	U	3	U	2.4	U	0.12	U	0.12	U	24	U	60	U	480	U
2,2-Dichloropropane	NC	NA		NA		NA		NA		0.31	U	0.31	U	0.31	U	0.31	U	0.62	U	0.31	U	0.31	U	0.31	U	0.31	U	NA		NA		NA		0.31	U	0.31	U	0.31	U	0.31	U	7.8	U	6.2	UJ	0.31	U	0.31	U	62	U	160	U	1,200	U
1,1-Dichloropropene	NC	NA		NA		NA		NA		0.26	U	0.26	U	0.26	U	0.26	U	0.52	U	0.26	U	0.26	U	0.26	U	0.26	U	NA		NA		NA		0.26	U	0.26	U	0.26	U	0.26	U	6.5	U	5.2	U	0.26	U	0.26	U	52	U	130	U	1,000	U
cis-1,3-Dichloropropene	0.4(a)	0.6	UJ	1.2	UJ	0.6	UJ	0.48	UJ	0.12	U	0.12	U	0.12	U	0.24	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	6	UJ	300	UJ	6	UJ	0.12	U	0.12	U	0.12	U	0.12	U	3	U	2.4	U	0.12	U	0.12	U	24	U	60	U	480	U
trans-1,3-Dichloropropene	0.4	0.75	U	1.5	U	0.75	U	0.6	U	0.15	U	0.15	U	0.15	U	0.15	U	0.3	U	0.15	U	0.15	U	0.15	U	0.15	U	7.5	U	380	U	7.5	U	0.15	U	0.15	U	0.15	U	0.15	U	3.8	U	3	U	0.15	U	0.15	U	30	U	75	U	600	U
Diethyl Ether	NC	NA		NA		NA		NA		0.22	U	0.22	U	0.22	U	0.22	U	0.44	U	0.22	U	0.22	U	0.22	U	0.22	U	NA		NA		NA		0.22	U	0.22	U	0.22	U	0.22	U	5.5	U	4.4	U	0.22	U	0.22	U	44	U	110	U	880	U
Diisopropyl Ether (DIPE)	NC	NA		NA		NA		NA		0.15	U	0.15	U	0.15	U	0.15	U	0.3	U	0.15	U	0.15	U	0.15	U	0.15	U	NA		NA		NA		0.15	U	0.15	U	0.15	U	0.15	U	3.8	U	3	U	0.15	U	0.15	U	30	U	75	U	600	U
1,4-Dioxane	NC	110	UJ	220	UJ	110	UJ	86	UJ	22	U	22	U	22	U	22	UJ	43	UJ	22	UJ	22	UJ	22	UJ	22	U	**9,900**	J	54,000	UJ	1,100	UJ	22	U	**130**		**110**		**28**	J	540	UJ	430	UJ	22	UJ	22	UJ	4,300	UJ	11,000	UJ	86,000	UJ
Ethyl Benzene	5	0.45	U	0.9	U	**0.80**	J	**0.92**	J	0.09	U	0.09	U	0.09	U	0.09	U	0.18	U	0.09	U	0.09	U	0.09	U	0.09	U	**10**	J	220	U	4.5	U	0.09	U	0.09	U	0.09	U	0.09	U	2.2	U	1.8	U	0.09	U	0.09	U	18	U	45	U	360	U
Hexachlorobutadiene	0.5	NA		NA		NA		NA		0.41	U	0.41	U	0.41	U	0.41	U	0.82	U	0.41	U	0.41	U	0.41	U	0.41	U	NA		NA		NA		0.41	U	0.41	U	0.41	U	0.41	U	10	U	8.2	U	0.41	U	0.41	U	82	U	200	U	1,600	U
2-Hexanone (MBK)	50	7	U	14	U	7	U	5.6	U	1.4	U	1.4	U	1.4	U	1.4	U	2.8	U	1.4	U	1.4	U	1.4	U	1.4	U	70	U	3,500	U	70	U	1.4	U	1.4	U	1.4	U	1.4	U	35	U	28	U	1.4	U	1.4	U	280	U	700	U	5,600	U
Isopropylbenzene (Cumene)	5	0.5	U	1	U	0.5	U	0.4	U	0.1	U	0.1	U	0.1	U	0.1	U	0.2	U	0.1	U	0.1	U	0.1	U	0.1	U	5	U	250	U	5	U	0.1	U	0.1	U	0.1	U	0.1	U	2.5	U	2	U	0.1	U	0.1	U	20	U	50	U	400	U
p-Isopropyltoluene (p-Cymene)	5	NA		NA		NA		NA		0.09	U	0.09	U	0.09	U	0.09	U	0.18	U	0.09	U	0.09	U	0.09	U	0.09	U	NA		NA		NA		0.09	U	0.09	U	0.09	U	0.09	U	2.2	U	1.8	U	0.09	U	0.09	U	18	U	45	U	360	U
Methyl Acetate	NC	**11**		**18**		**15**		**11**		0.39	U	0.39	U	0.39	U	0.39	U	0.78	U	0.39	U	0.39	U	0.39	U	0.39	U	**57**		980	U	**25**	J	0.39	U	0.39	U	0.39	U	0.39	U	9.8	U	7.8	U	0.39	U	0.39	U	78	U	200	U	1,600	U
Methyl tert-Butyl Ether (MTBE)	10	0.85	U	1.7	U	**1.8**	J	**1.8**	J	0.17	U	**0.42**	J	**0.51**	J	0.17	U	0.34	U	0.17	U	0.17	U	0.17	U	0.17	U	8.5	U	420	U	8.5	U	0.17	U	**0.27**	J	**0.26**	J	0.17	U	4.2	U	3.4	U	0.17	U	0.17	U	34	U	85	U	680	U
Methyl Cyclohexane	NC	1.6	U	3.3	U	1.6	U	1.3	U	**0.38**	J	**0.41**	J	0.33	U	**0.52**	J	0.66	U	0.33	U	0.33	U	0.33	U	0.33	U	16	U	820	U	16	U	**0.35**	J	**0.37**	J	0.33	U	8.2	U	6.6	U	**0.33**	J	0.33	U	66	U	160	U	1,300	U
Methylene Chloride	5	1.5	U	3	U	1.5	U	1.2	U	0.3	U	0.3	U	0.3	U	0.3	U	0.6	U	0.3	U	0.3	U	0.3	U	0.3	U	15	U	750	U	15	U	0.3	U	0.3	U	0.3	U	0.3	U	**26**	J	6	U	**0.68**	J	**0.70**	J	**3,400**		**22,000**		**8,600**	J
4-Methyl-2-pentanone (MIBK)	NC	8.1	U	16	U	8.1	U	6.5	U	1.6	U	1.6	U	1.6	U	1.6	U	3.2	U	1.6	U	1.6	U	1.6	U	1.6	U	81	U	4,000	U	81	U	1.6	U	1.6	U	1.6	U	1.6	U	40	U	32	U	1.6	U	1.6	U	320	U	810	U	6,500	U
Naphthalene	10	NA		NA		NA		NA		0.15	U	0.15	U	0.15	U	0.15	UJ	0.3	UJ	0.15	UJ	0.15	UJ	0.15	UJ	0.15	U	NA		NA		NA		0.15	U	0.15	U	0.15	U	0.15	U	3.8	UJ	3	UJ	0.15	UJ	0.15	UJ	30	UJ	75	UJ	600	UJ
n-Propylbenzene	5	NA		NA		NA		NA		0.08	U	0.08	U	0.08	U	0.08	U	0.16	U	0.08	U	0.08	U	0.08	U	0.08	U	NA		NA		NA		0.08	U	0.08	U	0.08	U	0.08	U	2	U	1.6	U	0.08	U	0.08	U	16	U	40	U	320	U
Styrene	5	0.4	U	0.8	U	0.4	U	0.32	U	0.08	U	0.08	U	0.08	U	0.08	U	0.16	U	0.08	U	0.08	U	0.08	U	0.08	U	4	U	200	U	4	U	0.08	U	0.08	U	0.08	U	0.08	U	2	U	1.6	U	0.08	U	0.08	U	16	U	40	U	320	U
1,1,1,2-Tetrachloroethane	NC	NA		NA		NA		NA		0.14	U	0.14	U	0.14	U	0.14	U	0.28	U	0.14	U	0.14	U	0.14	U	0.14	U	NA		NA		NA		0.14	U	0.14	U	0.14	U	0.14	U	3.5	U	2.8	U	0.14	U	0.14	U	28	U	70	U	560	U
1,1,2,2-Tetrachloroethane	5	0.45	U	0.9	U	0.45	U	0.36	U	0.09	U	0.09	U	0.09	U	0.09	U	0.18	U	0.09	U	0.09	U	0.09	U	0.09	U	4.5	U	220	U	4.5	U	0.09	U	0.09	U	0.09	U	0.09	U	2.2	U	1.8	U	0.09	U	0.09	U	18	U	45	U	360	U
Tetrachloroethylene	5	**87**		**860**		**31**		**30**		0.2	U	0.2	U	0.2	U	**0.89**	J	0.4	U	0.2	U	0.2	U	0.2	U	0.2	U	**820**		**2,600**		10	U	0.2	U	0.2	U	0.2	U	0.2	U	5	U	4	U	0.2	U	0.2	U	**94**	J	100	U	800	U
Tetrahydrofuran	NC	NA		NA		NA		NA		0.58	U	0.58	U	0.58	U	0.58	U	1.2	U	0.58	U	0.58	U	0.58	U	0.58	U	NA		NA		NA		0.58	U	0.58	U	0.58	U	0.58	U	14	U	12	U	0.58	U	0.58	U	120	U	290	U	2,300	U
Toluene	5	**0.65**	J	**5.4**	J	**2.1**	J	**2.6**	J	**0.60**	J	**0.54**	J	**0.33**	J	**0.93**	J	**0.80**	J	**0.70**	J	0.11	U	**0.36**	J	**0.21**	J	**20**	J	**720**	J	5.5	U	**0.25**	J	**0.37**	J	**0.39**	J	**0.16**	J	2.8	U	2.2	U	**0.37**	J	**0.35**	J	22	U	**150**	J	440	U
1,2,3-Trichlorobenzene	5	0.7	UJ	1.4	UJ	0.7	UJ	0.56	UJ	0.14	U	0.14	U	0.14	U	0.14	UJ	0.28	UJ	0.14	UJ	0.14	UJ	0.14	UJ	0.14	U	7	UJ	350	UJ	7	UJ	0.14	U	0.14	U	0.14	U	0.14	UJ	3.5	UJ	2.8	UJ	0.14	UJ	0.14	UJ	28	UJ	70	UJ	560	UJ
1,2,4-Trichlorobenzene	5	0.8	UJ	1.6	UJ	0.8	UJ	0.64	UJ	0.16	U	0.16	U	0.16	U	0.16	UJ	0.32	UJ	0.16	UJ	0.16	UJ	0.16	UJ	0.16	UJ	8	UJ	400	UJ	8	UJ	0.16	U	0.16	U	0.16	U	0.16	UJ	4	UJ	3.2	UJ	0.16	UJ	0.16	UJ	32	UJ	80	UJ	640	UJ
1,3,5-Trichlorobenzene	NC	NA		NA

Table 5
New York State Department of Environmental Conservation
SMP B - Stuart Olver Holtz - Site No. 828079
Henrietta, New York
Summary of Analysis of VOCs in Low-Flow Groundwater Samples - January 2022

	Sample ID	B1-PZ-03		B4-PZ-01		MW-05		SOH-MW-06		SOH-MW-07		SOH-MW-08		SOH-MW-09		SOH-MW-10		SOH-DUP-1		OW-03S		OW-06S		URS-02		URS-04		URS-05		URS-08		URS-09		URS-15	
	Laboratory ID	22A0274-08		22A0392-06		22A0274-09		22A0811-02		22A0274-02		22A0274-05		22A0274-06		22A0274-07		22A0274-10		22A0392-03		22A0811-04		22A0392-02		22A0274-04		22A0274-03		22A0392-05		22A0392-04		22A0811-03	
	Sample Date	01/06/2022		01/07/2022		01/06/2022		01/13/2022		01/04/2022		01/05/2022		01/05/2022		01/06/2022		01/04/2022		01/07/2022		01/13/2022		01/07/2022		01/05/2022		01/05/2022		01/07/2022		01/07/2022		01/13/2022	
Analyte	Class GA Value*	**Results (µg/L)**																															
VOCs																																	
Acetone	50	2.4	U	2.4	U	47	U	2,400	U	2.4	U	2.4	U	2.4	U	**37**	**J**	**36**	**J**	12	U	120	U	**3.0**	**J**	2.4	U	2.4	U	2.4	U	4.7	U	470	U
Acrylonitrile	NC	0.69	U	0.69	U	14	U	690	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	3.4	U	34	U	0.69	U	0.69	U	0.69	U	0.69	U	1.4	U	140	U
tert-Amylmethyl Ether (TAME)	NC	0.15	U	0.15	U	3	U	150	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.75	U	7.5	U	0.15	U	0.15	U	0.15	U	0.15	U	0.3	U	30	U
Benzene	1	0.13	U	0.13	U	2.6	U	130	U	0.13	U	0.13	U	0.13	U	**0.15**	**J**	**0.17**	**J**	0.65	U	6.5	U	0.13	U	0.13	U	0.13	U	0.13	U	0.26	U	26	U
Bromobenzene	5	0.13	U	0.13	U	2.6	U	130	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.65	U	6.5	U	0.13	U	0.13	U	0.13	U	0.13	U	0.26	U	26	U
Bromochloromethane	5	0.36	U	0.36	UJ	7.2	U	360	UJ	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	1.8	UJ	18	UJ	0.36	UJ	0.36	U	0.36	U	0.36	UJ	0.72	UJ	72	UJ
Bromodichloromethane	50	0.14	UJ	0.14	UJ	2.8	UJ	140	UJ	0.14	UJ	0.14	UJ	0.14	UJ	0.14	UJ	0.14	UJ	0.7	UJ	7	UJ	**0.38**	**J**	0.14	UJ	0.14	UJ	0.14	UJ	0.28	UJ	28	UJ
Bromoform	50	0.29	U	0.29	U	5.8	U	290	U	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U	1.4	U	14	U	0.29	U	0.29	U	0.29	U	0.29	U	0.58	U	58	U
Bromomethane	5	1.1	U	1.1	UJ	21	U	1,100	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	5.4	UJ	54	U	1.1	UJ	1.1	U	1.1	U	1.1	UJ	2.1	UJ	210	U
2-Butanone (MEK)	50	1.9	U	1.9	U	**82**	**J**	1,900	U	1.9	U	1.9	U	1.9	U	**8.1**	**J**	**7.9**	**J**	**24**	**J**	**170**	**J**	1.9	U	1.9	U	1.9	U	1.9	U	3.8	U	**590**	**J**
tert-Butyl Alcohol	NC	5.3	U	5.3	U	110	U	5,300	U	5.3	U	5.3	U	5.3	U	5.3	U	5.3	U	27	U	270	U	**7.9**	**J**	5.3	U	5.3	U	5.3	U	11	U	1,100	U
n-Butylbenzene	5	0.14	U	0.14	U	2.8	U	140	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.7	U	7	U	0.14	U	0.14	U	0.14	U	0.14	U	0.28	U	28	U
sec-Butylbenzene	5	0.1	U	0.1	U	2	U	100	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.5	U	5	U	0.1	U	0.1	U	0.1	U	0.1	U	0.2	U	20	U
tert-Butylbenzene	5	0.09	U	0.09	U	1.8	U	90	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.45	U	4.5	U	0.09	U	0.09	U	0.09	U	0.09	U	0.18	U	18	U
tert-Butylethyl Ether (TBEE)	NC	0.11	U	0.11	U	2.2	U	110	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.55	U	5.5	U	0.11	U	0.11	U	0.11	U	0.11	U	0.22	U	22	U
Carbon Disulfide	60	1.5	U	1.5	U	30	U	1,500	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	7.6	U	76	U	1.5	U	1.5	U	1.5	U	1.5	U	3	U	300	U
Carbon Tetrachloride	5	0.17	U	0.17	U	3.4	U	170	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.85	U	8.5	U	0.17	U	0.17	U	0.17	U	0.17	U	0.34	U	34	U
Chlorobenzene	5	0.08	U	0.08	U	1.6	U	80	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.4	U	4	U	0.08	U	0.08	U	0.08	U	0.08	U	**0.86**	**J**	16	U
Chloroethane	5	0.37	U	0.37	U	**15**	**J**	**4,500**		0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	**5.4**	**J**	18	U	0.37	U	0.37	U	0.37	U	0.37	U	**18**		74	U
Chloroform	7	0.19	U	0.19	U	3.8	U	190	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	0.95	U	9.5	U	**0.95**	**J**	0.19	U	0.19	U	0.19	U	0.38	U	38	U
Chloromethane	5	0.38	U	0.38	U	7.6	U	380	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	1.9	U	19	U	0.38	U	0.38	U	0.38	U	0.38	U	0.76	U	76	U
2-Chlorotoluene	NC	0.09	U	0.09	U	1.8	U	90	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.45	U	4.5	U	0.09	U	0.09	U	0.09	U	0.09	U	0.18	U	18	U
4-Chlorotoluene	NC	0.1	U	0.1	U	2	U	100	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.5	U	5	U	0.1	U	0.1	U	0.1	U	0.1	U	0.2	U	20	U
Cyclohexane	NC	0.16	UJ	0.16	UJ	3.2	UJ	160	UJ	0.16	UJ	0.16	UJ	0.16	UJ	0.16	UJ	0.16	UJ	0.8	UJ	8	UJ	**0.18**	**J**	0.16	UJ	0.16	UJ	0.16	UJ	0.32	UJ	32	UJ
1,2-Dibromo-3-Chloropropane (DBCP)	0.04	0.72	U	0.72	U	14	U	720	U	0.72	U	0.72	U	0.72	U	0.72	U	0.72	U	3.6	U	36	U	0.72	U	0.72	U	0.72	U	0.72	U	1.4	U	140	U
1,2-Dibromoethane	0.0006	0.15	UJ	0.15	UJ	3	UJ	150	UJ	0.15	UJ	0.15	UJ	0.15	UJ	0.15	UJ	0.15	UJ	0.75	UJ	7.5	UJ	0.15	UJ	0.15	UJ	0.15	UJ	0.15	UJ	0.3	UJ	30	UJ
Dibromomethane	NC	0.29	U	0.29	U	5.8	U	290	U	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U	1.4	U	14	U	0.29	U	0.29	U	0.29	U	0.29	U	0.58	U	58	U
1,2-Dichlorobenzene	3	0.1	U	0.1	U	2	U	100	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.5	U	5	U	0.1	U	0.1	U	0.1	U	0.1	U	0.2	U	20	U
1,3-Dichlorobenzene	3	0.09	U	0.09	U	1.8	U	90	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.45	U	4.5	U	0.09	U	0.09	U	0.09	U	0.09	U	0.18	U	18	U
1,4-Dichlorobenzene	3	0.11	U	0.11	U	2.2	U	110	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.55	U	5.5	U	0.11	U	0.11	U	0.11	U	0.11	U	0.22	U	22	U
trans-1,4-Dichloro-2-Butene	NC	1.8	U	1.8	U	36	U	1,800	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	9	U	90	U	1.8	U	1.8	U	1.8	U	1.8	U	3.6	U	360	U
Dichlorodifluoromethane (Freon 12)	5	0.2	U	0.2	U	4	U	200	U	0.2	U	0.2	U	**0.60**	**J**	0.2	U	0.2	U	1	U	10	U	0.2	U	0.2	U	0.2	U	0.2	U	0.4	U	40	U
1,1-Dichloroethane	5	**0.23**	**J**	**8.7**		**580**		**69,000**		0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	**480**		**46**	**J**	**0.63**	**J**	0.16	U	0.16	U	**0.91**	**J**	**250**		**930**	
1,2-Dichloroethane	0.6	0.32	U	0.32	U	6.4	U	320	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	1.6	U	16	U	0.32	U	0.32	U	0.32	U	0.32	U	0.64	U	64	U
1,1-Dichloroethylene	5	0.16	U	**4.4**		**80**		**5,500**		0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	**48**		8	U	0.16	U	0.16	U	0.16	U	0.16	U	**6.0**		**270**	
cis-1,2-Dichloroethylene	5	0.15	U	**1.6**		**1,100**		**57,000**		**0.26**	**J**	0.15	U	0.15	U	0.15	U	0.15	U	**490**		**2,000**		0.15	U	0.15	U	0.15	U	0.15	U	**4.0**		**21,000**	
trans-1,2-Dichloroethylene	5	0.17	U	**0.21**	**J**	**8.6**	**J**	170	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	**1.5**	**J**	**18**	**J**	0.17	U	0.17	U	0.17	U	0.17	U	0.34	U	**250**	
1,2-Dichloropropane	1	0.18	U	0.18	U	3.6	U	180	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.9	U	9	U	0.18	U	0.18	U	0.18	U	0.18	U	0.36	U	36	U
1,3-Dichloropropane	NC	0.12	U	0.12	U	2.4	U	120	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.6	U	6	U	0.12	U	0.12	U	0.12	U	0.12	U	0.24	U	24	U
2,2-Dichloropropane	NC	0.31	U	0.31	U	6.2	U	310	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	1.6	U	16	U	0.31	U	0.31	U	0.31	U	0.31	U	0.62	U	62	U
1,1-Dichloropropene	NC	0.26	U	0.26	U	5.2	U	260	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	1.3	U	13	U	0.26	U	0.26	U	0.26	U	0.26	U	0.52	U	52	U
cis-1,3-Dichloropropene	0.4(a)	0.12	U	0.12	U	2.4	U	120	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.6	U	6	U	0.12	U	0.12	U	0.12	U	0.12	U	0.24	U	24	U
trans-1,3-Dichloropropene	0.4	0.15	U	0.15	U	3	U	150	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.75	U	7.5	U	0.15	U	0.15	U	0.15	U	0.15	U	0.3	U	30	U
Diethyl Ether	NC	0.22	U	0.22	U	4.4	U	220	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	1.1	U	11	U	0.22	U	0.22	U	0.22	U	0.22	U	0.44	U	44	U
Diisopropyl Ether (DIPE)	NC	0.15	U	0.15	U	3	U	150	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.75	U	7.5	U	0.15	U	0.15	U	0.15	U	0.15	U	0.3	U	30	U
1,4-Dioxane	NC	22	UJ	22	UJ	430	UJ	22,000	UJ	**130**	**J**	22	UJ	22	UJ	22	UJ	22	UJ	110	UJ	1,100	UJ	**1,500**	**J**	22	UJ	22	UJ	22	UJ	43	UJ	4,300	UJ
Ethyl Benzene	5	0.09	U	0.09	U	1.8	U	90	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.45	U	4.5	U	0.09	U	0.09	U	0.09	U	0.09	U	0.18	U	18	U
Hexachlorobutadiene	0.5	0.41	U	0.41	U	8.2	U	410	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	2	U	20	U	0.41	U	0.41	U	0.41	U	0.41	U	0.82	U	82	U
2-Hexanone (MBK)	50	1.4	U	1.4	U	28	U	1,400	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	7	U	70	U	1.4	U	1.4	U	1.4	U	1.4	U	2.8	U	280	U
Isopropylbenzene (Cumene)	5	0.1	U	0.1	U	2	U	100	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.5	U	5	U	0.1	U	0.1	U	0.1	U	0.1	U	0.2	U	20	U
p-Isopropyltoluene (p-Cymene)	5	0.09	U	0.09	U	1.8	U	90	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.45	U	4.5	U	0.09	U	0.09	U	0.09	U	0.09	U	0.18	U	18	U
Methyl Acetate	NC	0.39	U	0.39	U	7.8	U	390	U	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U	2	U	20	U	0.39	U	0.39	U	0.39	U	0.39	U	0.78	U	78	U
Methyl tert-Butyl Ether (MTBE)	10	0.17	U	0.17	U	**8.0**	**J**	170	U	**0.27**	**J**	**0.17**	**J**	0.17	U	0.17	U	0.17	U	0.85	U	8.5	U	**6.3**		**0.25**	**J**	0.17	U	0.17	U	0.34	U	34	U
Methyl Cyclohexane	NC	0.33	U	0.33	U	6.6	U	330	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	1.6	U	16	U	0.33	U	0.33	U	0.33	U	0.33	U	0.66	U	66	U
Methylene Chloride	5	0.3	U	0.3	U	6	U	**9,300**		0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	**4.3**	**J**	**33**	**J**	0.3	U	0.3	U	0.3	U	0.3	U	0.6	U	**130**	**J**
4-Methyl-2-pentanone (MIBK)	NC	1.6	U	1.6	U	32	U	1,600	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	8.1	U	81	U	1.6	U	1.6	U	1.6	U	1.6	U	3.2	U	320	U
Naphthalene	10	0.15	U	0.15	U	3	U	150	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.75	U	7.5	U	0.15	U	0.15	U	0.15	U	0.15	U	0.3	U	30	U
n-Propylbenzene	5	0.08	U	0.08	U	1.6	U	80	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.4	U	4	U	0.08	U	0.08	U	0.08	U	0.08	U	0.16	U	16	U
Styrene	5	0.08	U	0.08	U	1.6	U	80	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.4	U	4	U	0.08	U	0.08	U	0.08	U	0.08	U	0.16	U	16	U
1,1,1,2-Tetrachloroethane	NC	0.14	U	0.14	U	2.8	U	140	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.7	U	7	U	0.14	U	0.14	U	0.14	U	0.14	U	0.28	U	28	U
1,1,2,2-Tetrachloroethane	5	0.09	U	0.09	U	1.8	U	90	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.45	U	4.5	U	0.09	U	0.09	U	0.09	U	0.09	U	0.18	U	18	U
Tetrachloroethylene	5	0.2	U	0.2	U	**1,700**		200	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	1	U	**32**	**J**	0.2	U	0.2	U	0.2	U	0.2	U	**7.7**		**68**	**J**
Tetrahydrofuran	NC	0.58	U	0.58	U	**57**	**J**	580	U	0.58	U	0.58	U	0.58	U	0.58	U	0.58	U	2.9	U	29	U	**2.4**	**J**	0.58	U	0.58	U	0.58	U	1.2	U	120	U
Toluene	5	0.11	U	0.11	U	2.2	U	**390**	**JH**	0.11	U	0.11	U	0.11	U	1.0	U	1.0	U	0.55	U	5.5	U	0.11	U	0.11	U	0.11	U	0.11	U	0.22	U	22	U
1,2,3-Trichlorobenzene	5	0.14	UJ	0.14	UJ	2.8	UJ	140	UJ	0.14	UJ	0.14	UJ	0.14	UJ	0.14	UJ	0.14	UJ	0.7	UJ	7	UJ	0.14	UJ	0.14	UJ	0.14	UJ	0.14	UJ	0.28	UJ	28	UJ
1,2,4-Trichlorobenzene	5	0.16	UJ	0.16	UJ	3.2	UJ	160	UJ	0.16	UJ	0.16	UJ	0.16	UJ	0.16	UJ	0.16	UJ	0.8	UJ	8	UJ	0.16	UJ	0.16	UJ	0.16	UJ	0.16	UJ	0.32	UJ	32	UJ
1,3,5-Trichlorobenzene	NC	0.18	U	0.18	U	3.6	U	180	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.9	U	9	U	0.18	U	0.18	U	0.18	U	0.18	U	0.36	U	36	U
1,1,1-Trichloroethane	5	0.17	U	**21**		**120**		**120,000**		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.85	U	8.5	U	0.17	U	0.17	U	0.17	U	**0.75**	**J**	**41**		**160**	**J**
1,1,2-Trichloroethane	1	0.15	UJ	0.15	UJ	3	UJ	150	UJ	0.15	UJ	0.15	UJ	0.15	UJ	0.15	UJ	0.15	UJ	0.75	UJ	7.5	UJ	0.15	UJ	0.15	UJ	0.15	UJ	0.15	UJ	0.3	UJ	30	UJ
Trichloroethylene	5	0.18	U	**1.2**		**670**		**1,100**		**0.20**	**J**	0.18	U	0.18	U	0.18	U	0.18	U	**10**		**58**		0.18	U	0.18	U	0.18	U	0.18	U	**6.2**		**150**	**J**
Trichlorofluoromethane (Freon 11)	5	0.19	U	0.19	U	3.8	U	190	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	0.95	U	9.5	U	0.19	U	0.19	U	0.19	U	0.19	U	0.38	U	38	U
1,2,3-Trichloropropane	0.04	0.31	U	0.31	U	6.2	U	310	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	1.6	U	16	U	0.31	U	0.31	U	0.31	U	0.31	U	0.62	U	62	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	0.24	U	0.24	U	**11**	**J**	**500**	**J**	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	1.2	U	12	U	0.24	U	0.24	U	0.24	U	0.24	U	**4.1**		48	U
1,2,4-Trimethylbenzene	5	0.1	U	0.1	U	2	U	100	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.5	U	5	U	0.1	U	0.1	U	0.1	U	0.1	U	0.2	U	20	U
1,3,5-Trimethylbenzene	5	0.1	U	0.1	U	2	U	100	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.5	U	5	U	0.1	U	0.1	U	0.1	U	0.1	U	0.2	U	20	U
Vinyl Chloride	2	0.2	U	0.2	U	**130**		**2,500**		**12**	**J**	0.2	U	0.2	U	0.2	U	0.2	U	**11**		**74**	**J**	**0.79**	**J**	0.2	U	0.2	U	0.2	U	**13**		**3,900**	
m/p Xylene	5(b)	0.18	U	0.18	U	3.6	U	180	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.9	U	9	U	0.18	U	0.18	U	0.18	U	0.18	U	0.36	U	36	U
o-Xylene	5(b)	0.09	U	0.09	U	1.8	U	90	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.45	U	4.5	U	0.09	U	0.09	U	0.09	U	0.09	U	**0.22**	**J**	18	U
Xylenes, total	5	0.18	U	0.18	U	3.6	U	180	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.9	U	9	U	0.18	U	0.18	U	0.18	U	0.18	U	**0.22**	**J**	36	U

Notes:
ug/L - micrograms per liter.
J - Estimated value.
JH – Estimated value, biased high.
NA - Sample not analyzed for the listed analyte.
NC - No NYSDEC standards exist for this analyte.
U - Analyte was not detected at specified quantitation limit.
UJ - Estimated non-detect.
Values in **bold** indicate the analyte was detected.
Values shown in bold and shaded type exceed the listed Guidance Value.
VOCs - Volatile Organic Compounds.
* - NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA Water
(a) - criteria applicable to xylene (total), the sum of the xylene isomers.
(b) - criteria applicable to the sum of the cis and trans isomers.

Table 6
New York State Department of Environmental Conservation
SMP B - Stuart Olver Holtz - Site No. 828079
Henrietta, New York
Summary of Total CVOCs in Discrete Groundwater Samples - December 2021

	Transect A - A'				Transect B - B'				Transect C - C'						Transect D - D'						Stand Alone Locations			
	Sample Location				Sample Location				Sample Location						Sample Location						Sampling Location			
Depth bgs (feet)	SOH-DGW-01	SOH-DGW-02	SOH-DGW-03	SOH-DGW-23	SOH-DGW-04	SOH-DGW-15	SOH-DGW-13	SOH-DGW-14	SOH-DGW-05	SOH-DGW-06	SOH-DGW-07	SOH-DGW-08	SOH-DGW-16	SOH-DGW-12	SOH-DGW-11	SOH-DGW-10	SOH-DGW-09	SOH-DGW-24	SOH-DGW-21	SOH-DGW-17	SOH-DGW-18	SOH-DGW-19	SOH-DGW-22	SOH-DGW-20
0-2																								
2-4																							(3-7)	
4-6															(5-9)	(5-9)			(5-9)	(7-11)	(6-10)	(7-11)	0	(7-11)
6-8	(6-10)	(7-11)	(7-11)				(7-11)		(7-11)	(7-11)	(7-11)	(7-11)	(8-12)	(7-11)	219.15	3,382.8	(8-12)	(6-10)	8,065	1,231.9	0	19.41		10.9
8-10	358.8	397.8	2.26	(8-12)	(9-13)	(9-13)	85.07	(9-13)	37.6	12,632	3,191.2	297.89	41,350	44,890			13,389	34,774						
10-12				7,622.5	331.5	348.7		42,090							(11-15)				(11-15)	(11-15)	(11-15)	(11-15)		(11-15)
12-14		(13-17)	(13-17)				(12-16)		(12-16)	(11-15)	(11-15)	(11-15)			4,315				280,100	2,102	0	444.9	(14-18)	1.07
14-16		12,848	1,917.4	(15-19)	(15-19)		1,354.8		3,654.4	47,120	17,970	41.6						(15-19)					31.69	
16-18				5,356	344.14								(17-21)			(18-22)		197,860					
18-20													1,329.7			2,329.2	(20-24)				(17-21)	(16-20)		(16-20)
20-22	(21-25)					(21-25)		(21-25)						(21-25)	(22-26)		137,100		(22-26)	(22-26)	1.78	1.41	(19-23)	0.23
22-24	2,130					62.22		916						9.64	19444				5,648	1,099.2			0.82	
24-26				(25-29)	(26-30)							(26-30)				(22-26)	(25-29)	25-29)						
26-28				40.73	680.1							2,344				71.73	236,120	437400						
28-30			(30-34)				(30-34)		(29-33)		(29-33)													
30-32			1,312.5			(31-35)	53.5	(31-35)	1,283.3	(31-35)	222,100		(31-35)	(31-35)										
32-34	(33-37)	(33-37)				5.48		3,636		433.64			2,705	4,927										
34-36	274	101.8																						
36-38																								
38-40																								

Notes:
CVOC: Chlorinated Volatile Organic Compounds
bgs: Below ground surface
Certain discrete groundwater sample locations are offset and have been projected onto the Transects shown on **Figure 5**.
Total CVOC Concentrations are reported in µg/L (micrograms per liter)
Total CVOC concentrations below 1,000 µg/L are unshaded
Total CVOC concentration between 1,000 - 10,000 µg/L
Total CVOC concentration between 10,000 - 100,000 µg/L
Total CVOC concentration between 100,000 - 450,000 µg/L

Table 7
New York State Department of Environmental Conservation
SMP B - Stuart Olver Holtz Site - Site No. 828079
Henrietta, New York
Summary of Depth to Water Measurements and Groundwater Surface Elevations

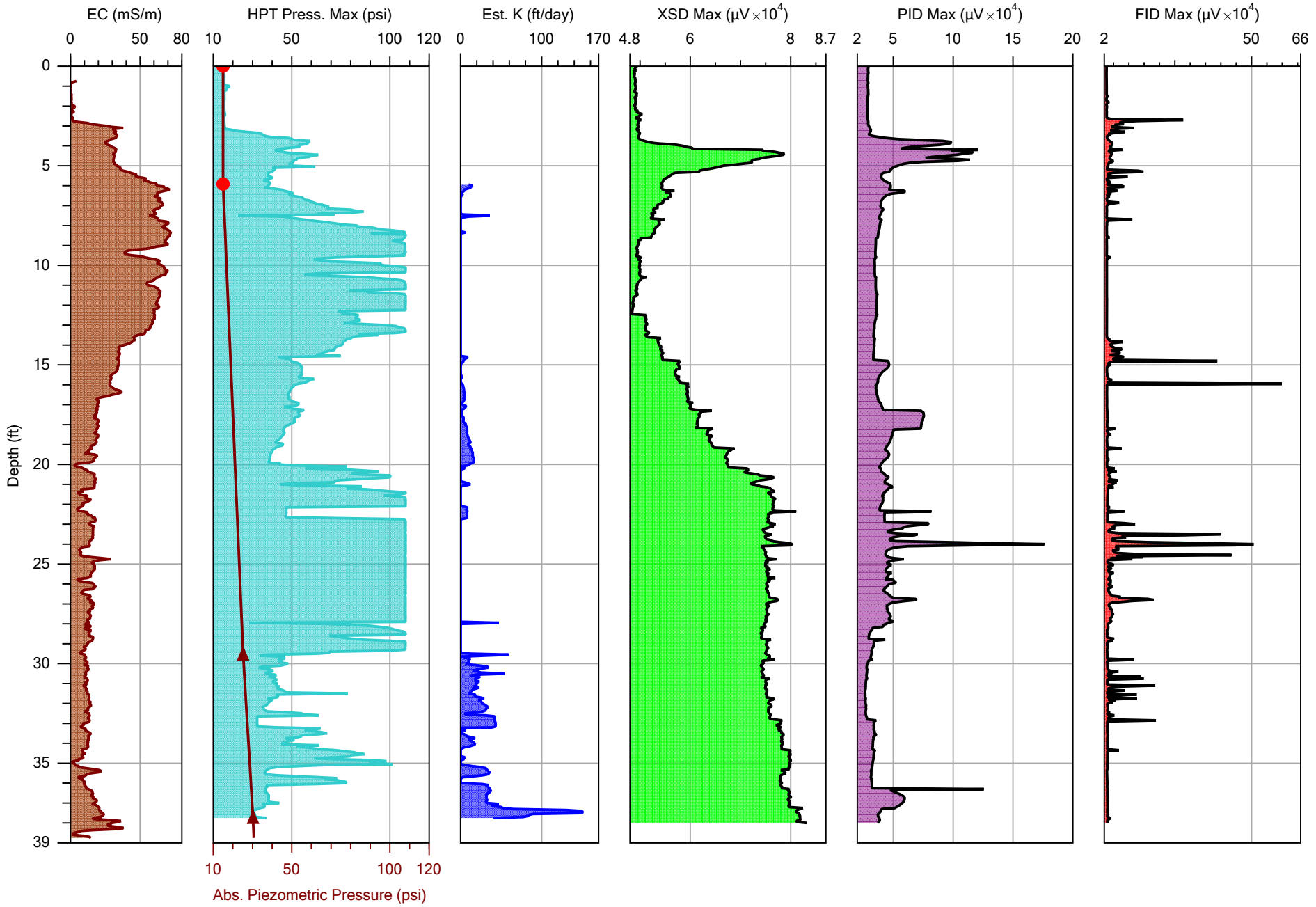
Well/Piezometer	Formation Screened	Top of Riser Elevation (Feet AMSL)	Water Level Measurement Date	Depth to Water (Feet Below Top of Riser)	Depth to Bottom (Feet Below Top of Riser)	Groundwater Surface Elevation (Feet AMSL)
Existing Monitoring Wells						
URS-02	Overburden	NA	1/4/2022	NA	NA	NA
URS-04	Overburden	526.50	1/4/2022	6.84	16.20	519.66
URS-05	Overburden	524.63	1/4/2022	4.33	27.05	520.30
URS-08	Overburden	533.99	1/4/2022	4.42	23.05	529.57
URS-09	Overburden	534.11	1/4/2022	5.52	25.56	528.59
URS-15	Overburden	527.95	1/4/2022	2.89	26.40	525.06
OW-03S	Overburden	527.25	1/4/2022	6.61	25.05	520.64
OW-06S	Overburden	531.00	1/4/2022	5.59	15.99	525.41
B1-PZ-03	Overburden	529.97	1/4/2022	7.23	22.22	522.74
B4-PZ-01	Overburden	530.75	1/4/2022	7.25	22.81	523.50
MW-06	Overburden	NA	1/4/2022	NA	NA	NA
New Monitoring Wells						
SOH-MW-06[1]	Overburden	527.26	1/4/2022	2.98	27.71	524.28
SOH-MW-07	Overburden	523.85	1/4/2022	4.78	27.44	519.07
SOH-MW-08	Overburden	532.01	1/4/2022	4.97	22.26	527.04
SOH-MW-09	Overburden	530.52	1/4/2022	6.60	18.56	523.92
SOH-MW-10	Overburden	522.43	1/4/2022	0.57	19.76	521.86
Ruby Gordon Sump						
RG-SUMP-05	NA	521.24	4/12/2022	3.84	6.36	517.40

Notes:
AMSL - Above Mean Sea Level
NA - Not Applicable
* - Estimate elevation, measured from known elevation of SOH-MW-10 using survey laser level.
[1] Replaced OW-07S

APPENDIX A

DIRECT SENSING LOGS COMBINED

SOH-DS-01



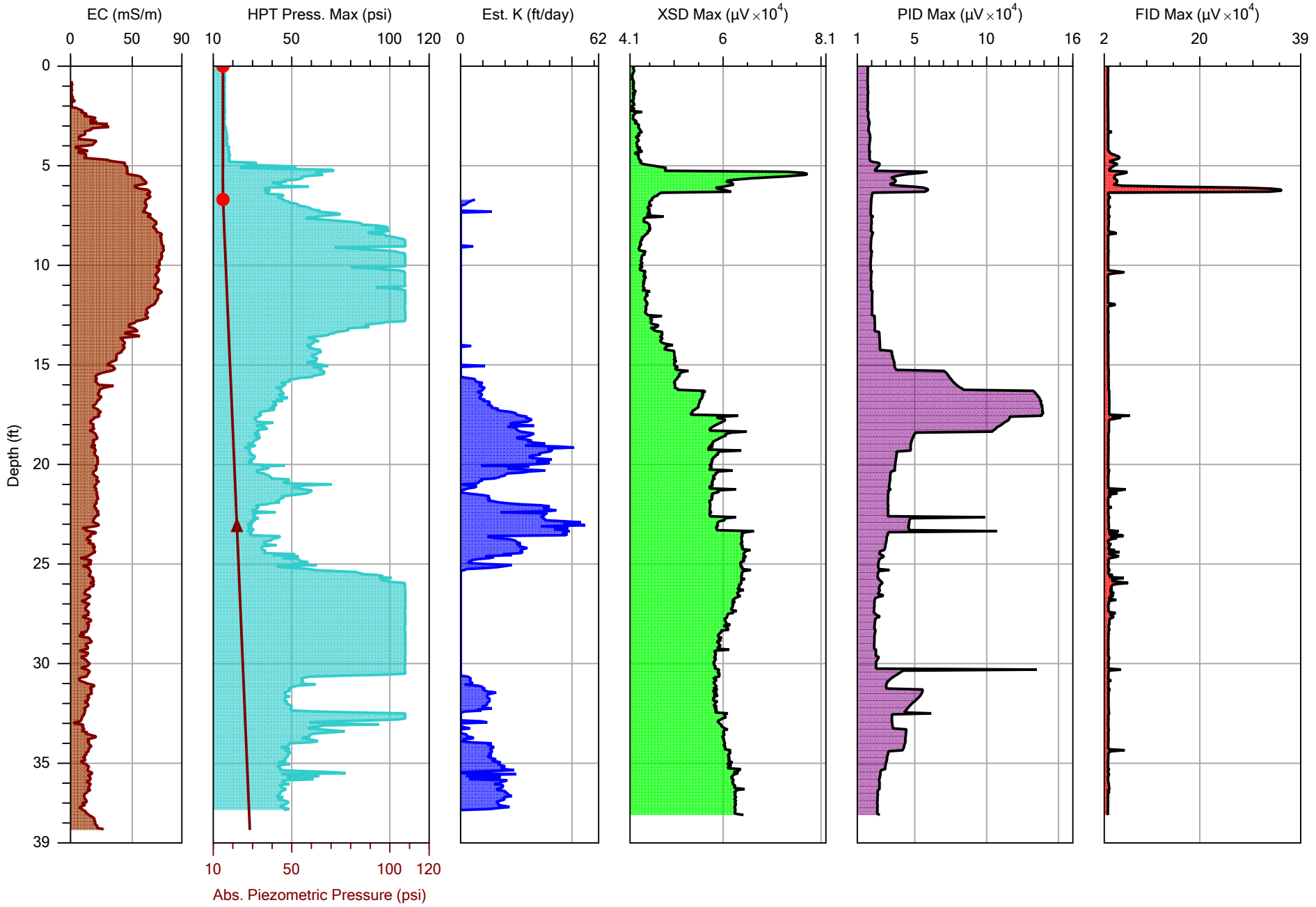
DIRECT IMAGE

parratt wolff inc

MIHPT | OIHPT | HPT | EC

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Company: Parratt-Wolff, Inc.	Operator: Devin Gawarecki	Date: 9/20/2021
Project ID: 21092	Client: TRC	Location: Henrietta, NY

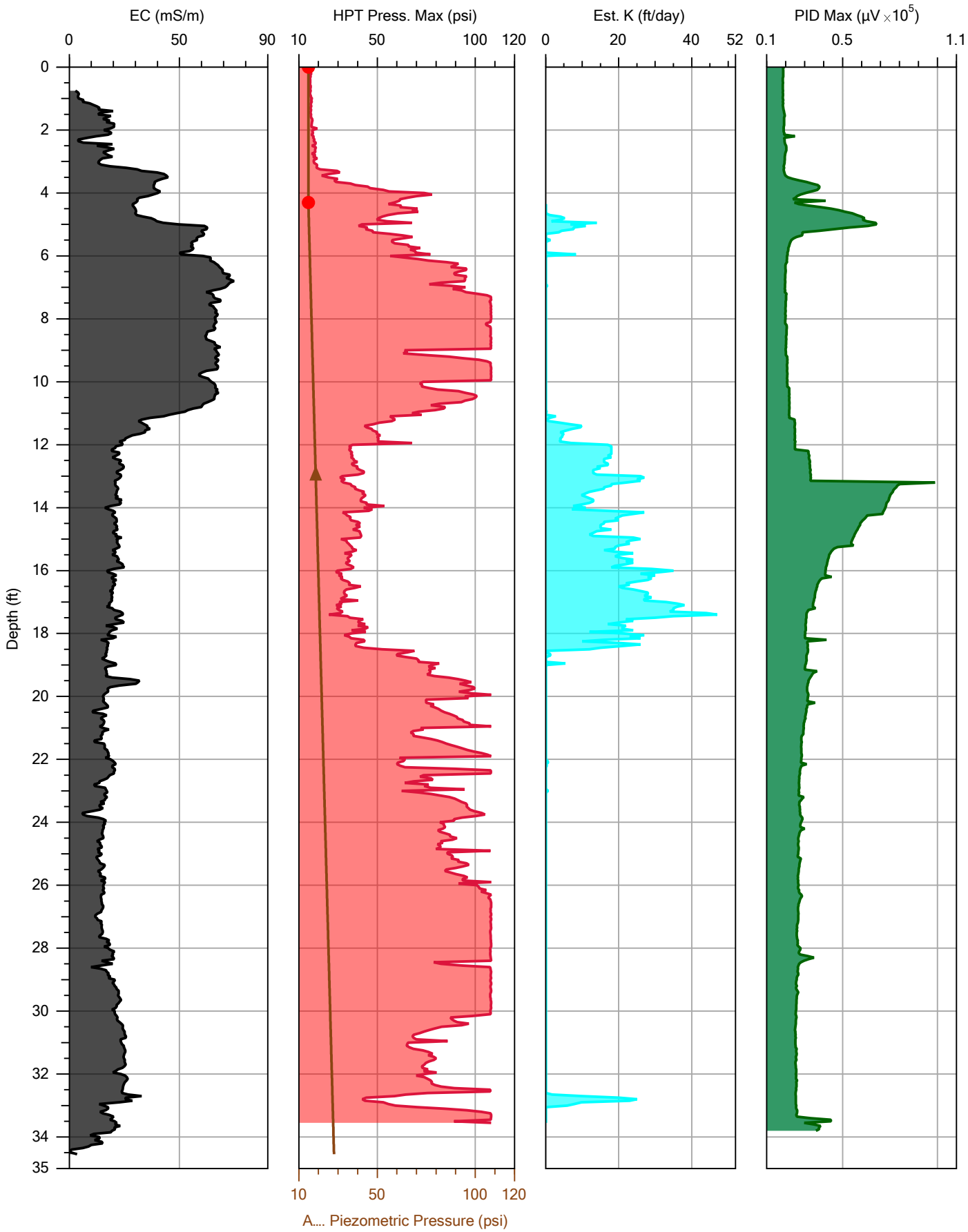
SOH-DS-02



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Project ID: 21092	Client: TRC	Location: Henrietta, NY

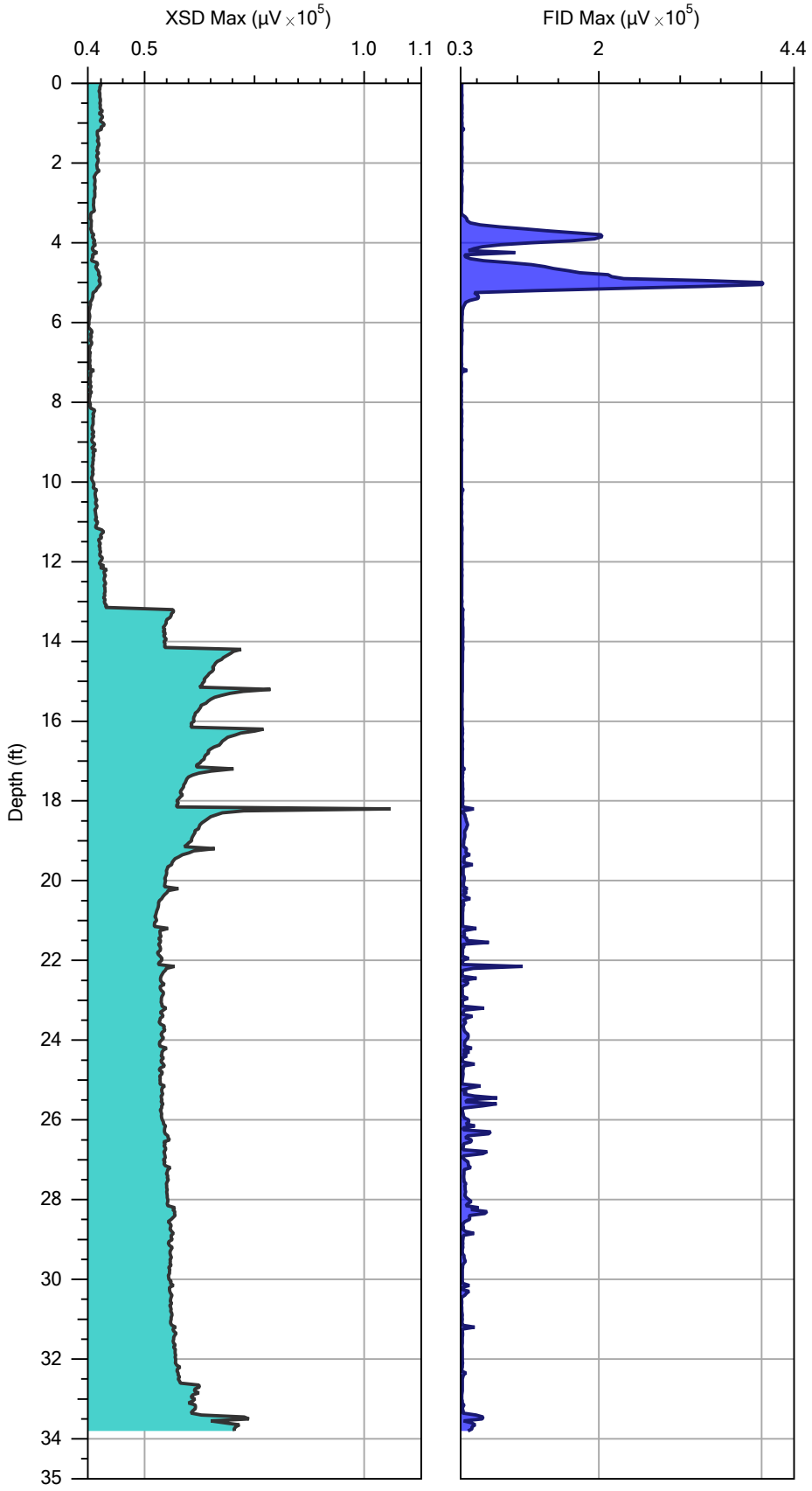
SOH-DS-03



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Company: Parratt-Wolff, Inc.	Operator: Devin Gawarecki		File: MIHPT-3.MHP
Project ID: 21092	Client: TRC		Date: 9/21/2021
			Location: Henrietta, NY

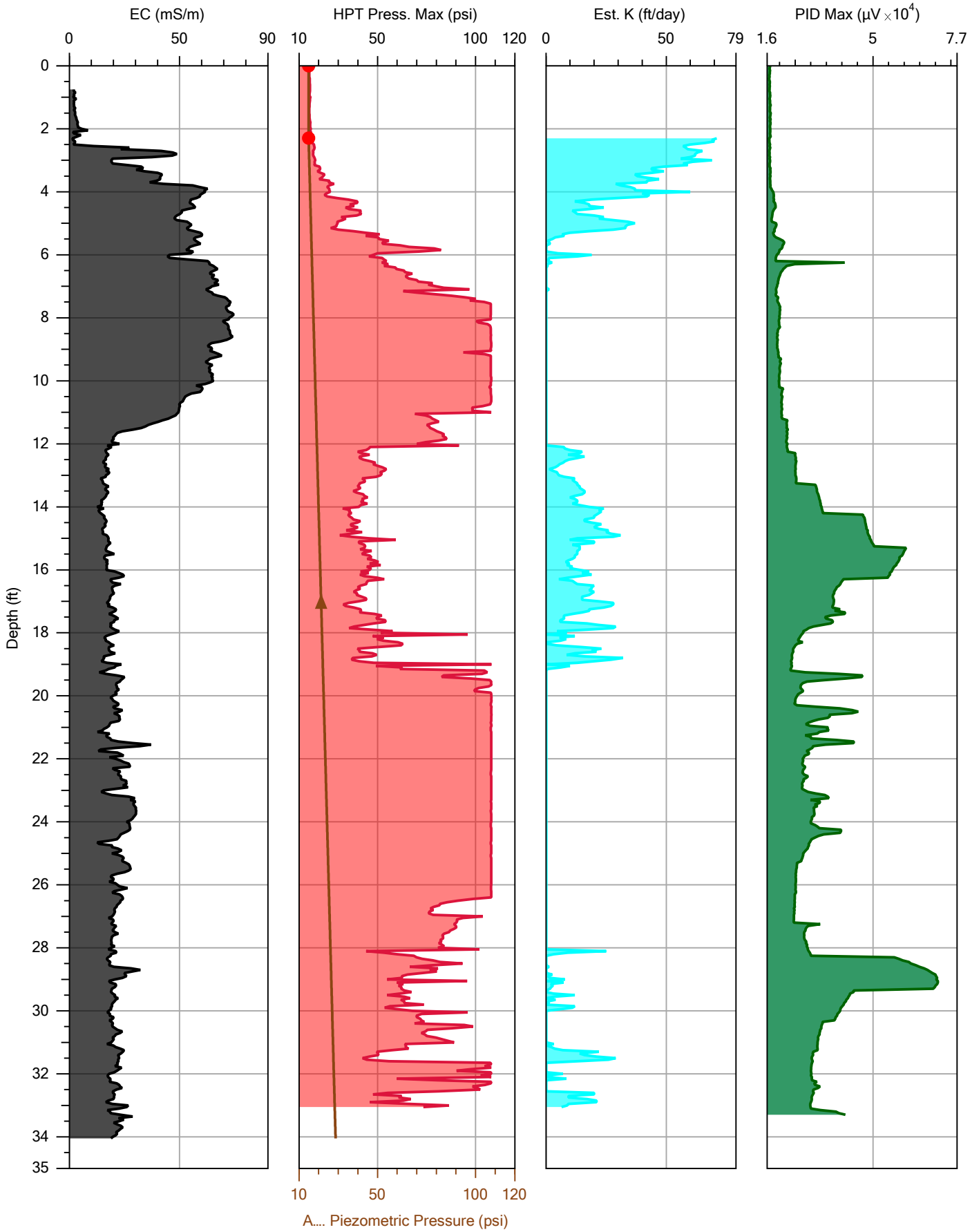
SOH-DS-03



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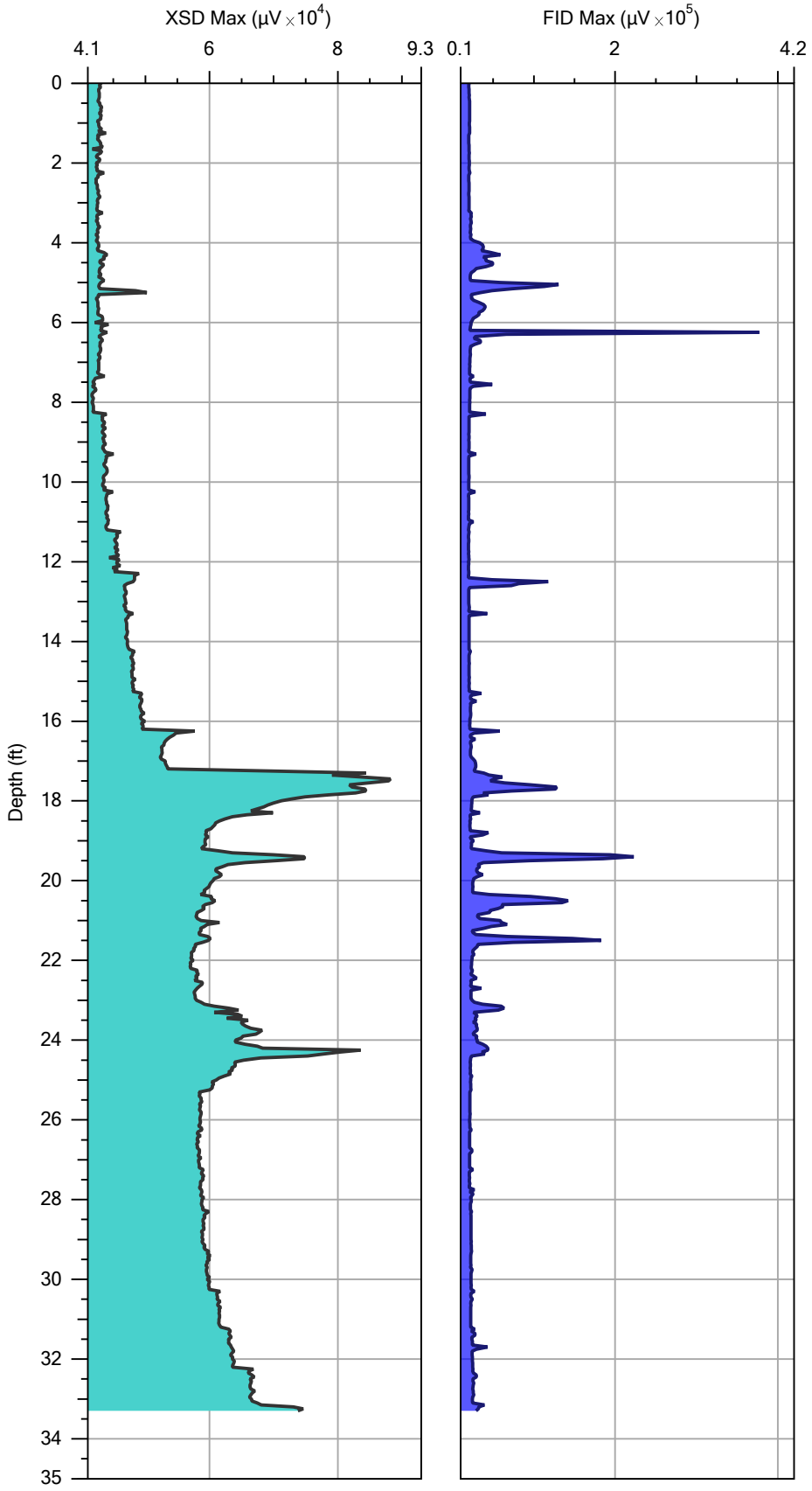
SOH-DS-04



Direct Image® By Geoprobe Systems®

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Project ID: 21092		Client: TRC	Location: Henrietta, NY

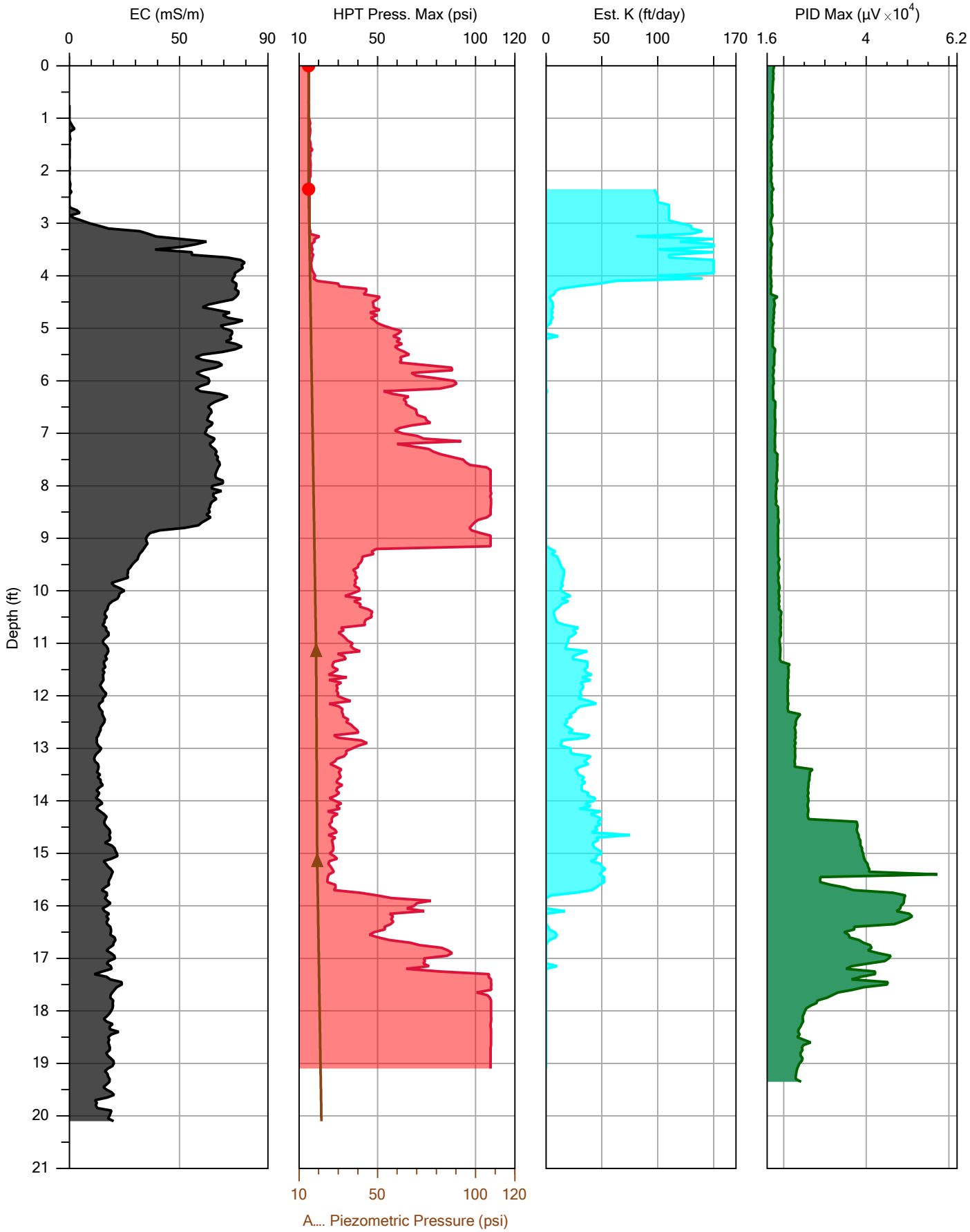
SOH-DS-04



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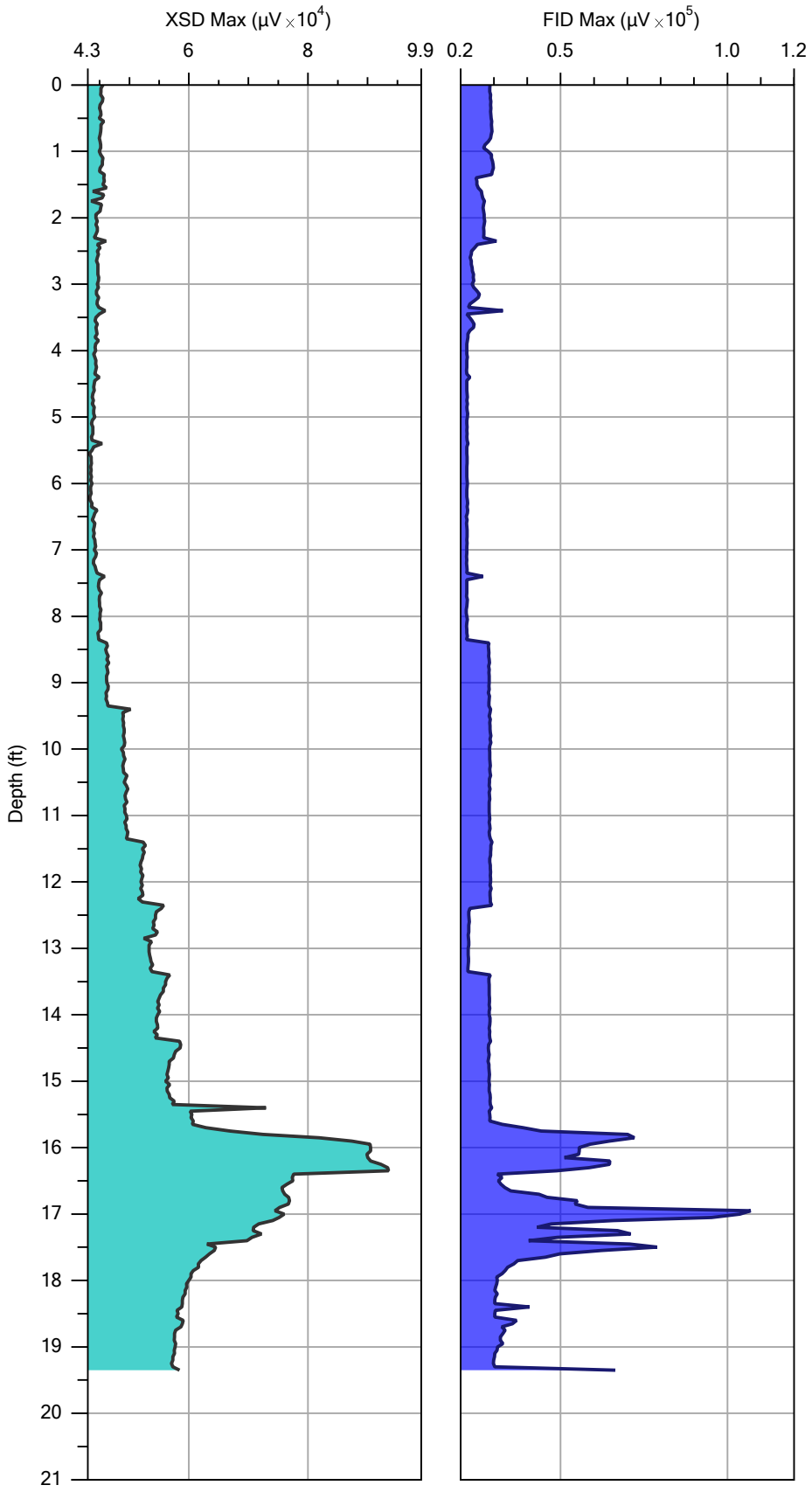
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Project ID: 21092	Client: TRC	Location: Henrietta, NY

SOH-DS-05



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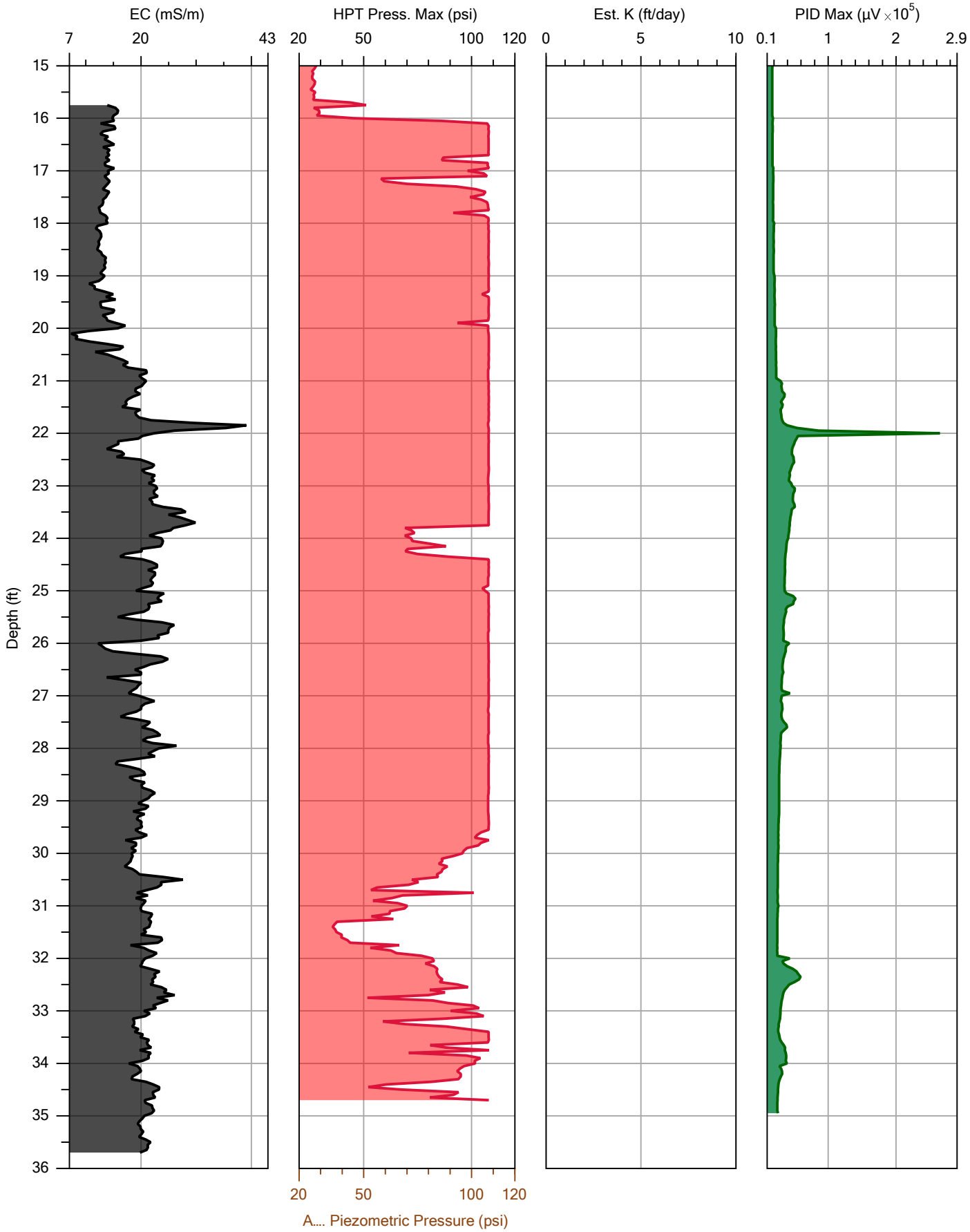
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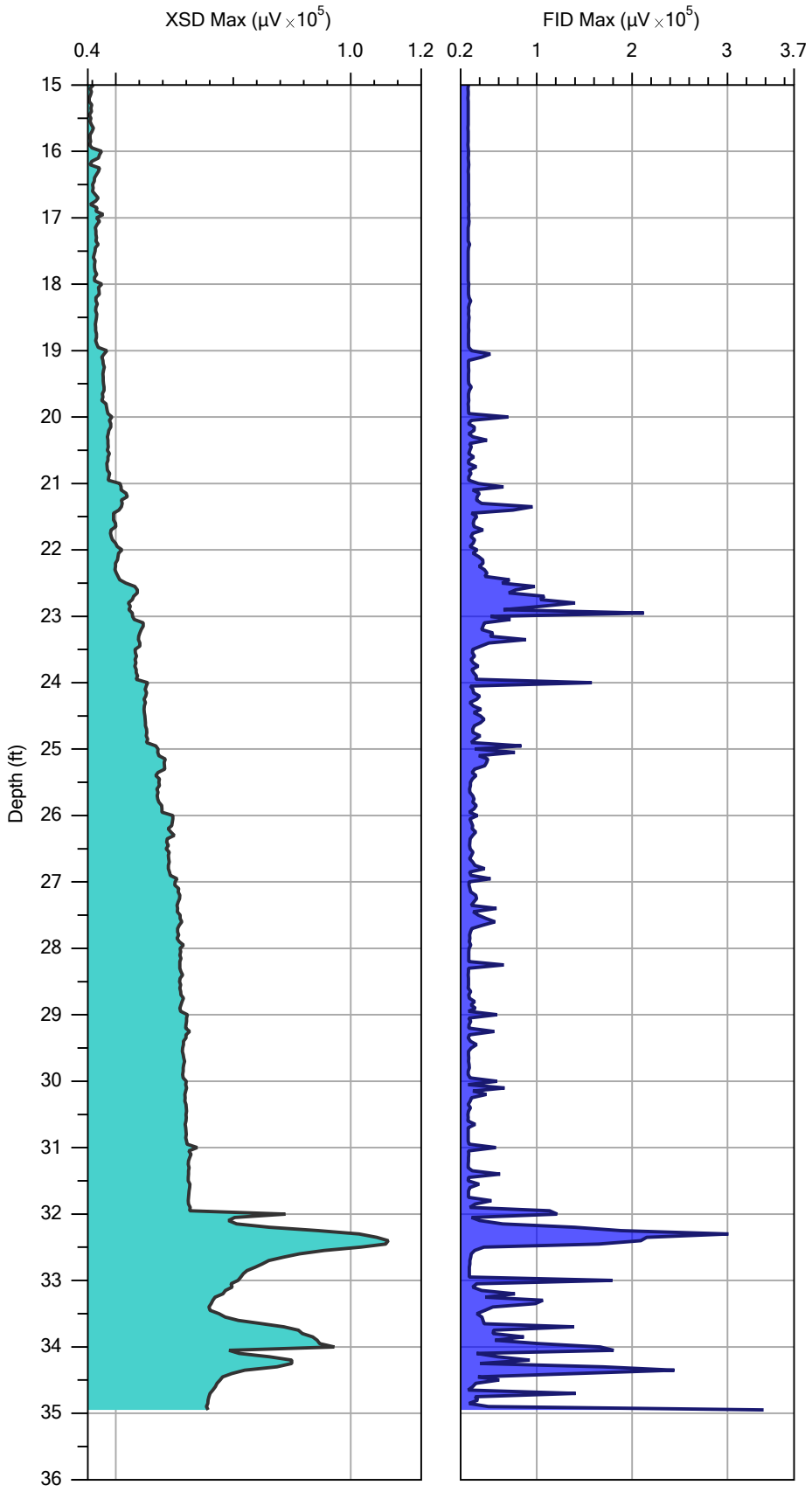
SOH-DS-05A



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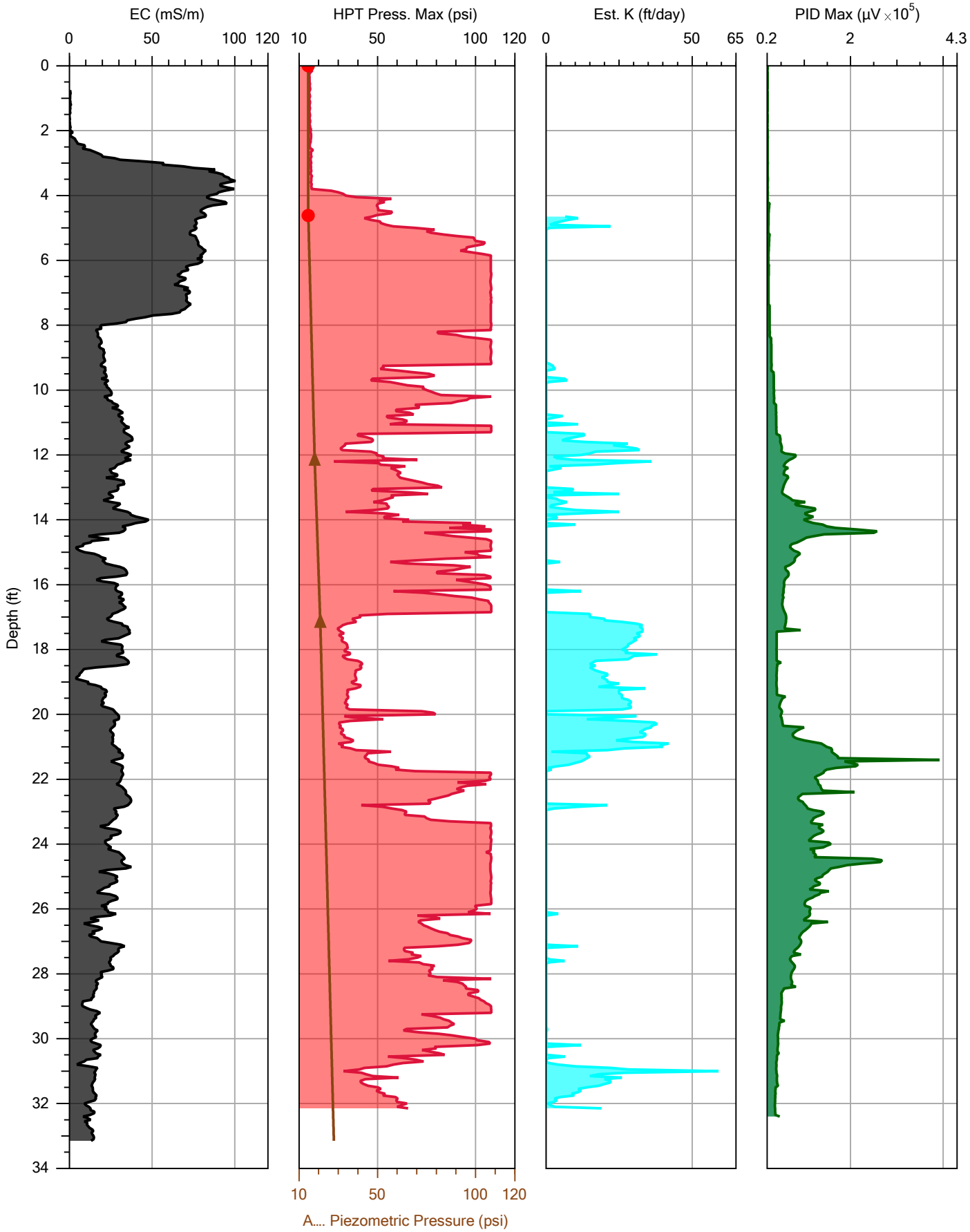
SOH-DS-05A



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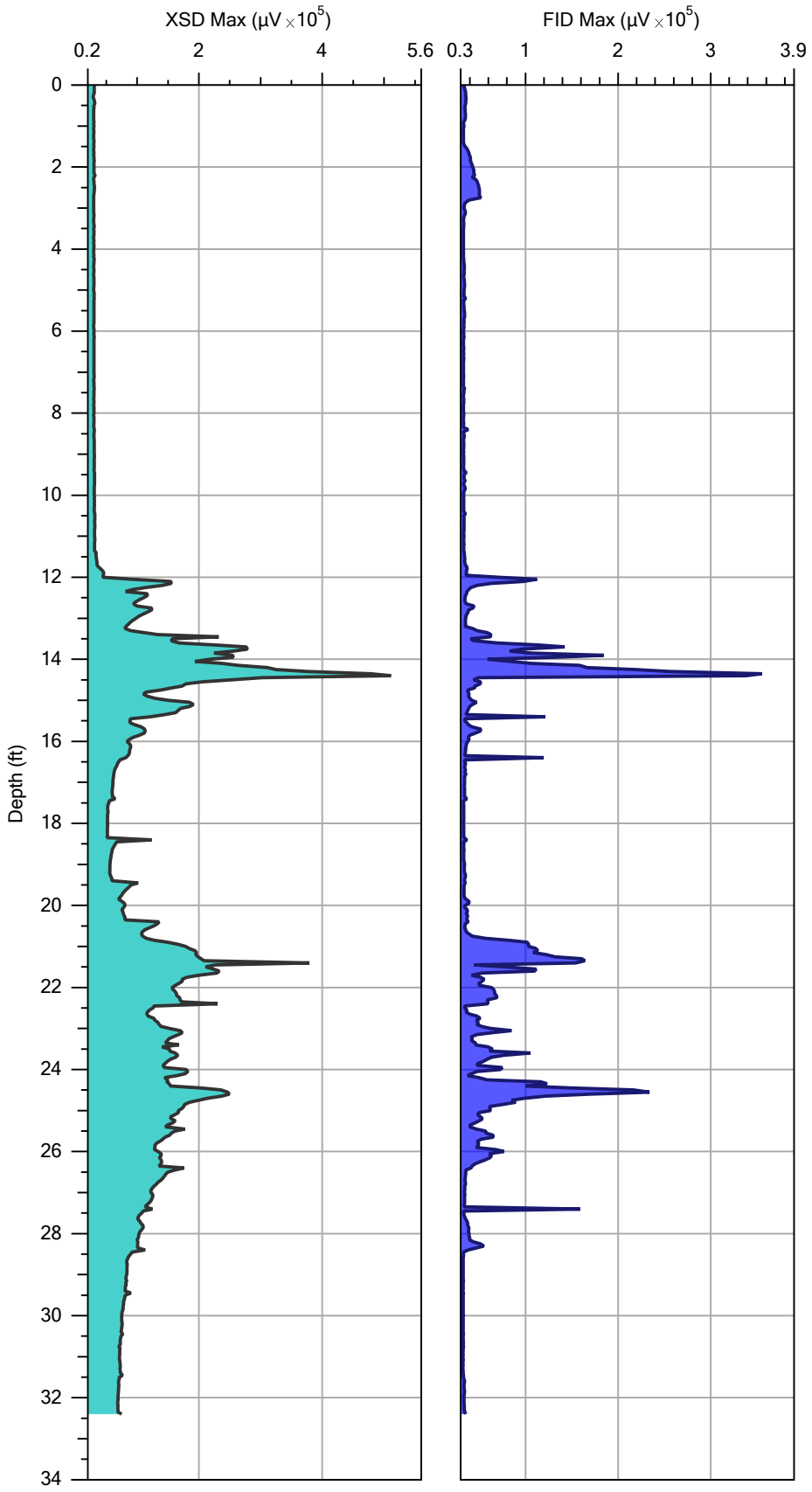
SOH-DS-06



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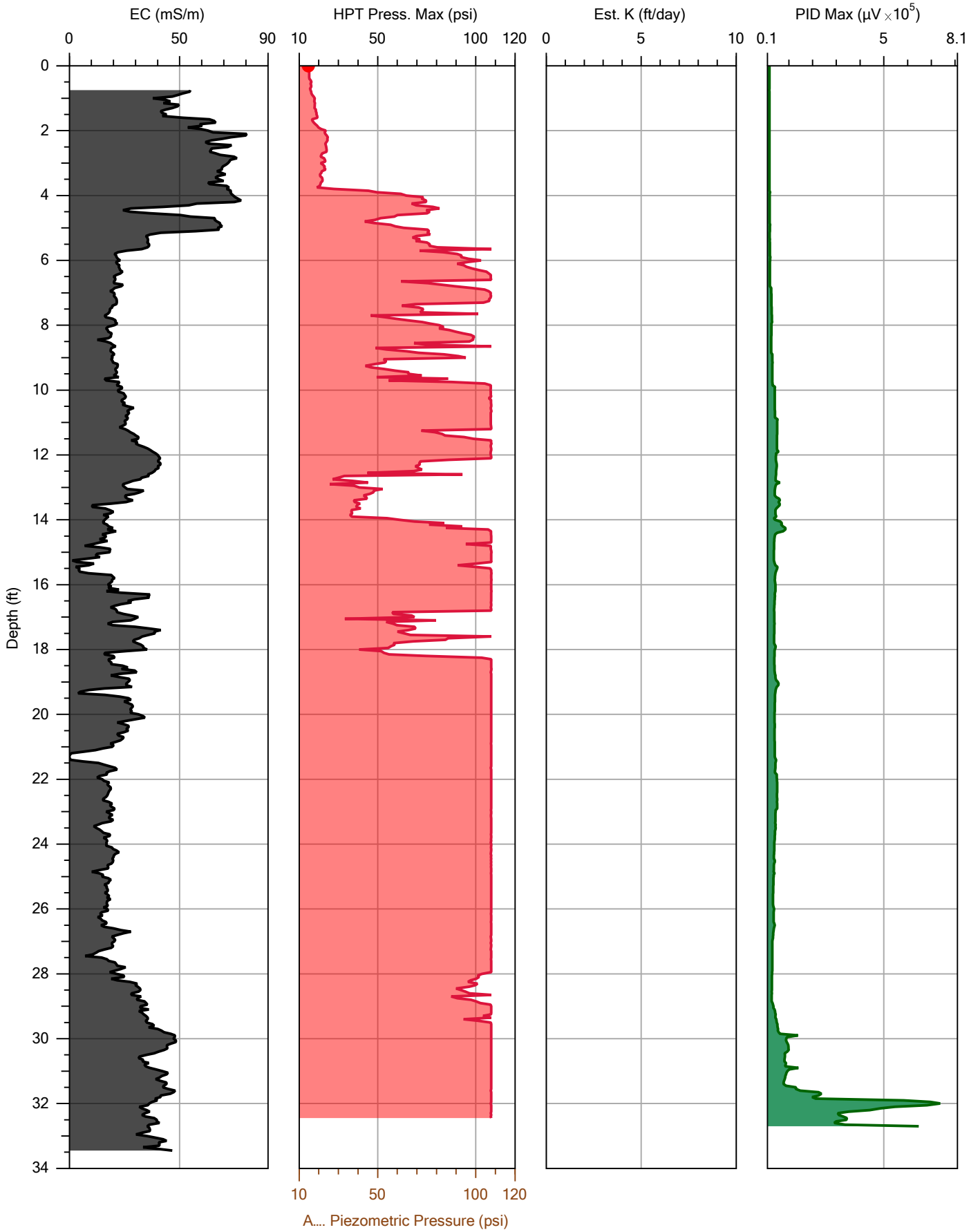
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Project ID: 21092	Client: TRC		Location: Henrietta, NY

SOH-DS-06



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Company: Parratt-Wolff, Inc.		Operator: Devin Gawarecki	Date: 9/22/2021
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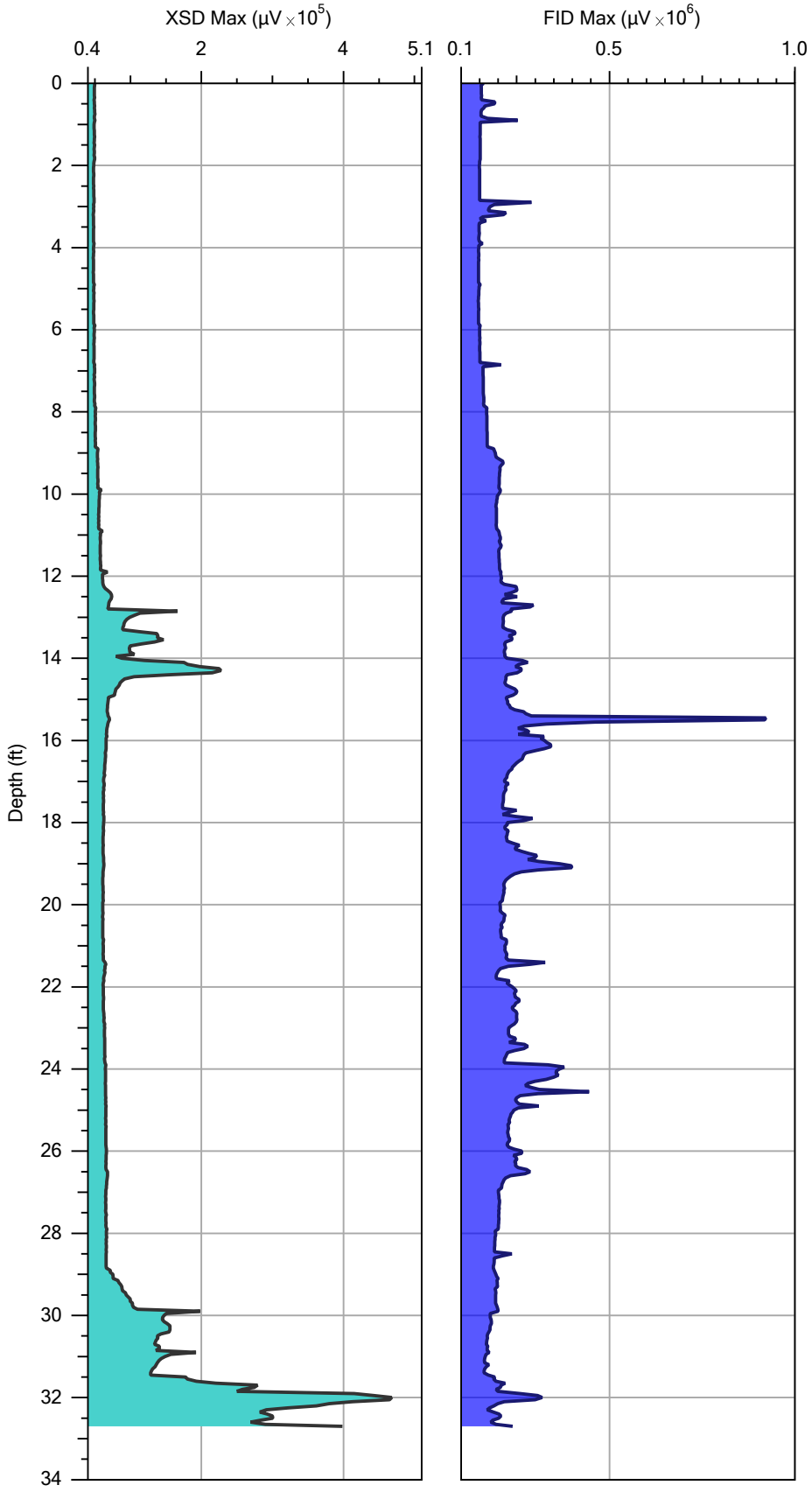
SOH-DS-07



Direct Image® By Geoprobe Systems®

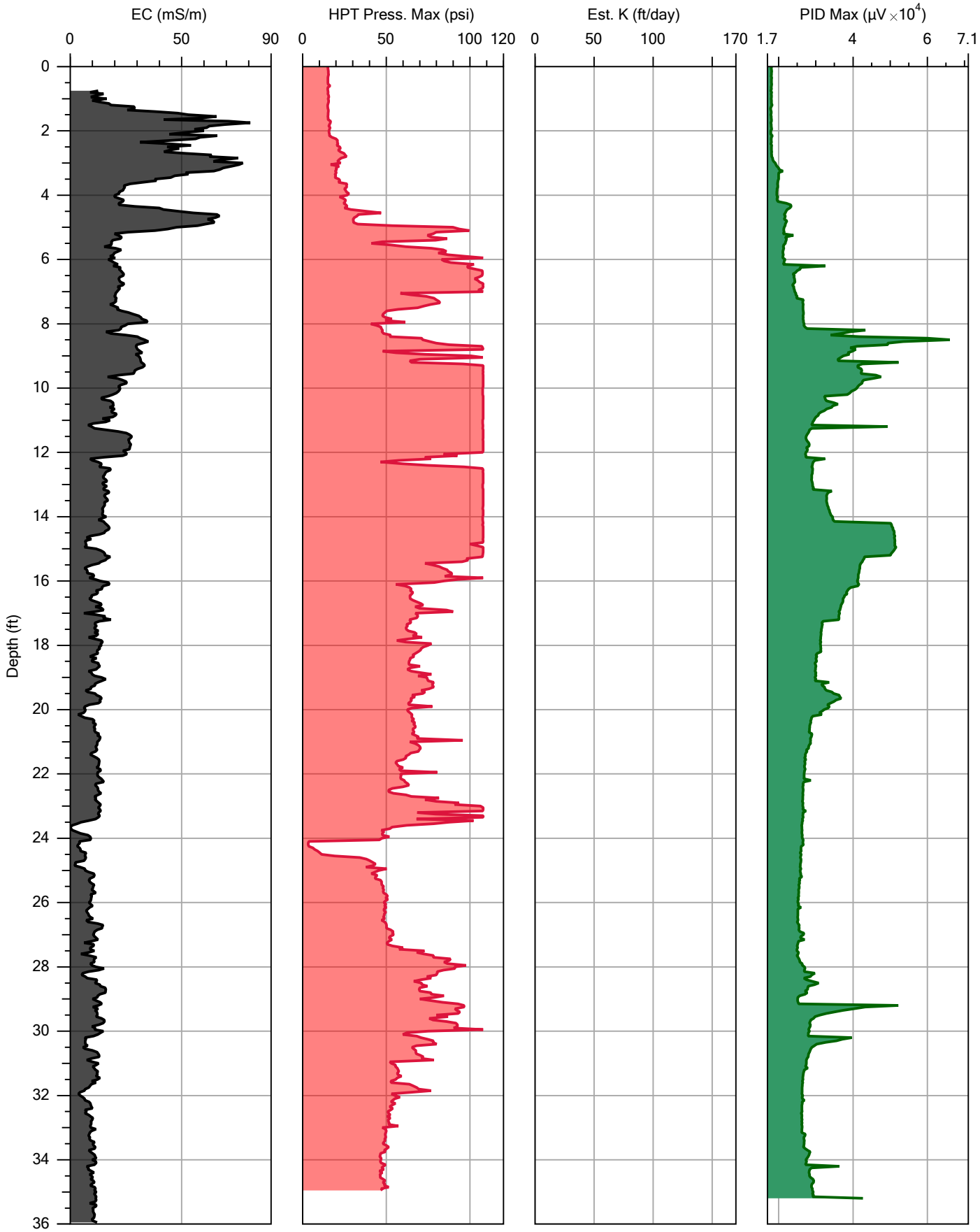
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Company: Parratt-Wolff, Inc.		Operator: Devin Gawarecki	Date: 9/22/2021
Project ID: 21092		Client: TRC	Location: Henrietta, NY

SOH-DS-07



			File: MIHPT-7.MHP
Company: Parratt-Wolff, Inc.		Operator: Devin Gawarecki	Date: 9/22/2021
Project ID: 21092		Client: TRC	Location: Henrietta, NY

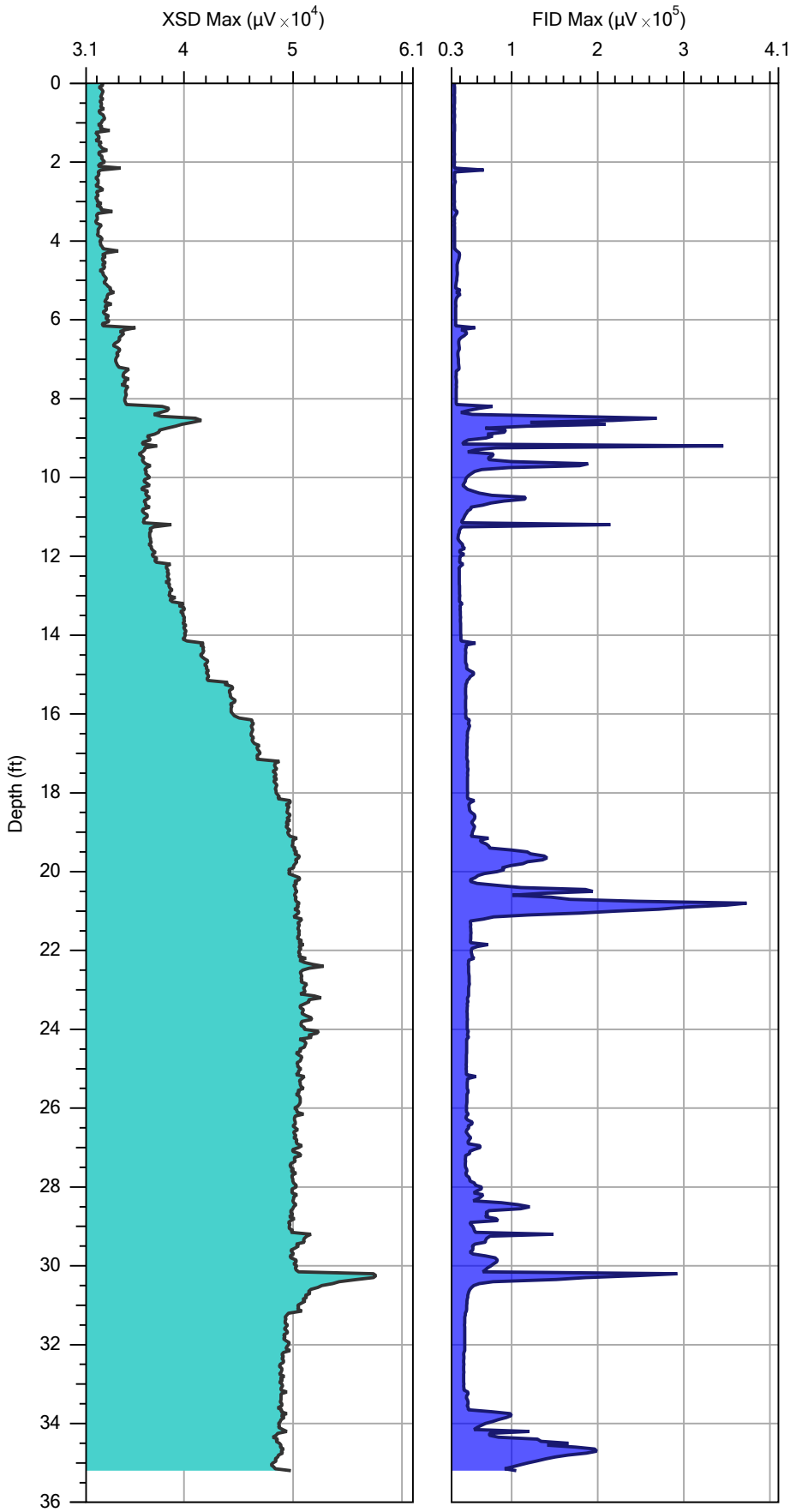
SOH-DS-08



Direct Image® By Geoprobe Systems®

Company: Parratt-Wolff, Inc.	Operator: Devin Gawarecki		File: MIHPT-8.MHP
Project ID: 21092	Client: TRC		Date: 9/22/2021
			Location: Henrietta, NY

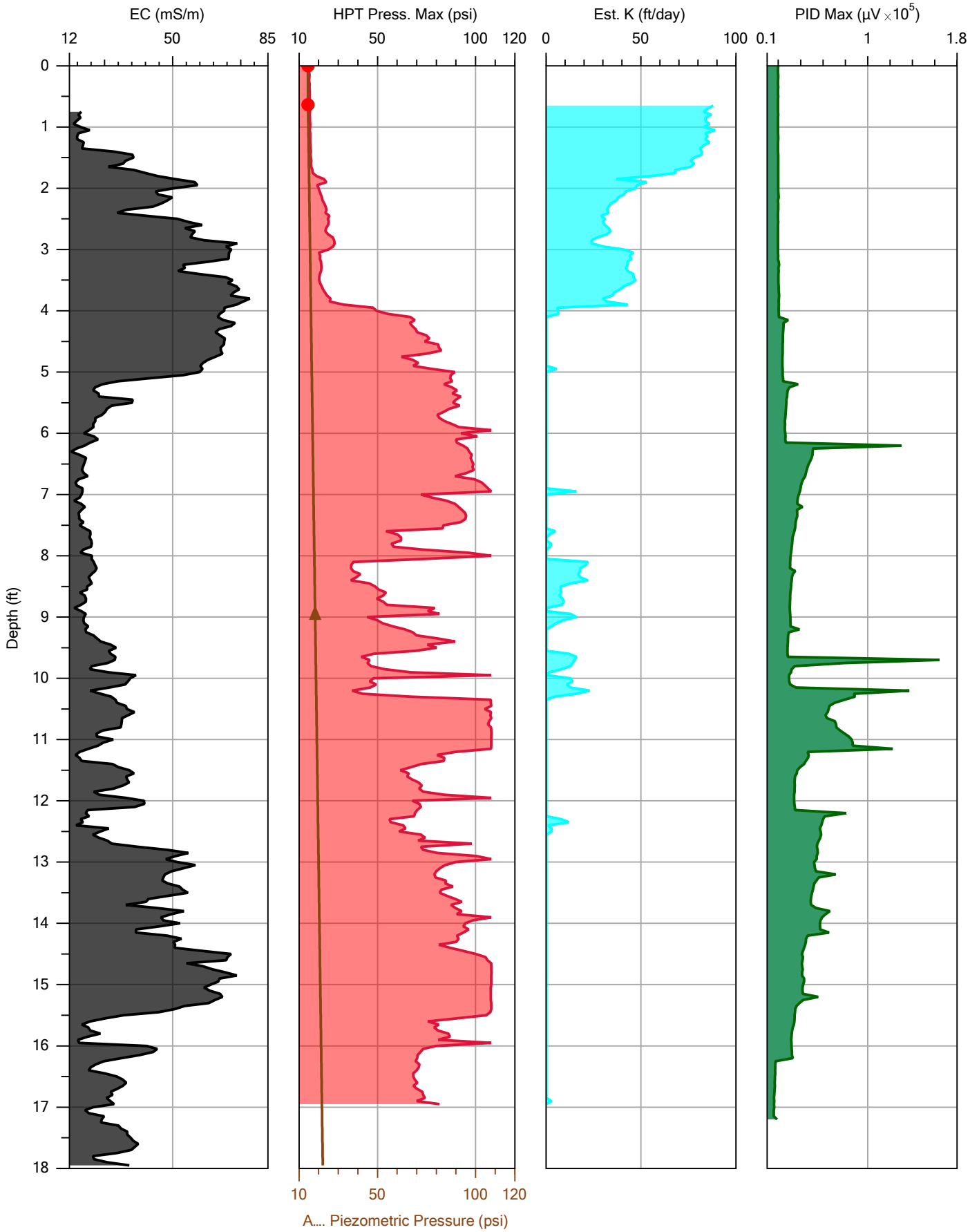
SOH-DS-08



Direct Image® By Geoprobe Systems®

			File: MIHPT-8.MHP
Company: Parratt-Wolff, Inc.		Operator: Devin Gawarecki	Date: 9/22/2021
Project ID: 21092		Client: TRC	Location: Henrietta, NY

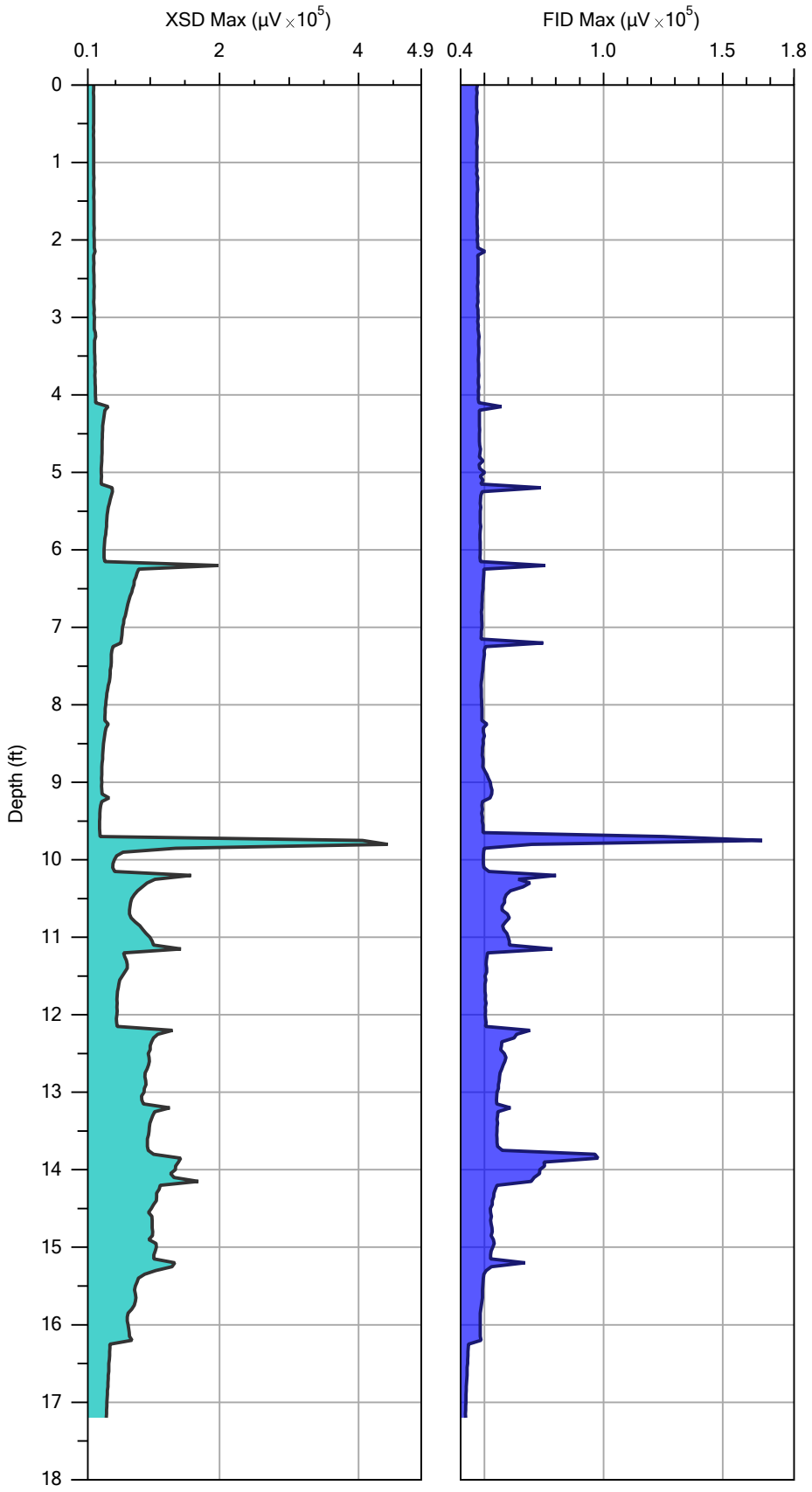
SOH-DS-09



Direct Image® By Geoprobe Systems®

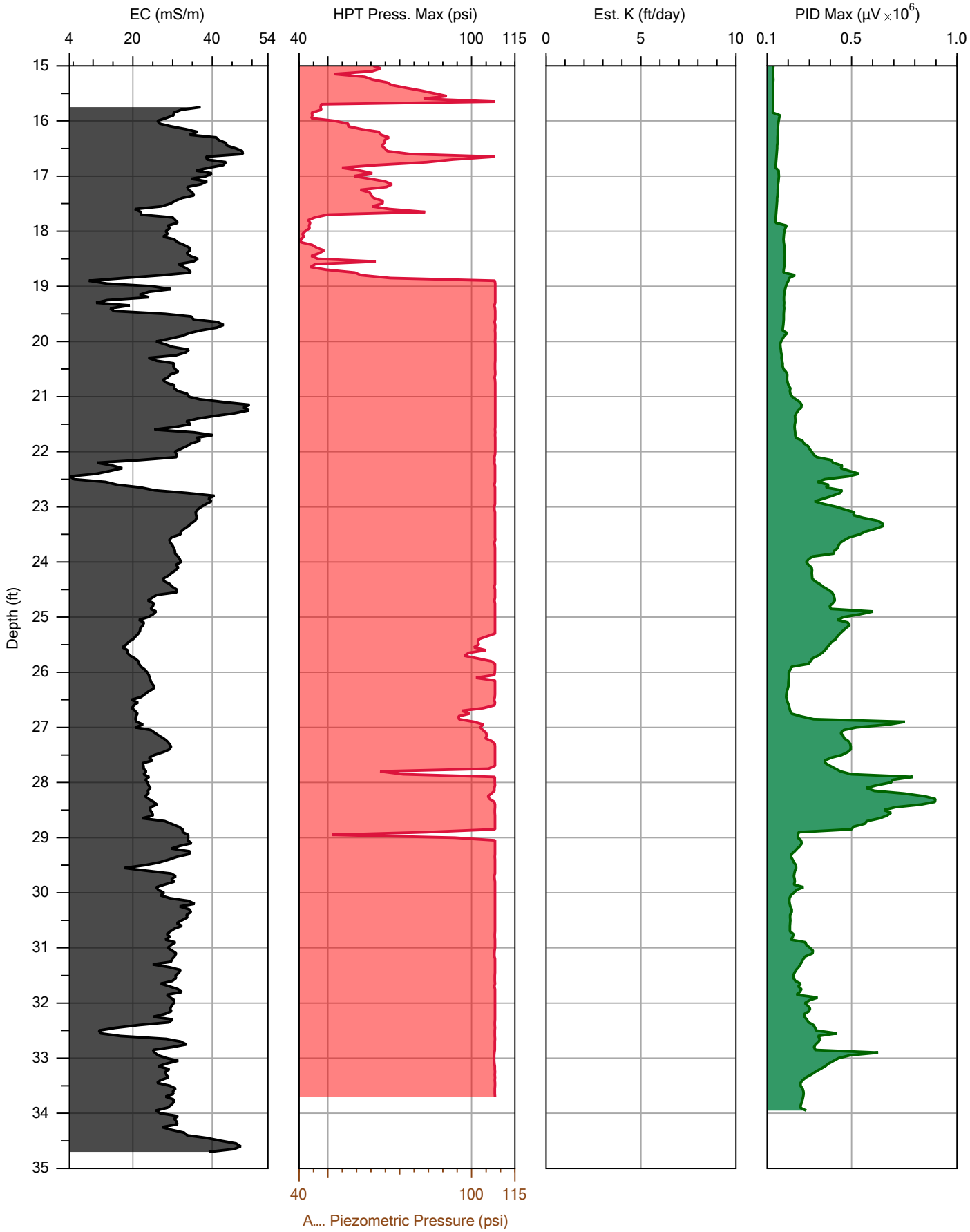
		File: MIHPT-9.MHP
Company: Parratt-Wolff, Inc.	Operator: Devin Gawarecki	Date: 9/23/2021
Project ID: 21092	Client: TRC	Location: Henrietta, NY

SOH-DS-09



			File: MIHPT-9.MHP
Company: Parratt-Wolff, Inc.		Operator: Devin Gawarecki	Date: 9/23/2021
Project ID: 21092		Client: TRC	Location: Henrietta, NY

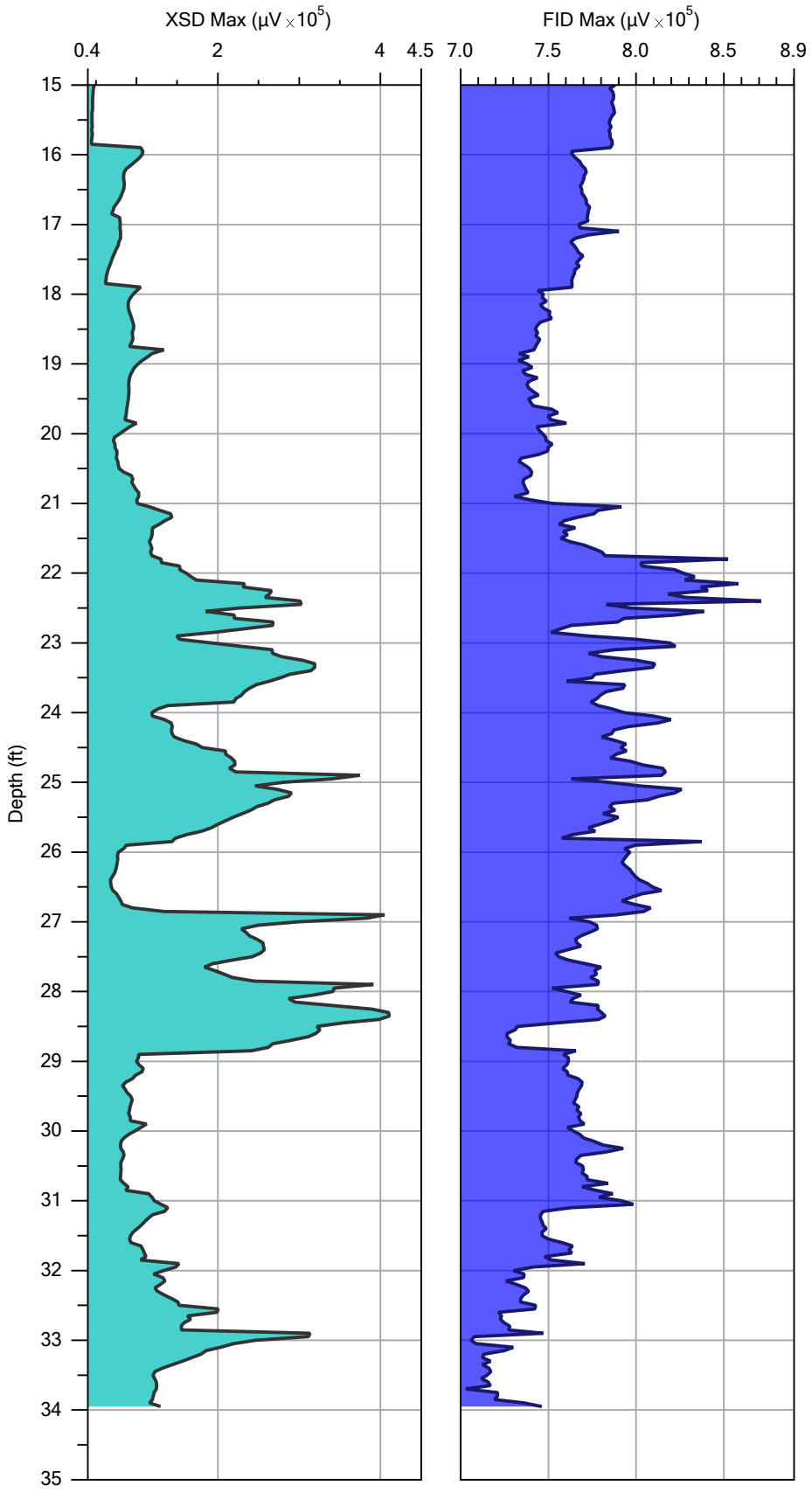
SOH-DS-09A



Direct Image® By Geoprobe Systems®

		File: MIHPT-9A.MHP
Company: Parratt-Wolff, Inc.	Operator: Devin Gawarecki	Date: 9/24/2021
Project ID: 21092	Client: TRC	Location: Henrietta, NY

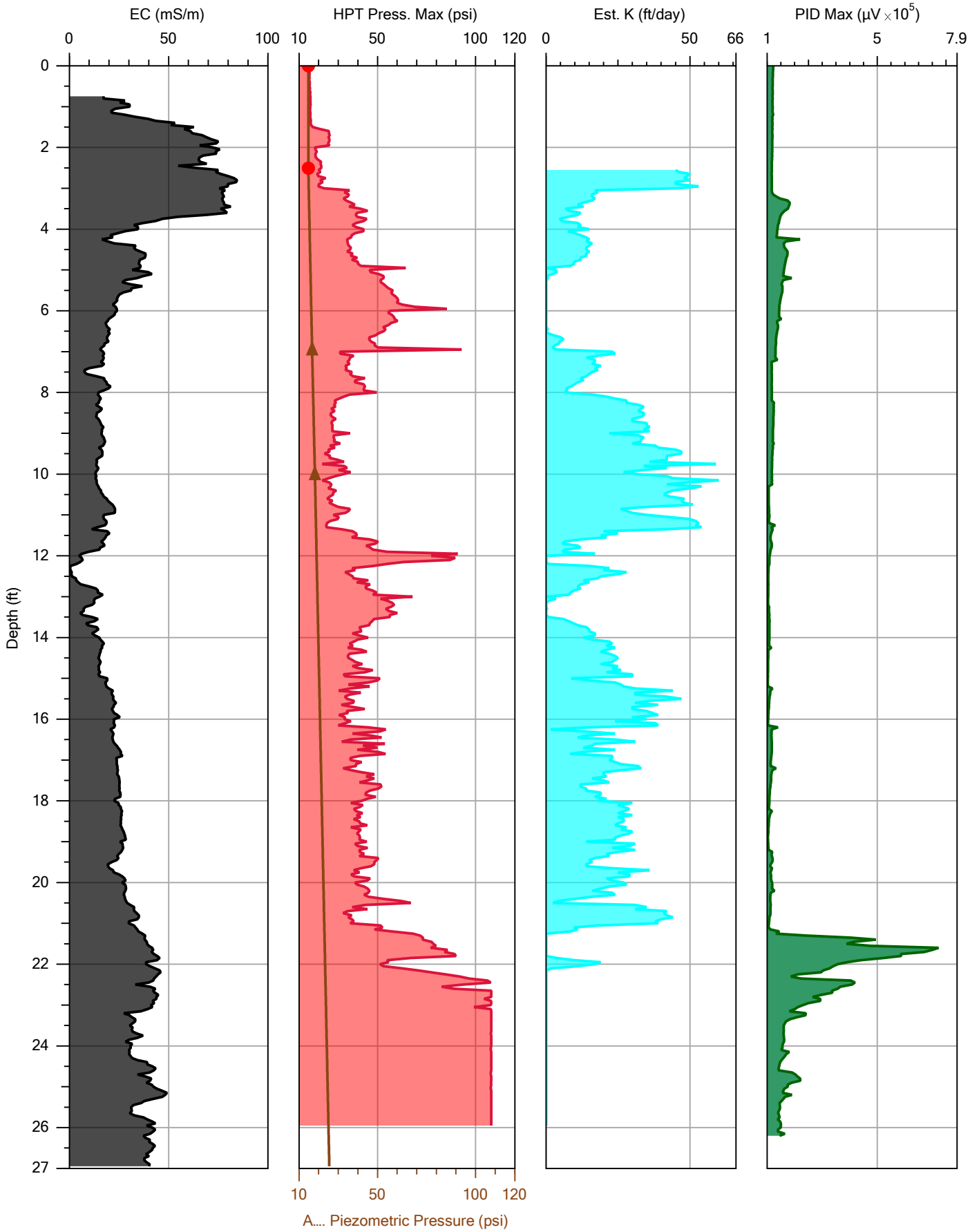
SOH-DS-09A



Direct Image® By Geoprobe Systems®

		File: MIHPT-9A.MHP
Company: Parratt-Wolff, Inc.	Operator: Devin Gawarecki	Date: 9/24/2021
Project ID: 21092	Client: TRC	Location: Henrietta, NY

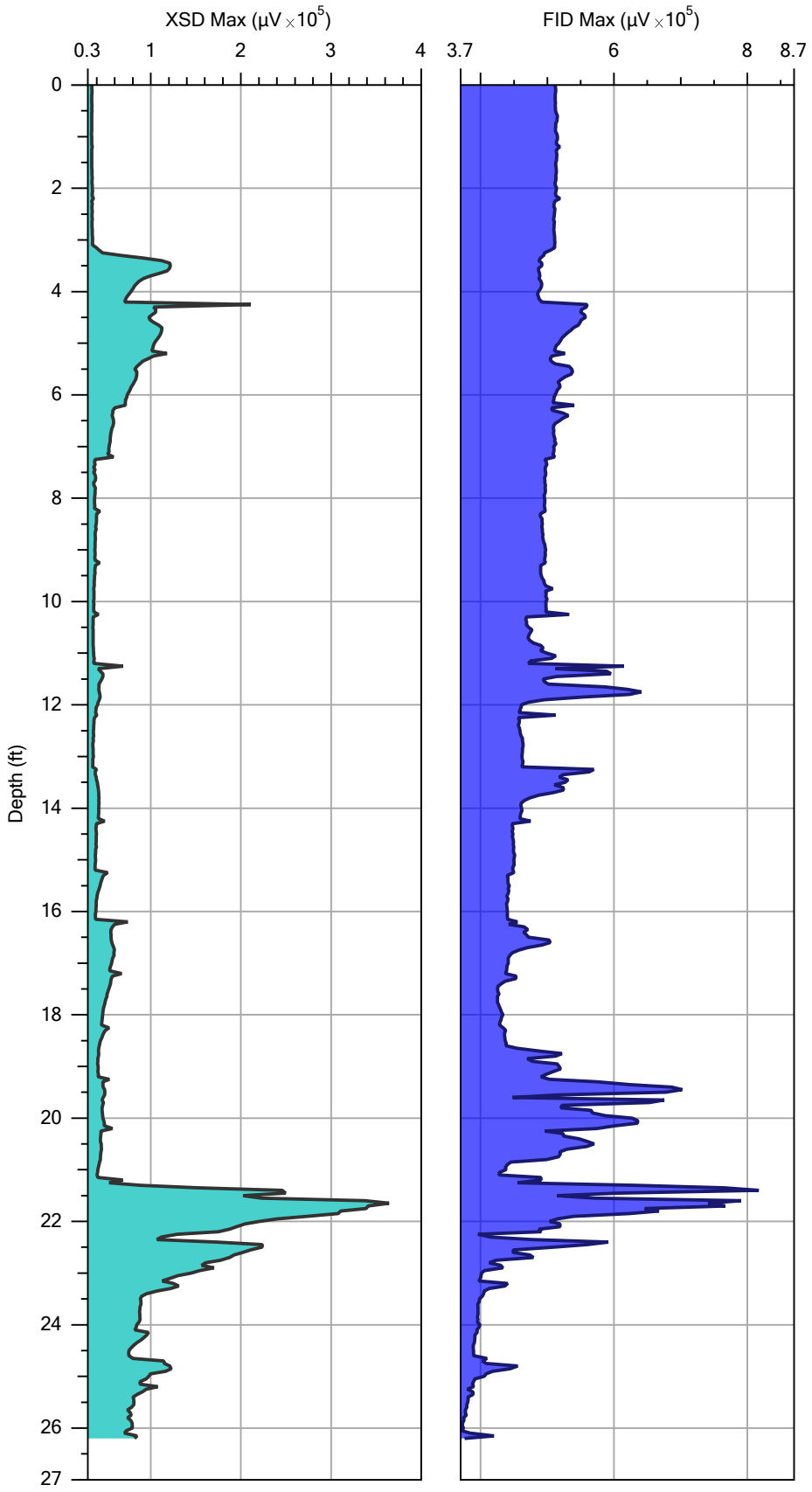
SOH-DS-10



Direct Image® By Geoprobe Systems®

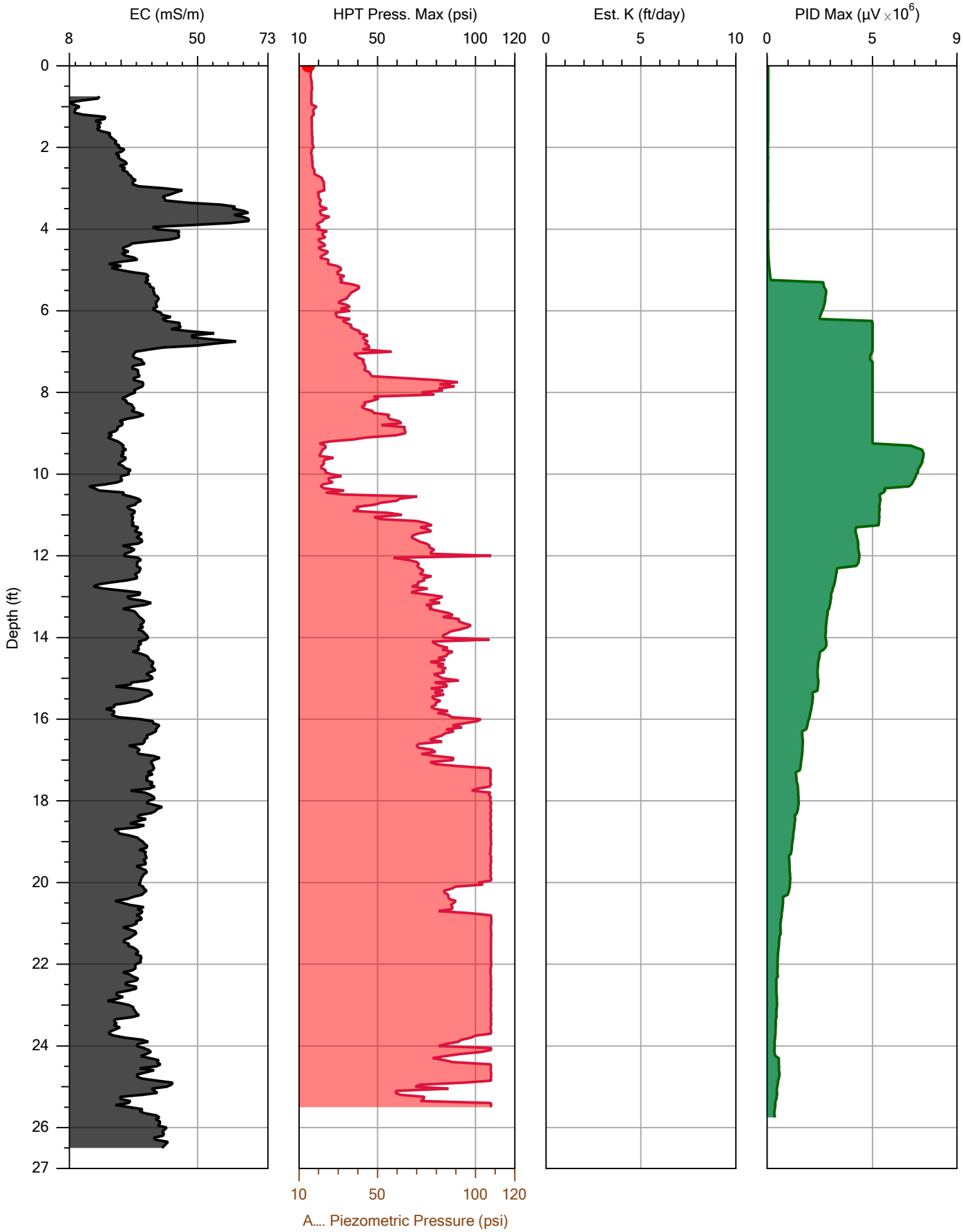
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Company: Parratt-Wolff, Inc.		Operator: Devin Gawarecki	Date: 9/24/2021
Project ID: 21092		Client: TRC	Location: Henrietta, NY

SOH-DS-10



			File: MIHPT-10.MHP
Company: Parratt-Wolff, Inc.		Operator: Devin Gawarecki	Date: 9/24/2021
Project ID: 21092		Client: TRC	Location: Henrietta, NY

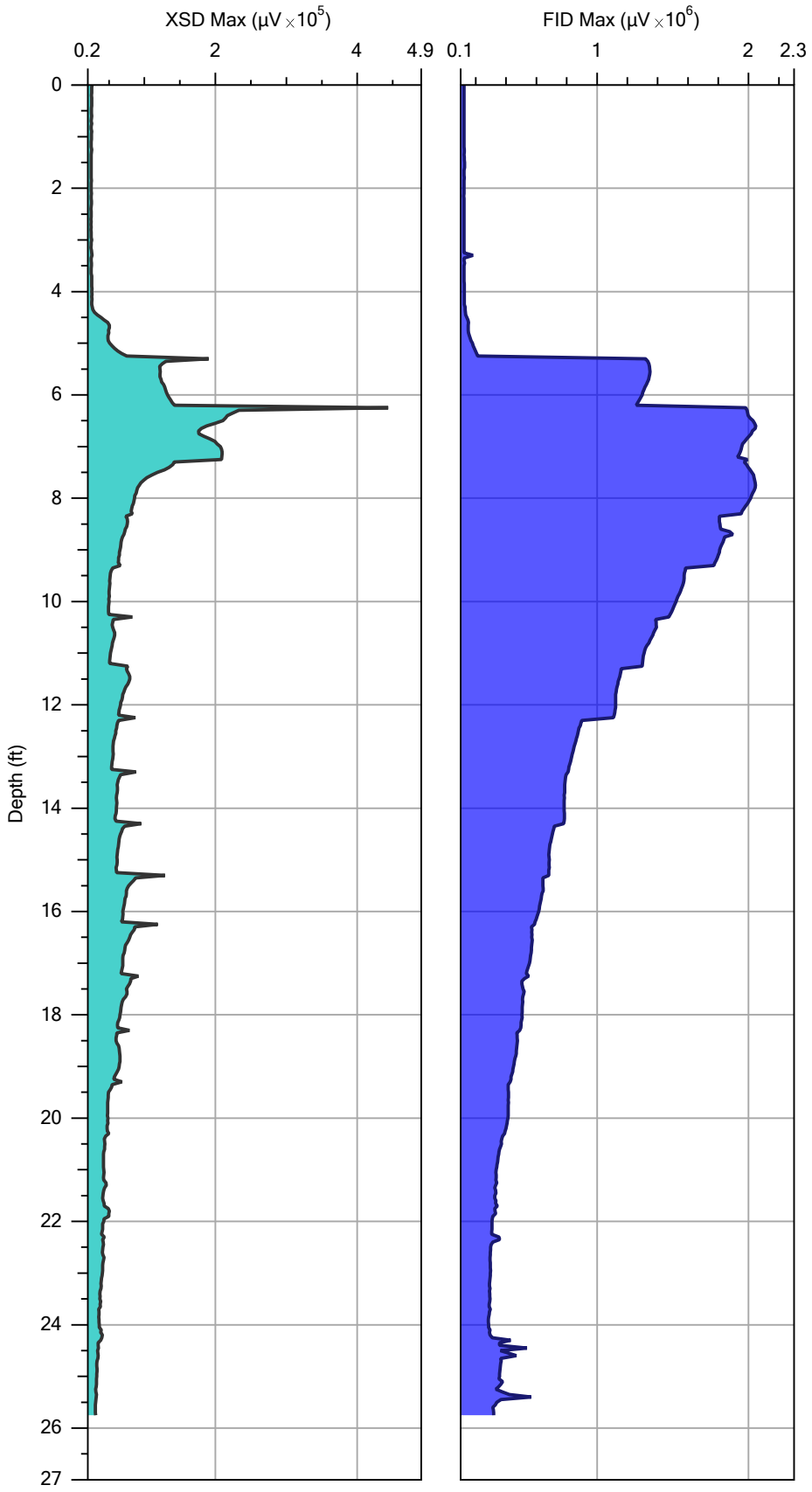
SOH-DS-11



Direct Image® By Geoprobe Systems®

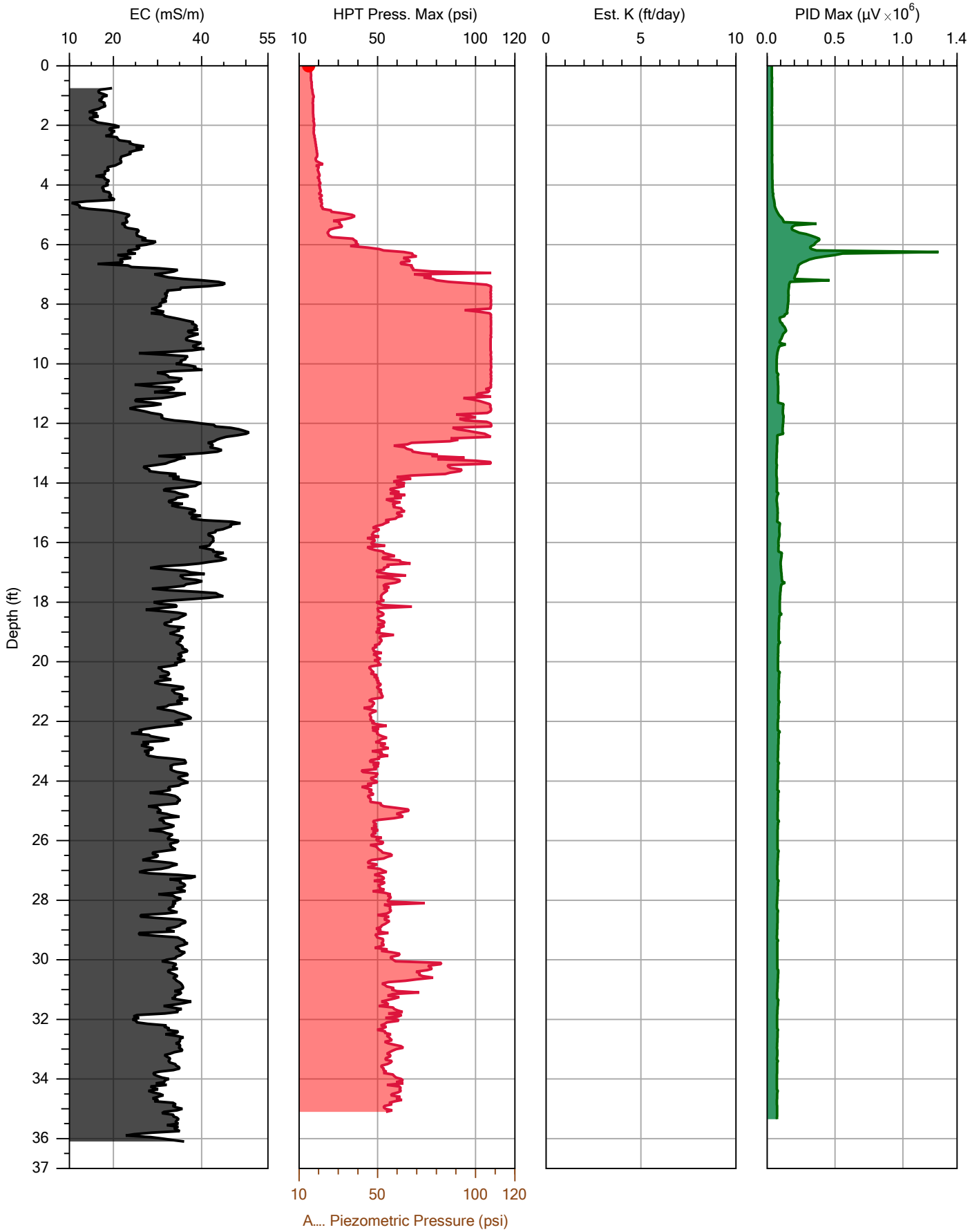
			File: MIHPT-11.MHP
Company: Parratt-Wolff, Inc.		Operator: Devin Gawarecki	Date: 9/24/2021
Project ID: 21092		Client: TRC	Location: Henrietta, NY

SOH-DS-11



			File: MIHPT-11.MHP
Company: Parratt-Wolff, Inc.		Operator: Devin Gawarecki	Date: 9/24/2021
Project ID: 21092		Client: TRC	Location: Henrietta, NY

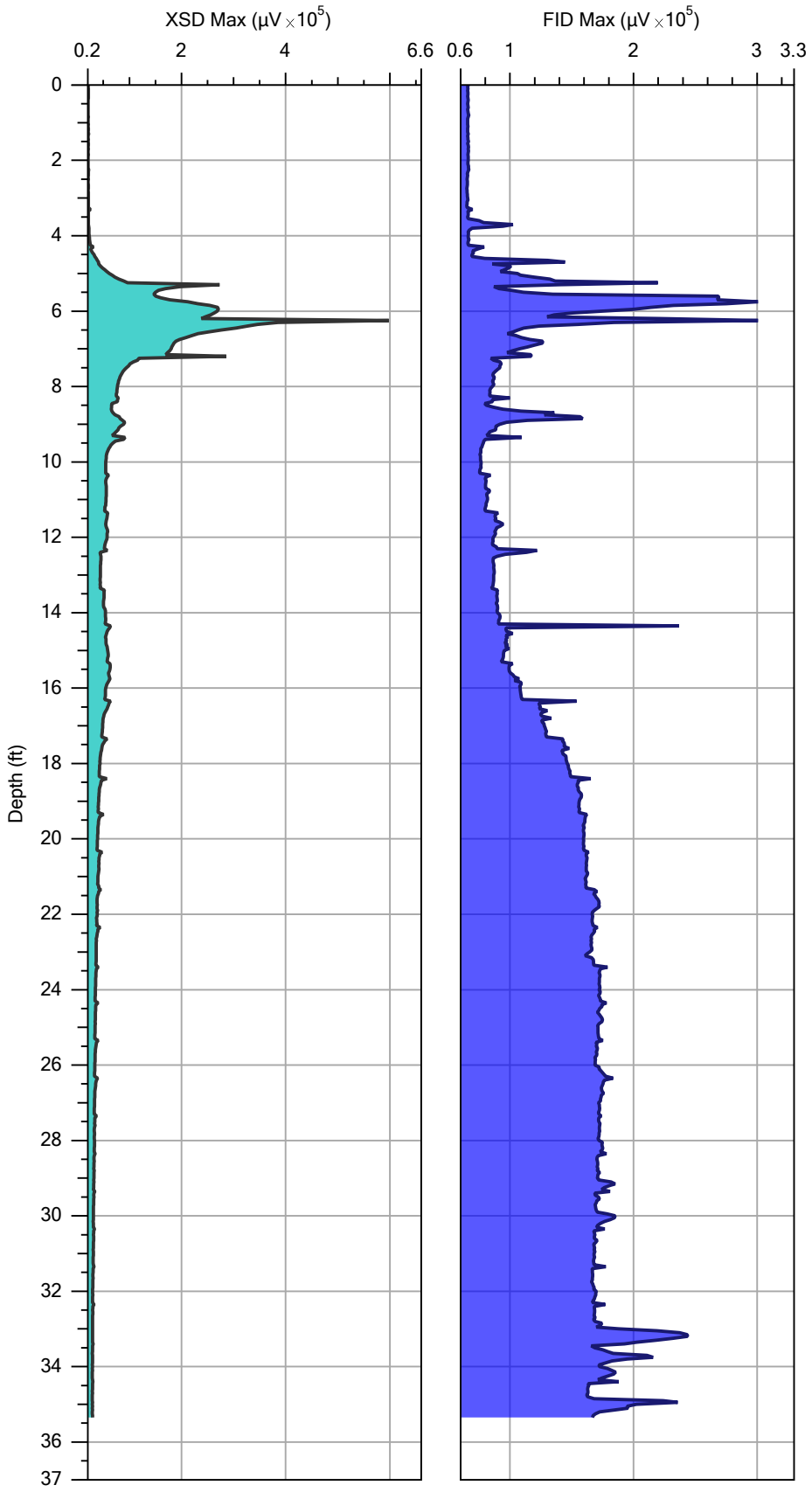
SOH-DS-12



Direct Image® By Geoprobe Systems®

			File: MIHPT-12.MHP
Company: Parratt-Wolff, Inc.		Operator: Devin Gawarecki	Date: 9/24/2021
Project ID: 21092		Client: TRC	Location: Henrietta, NY

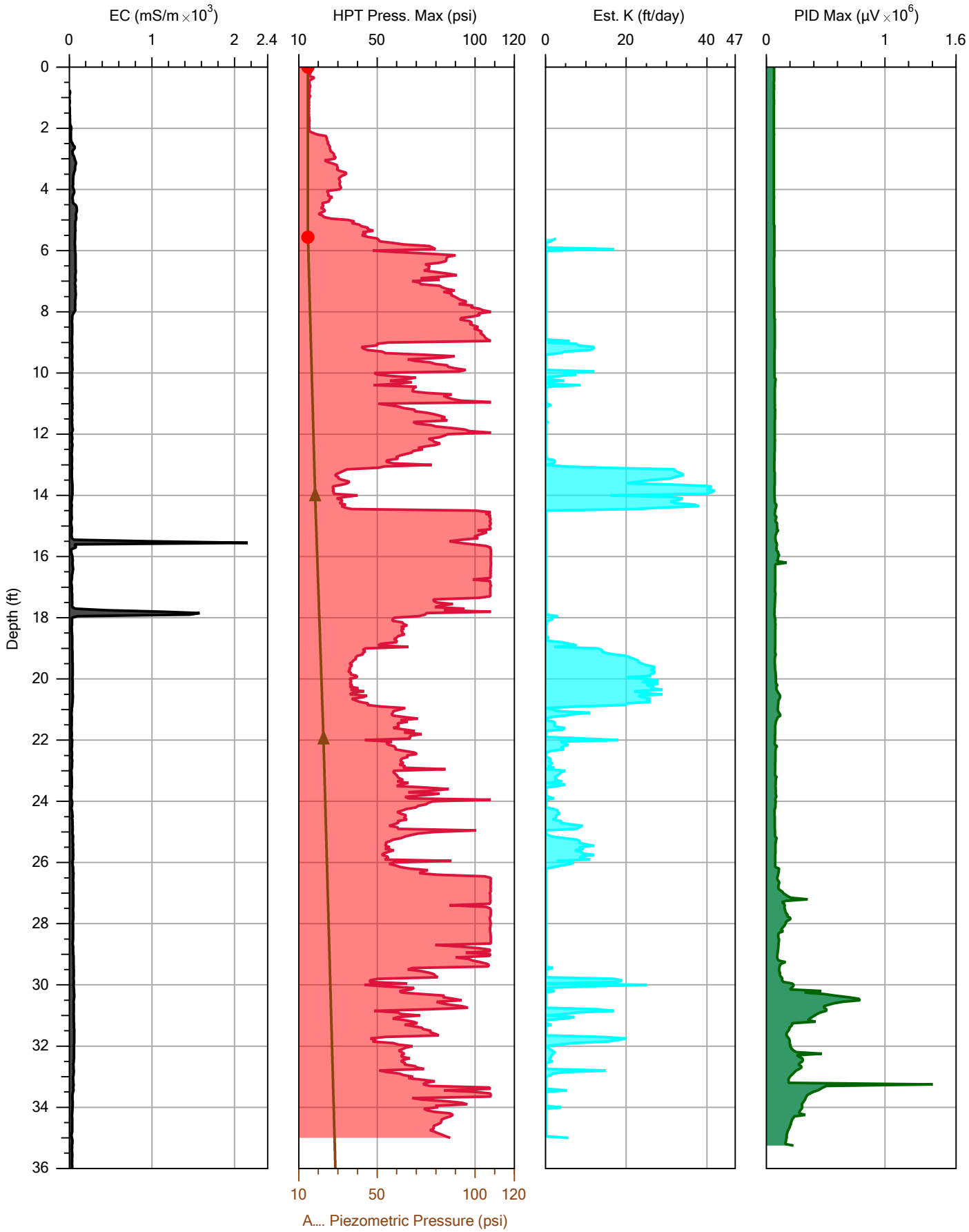
SOH-DS-12



Direct Image® By Geoprobe Systems®

		File: MIHPT-12.MHP
Company: Parratt-Wolff, Inc.	Operator: Devin Gawarecki	Date: 9/24/2021
Project ID: 21092	Client: TRC	Location: Henrietta, NY

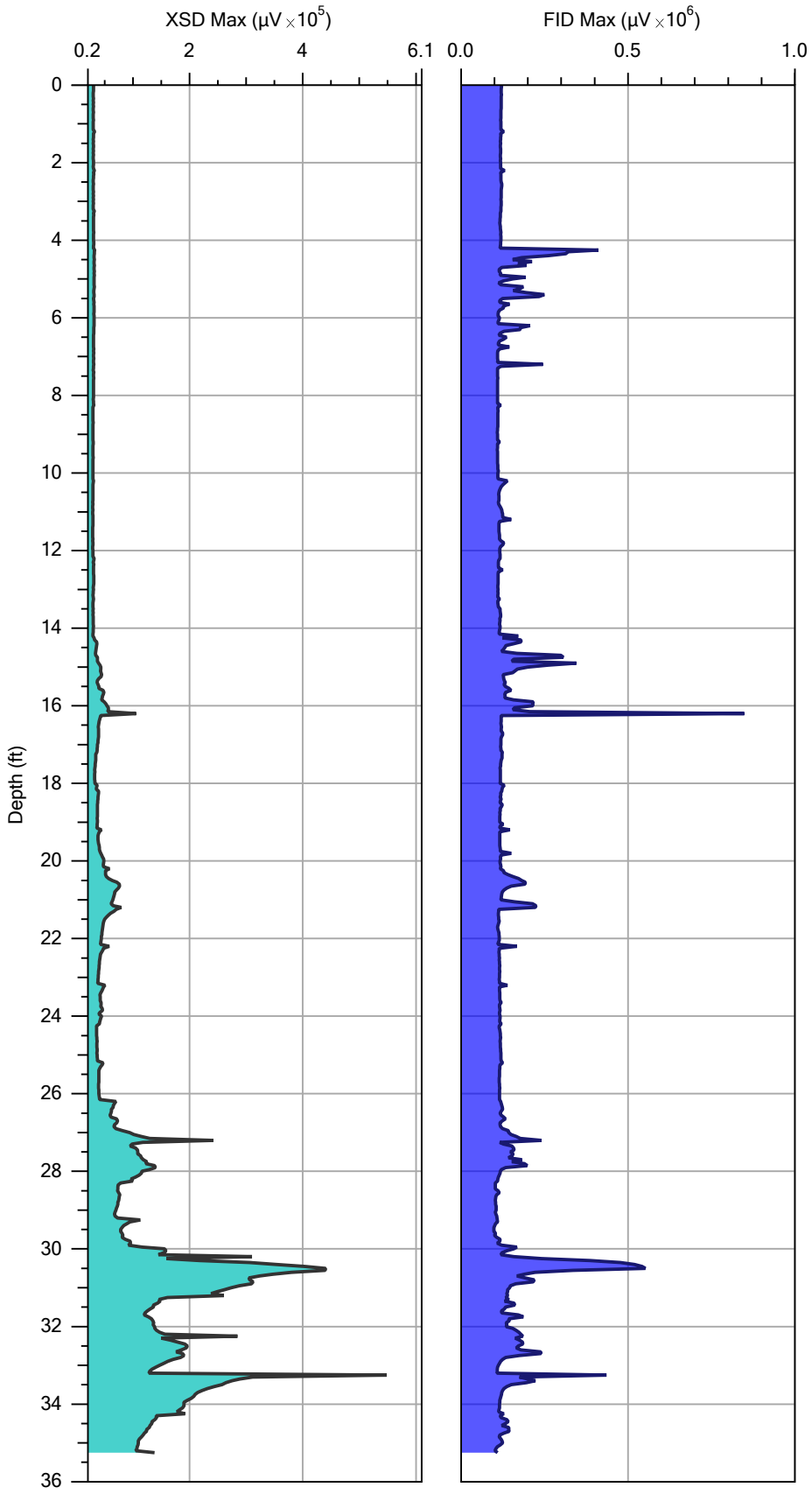
SOH-DS-13



Direct Image® By Geoprobe Systems®

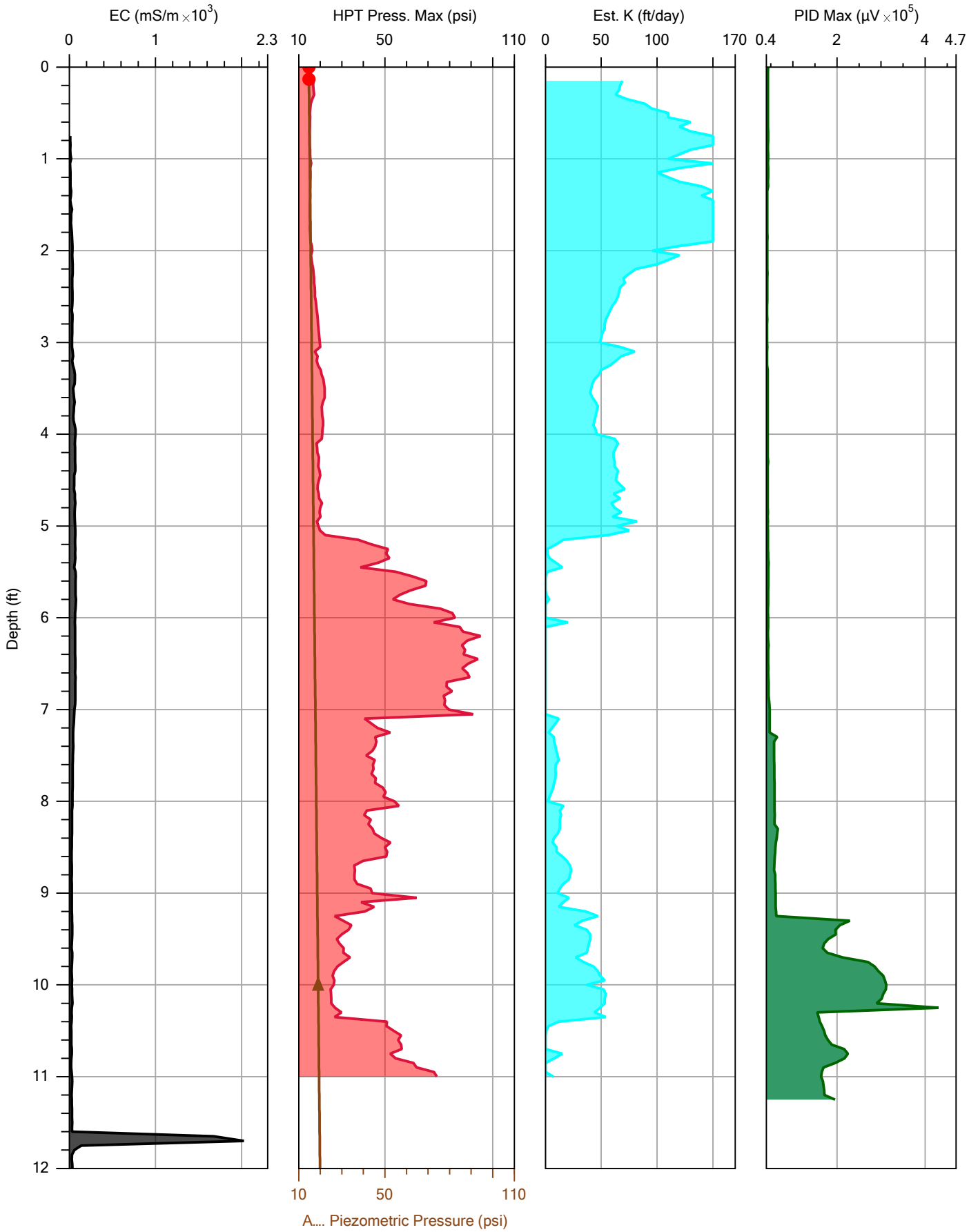
Company: Parratt-Wolff, Inc.	Operator: Devin Gawarecki		File: MIHPT-13.MHP
Project ID: 21092	Client: TRC		Date: 9/27/2021
			Location: Henrietta, NY

SOH-DS-13



			File: MIHPT-13.MHP
Company: Parratt-Wolff, Inc.		Operator: Devin Gawarecki	Date: 9/27/2021
Project ID: 21092		Client: TRC	Location: Henrietta, NY

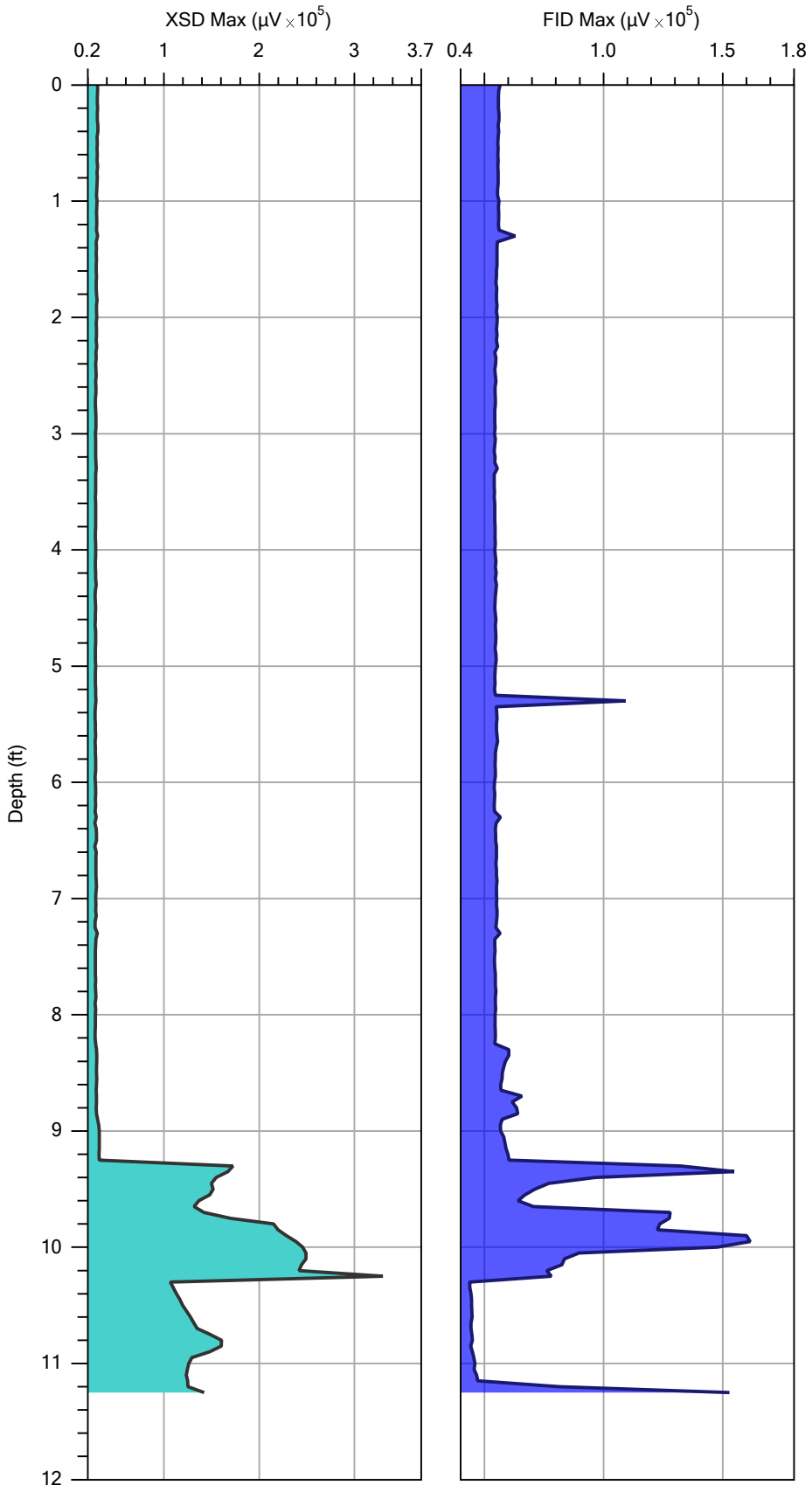
SOH-DS-14



Direct Image® By Geoprobe Systems®

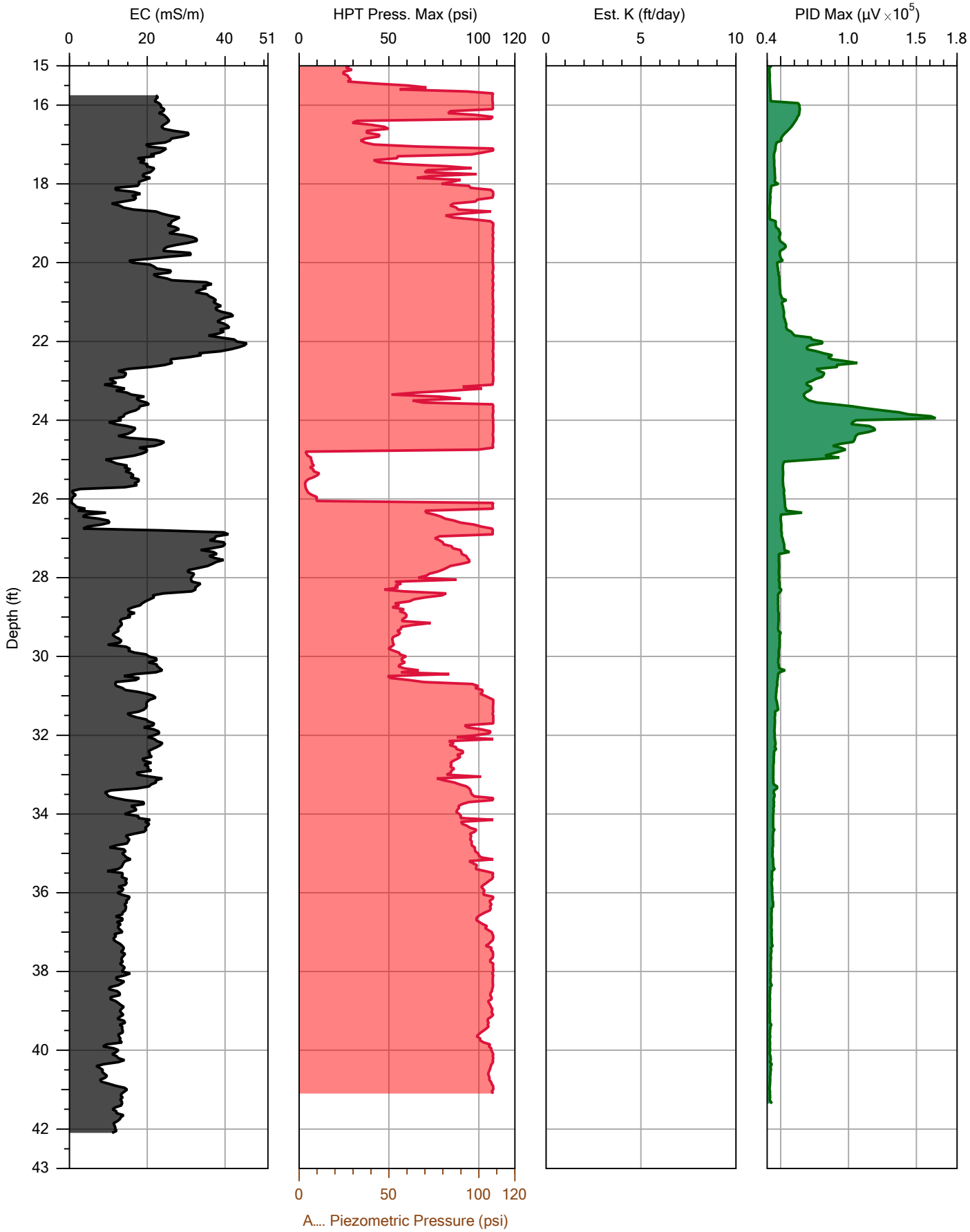
Company: Parratt-Wolff, Inc.	Operator: Devin Gawarecki	File: MIHPT-14.MHP	
Project ID: 21092	Client: TRC	Date: 9/27/2021	
		Location: Henrietta, NY	

SOH-DS-14



			File: MIHPT-14.MHP
Company: Parratt-Wolff, Inc.		Operator: Devin Gawarecki	Date: 9/27/2021
Project ID: 21092		Client: TRC	Location: Henrietta, NY

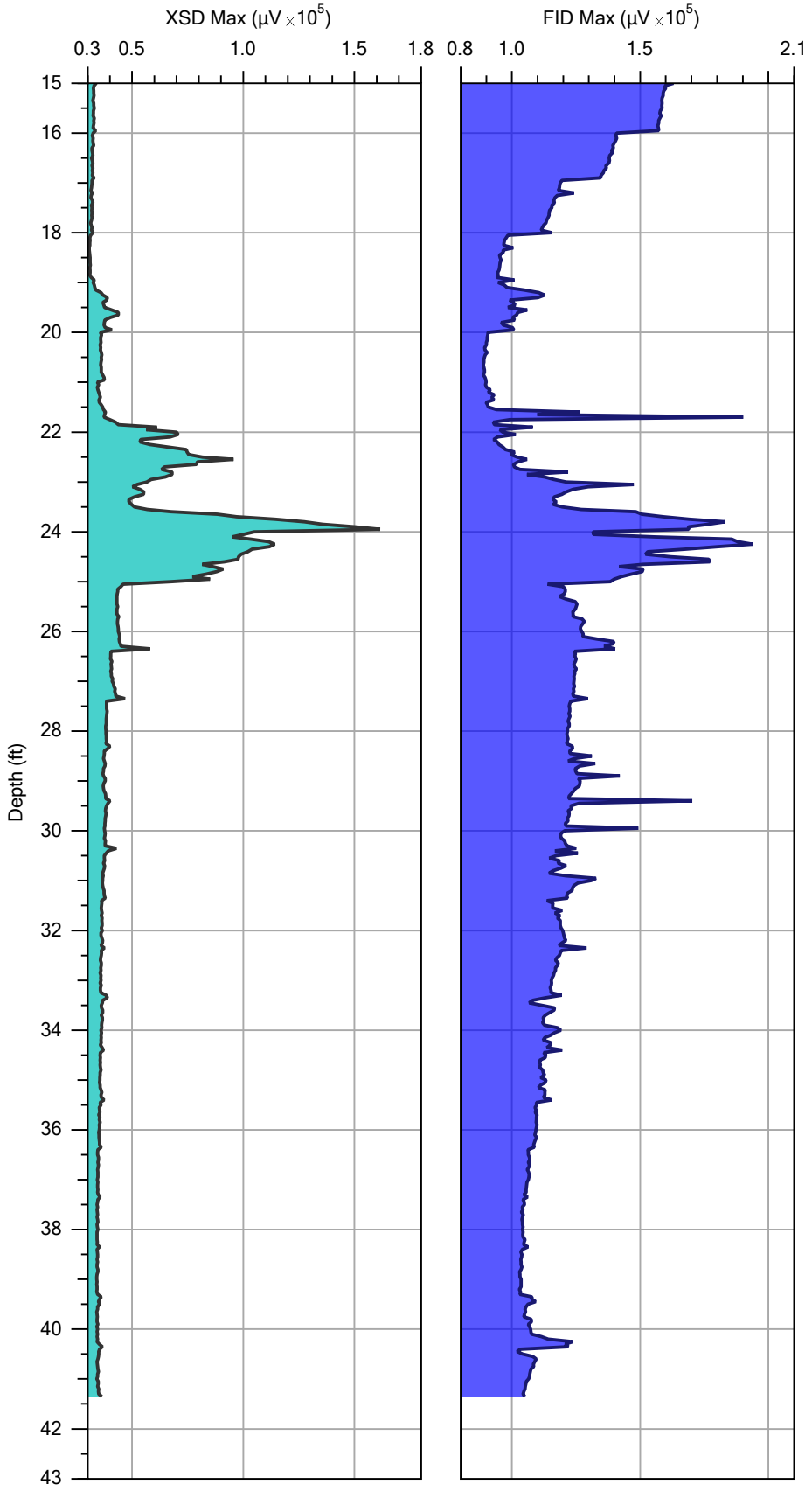
SOH-DS-14A



Direct Image® By Geoprobe Systems®

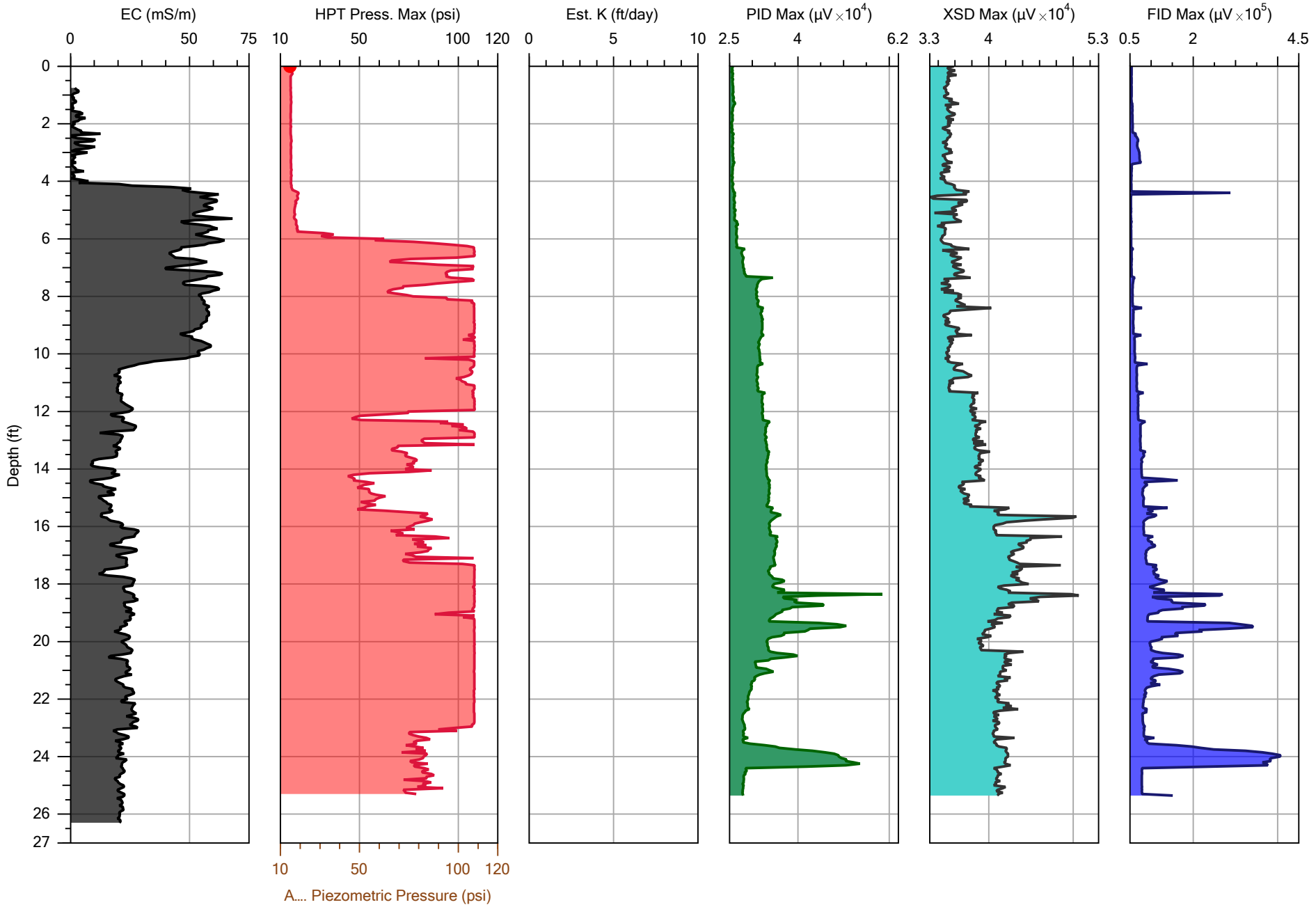
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Company: Parratt-Wolff, Inc.		Operator: Devin Gawarecki	Date: 9/27/2021
Project ID: 21092		Client: TRC	Location: Henrietta, NY

SOH-DS-14A



			File: MIHPT-14A.MHP
Company: Parratt-Wolff, Inc.		Operator: Devin Gawarecki	Date: 9/27/2021
Project ID: 21092		Client: TRC	Location: Henrietta, NY

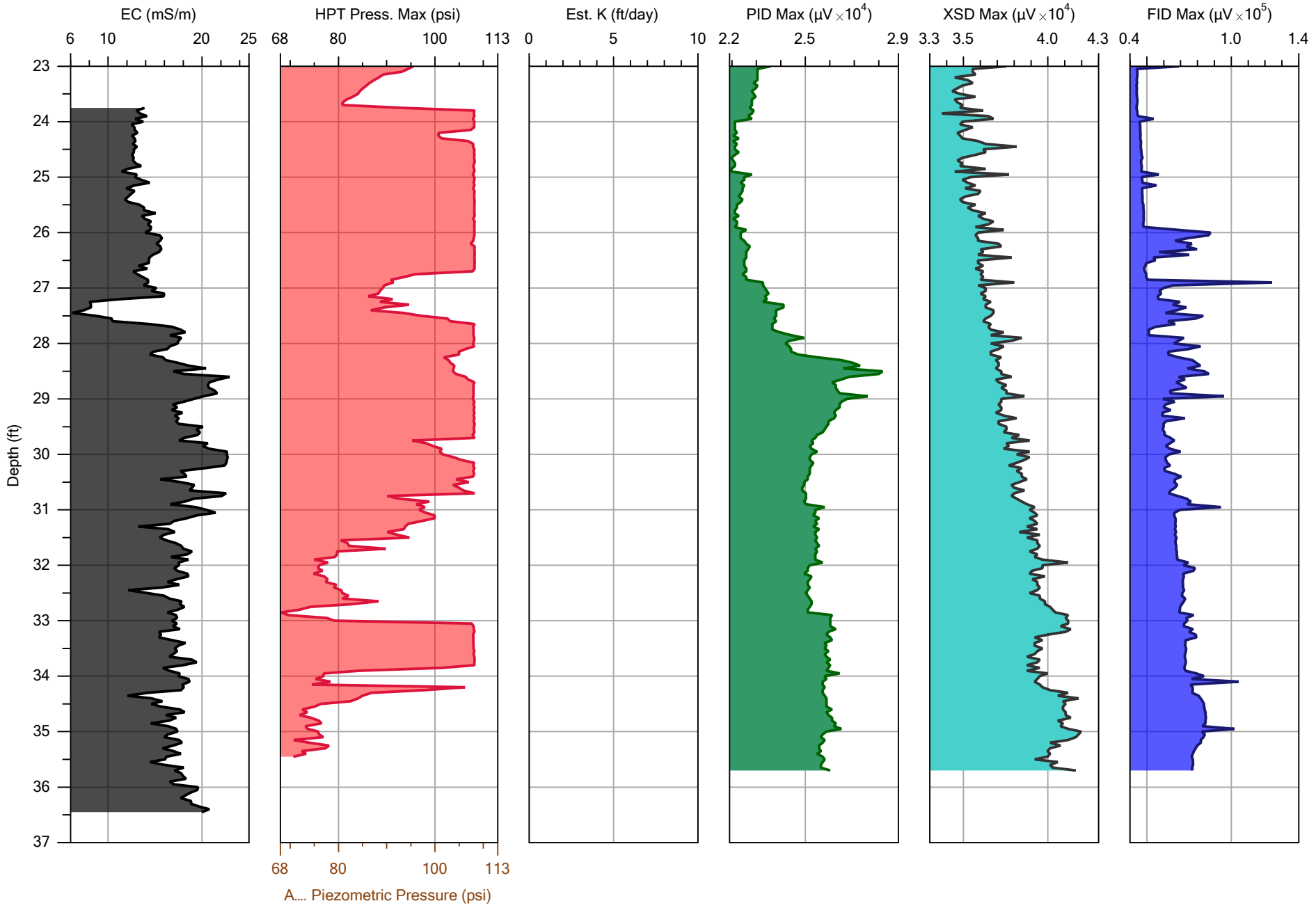
SOH-DS-15



Direct Image® By Geoprobe Systems®

			File: MIHPT-15.MHP
Company: Parratt-Wolff, Inc.		Operator: Devin Gawarecki	Date: 9/28/2021
Project ID: 21092		Client: TRC	Location: Henrietta, NY

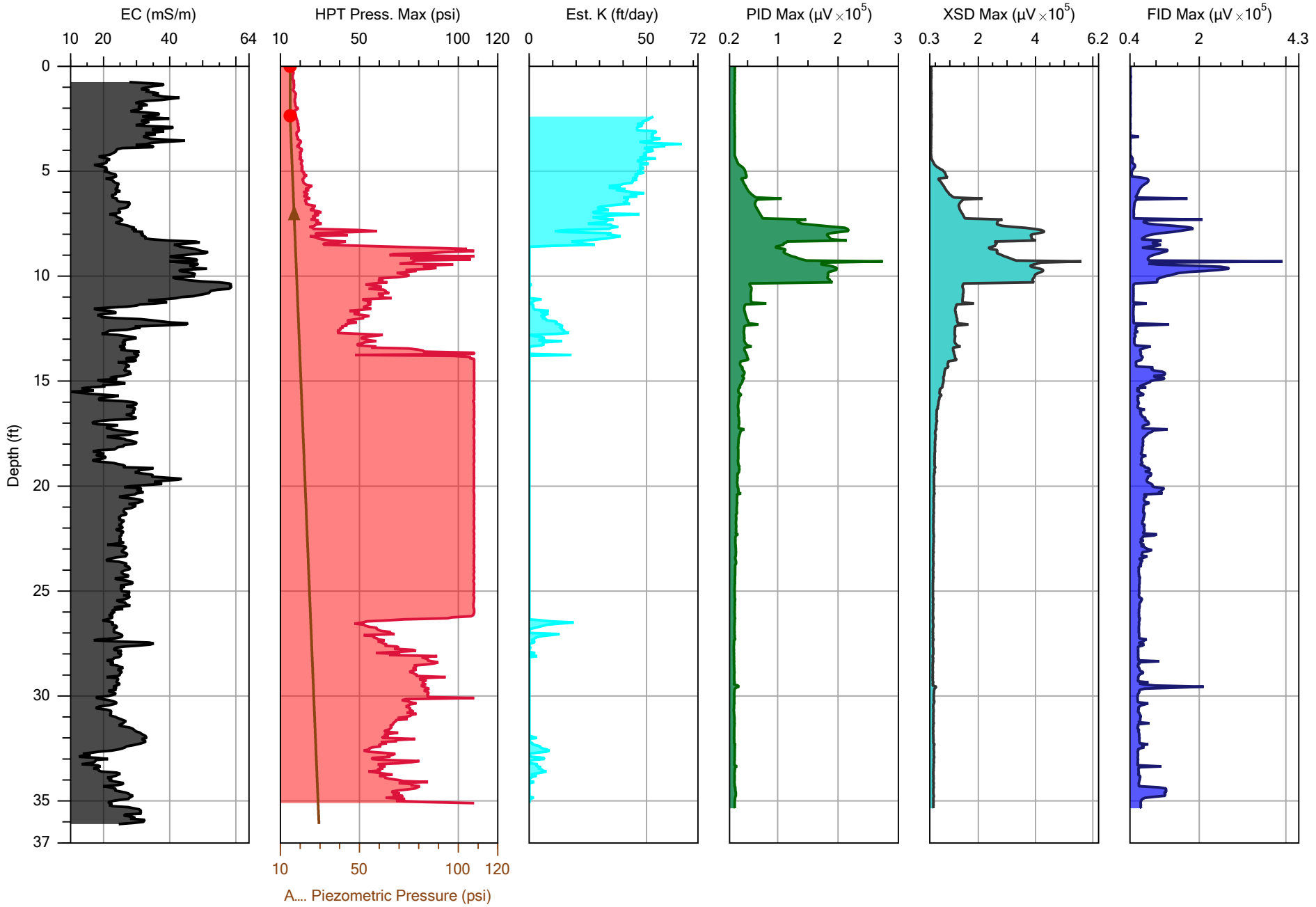
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Direct Image® By Geoprobe Systems®

			File: MIHPT-15A.MHP
Company: Parratt-Wolff, Inc.	Operator: Devin Gawarecki		Date: 9/28/2021
Project ID: 21092	Client: TRC		Location: Henrietta, NY

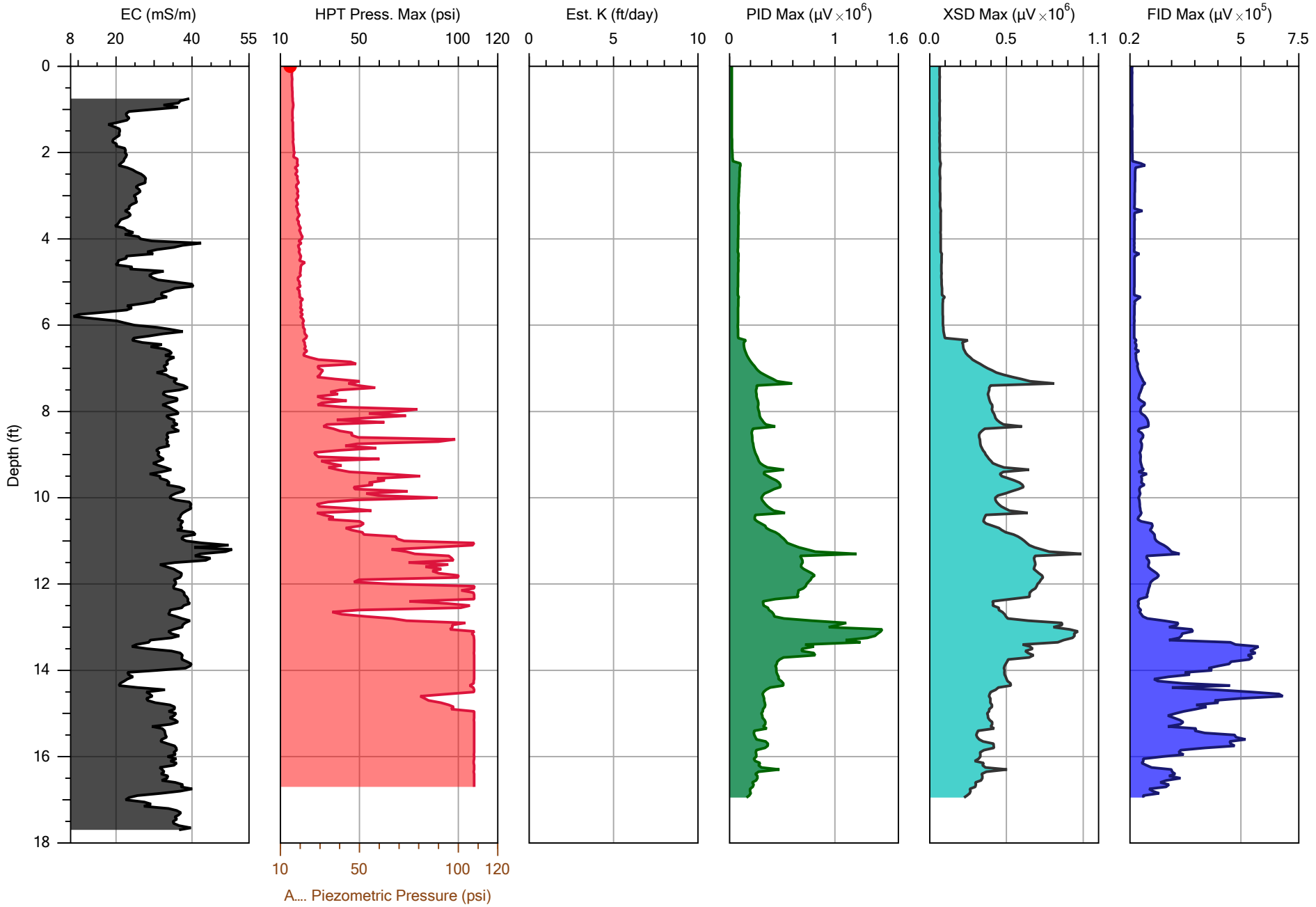
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Direct Image® By Geoprobe Systems®

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Company: Parratt-Wolff, Inc.	Operator: Devin Gawarecki	Date: 9/28/2021
Project ID: 21092	Client: TRC	Location: Henrietta, NY

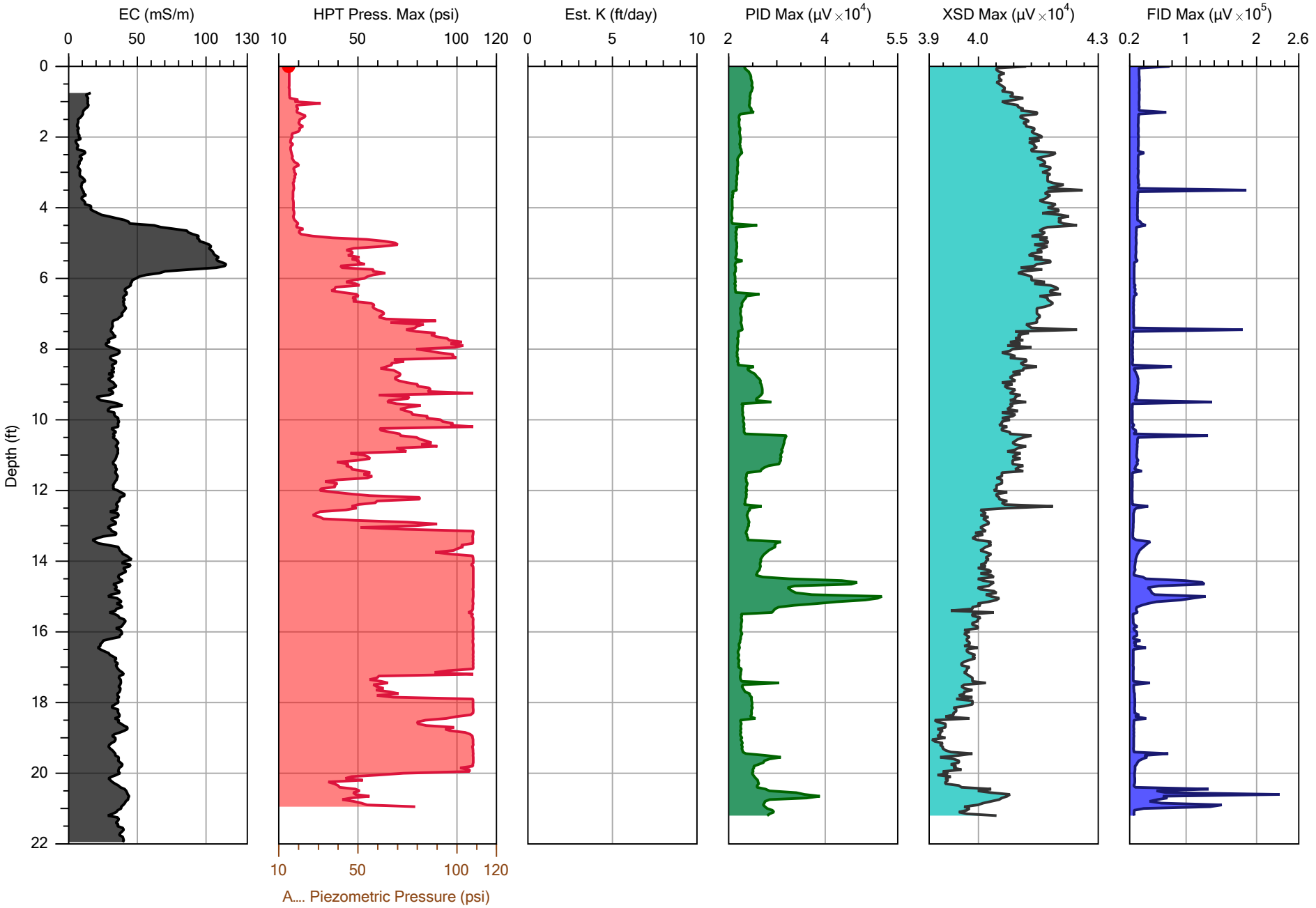
SOH-DS-17



Direct Image® By Geoprobe Systems®

		File: MIHPT-17.MHP
Company: Parratt-Wolff, Inc.	Operator: Devin Gawarecki	Date: 9/28/2021
Project ID: 21092	Client: TRC	Location: Henrietta, NY

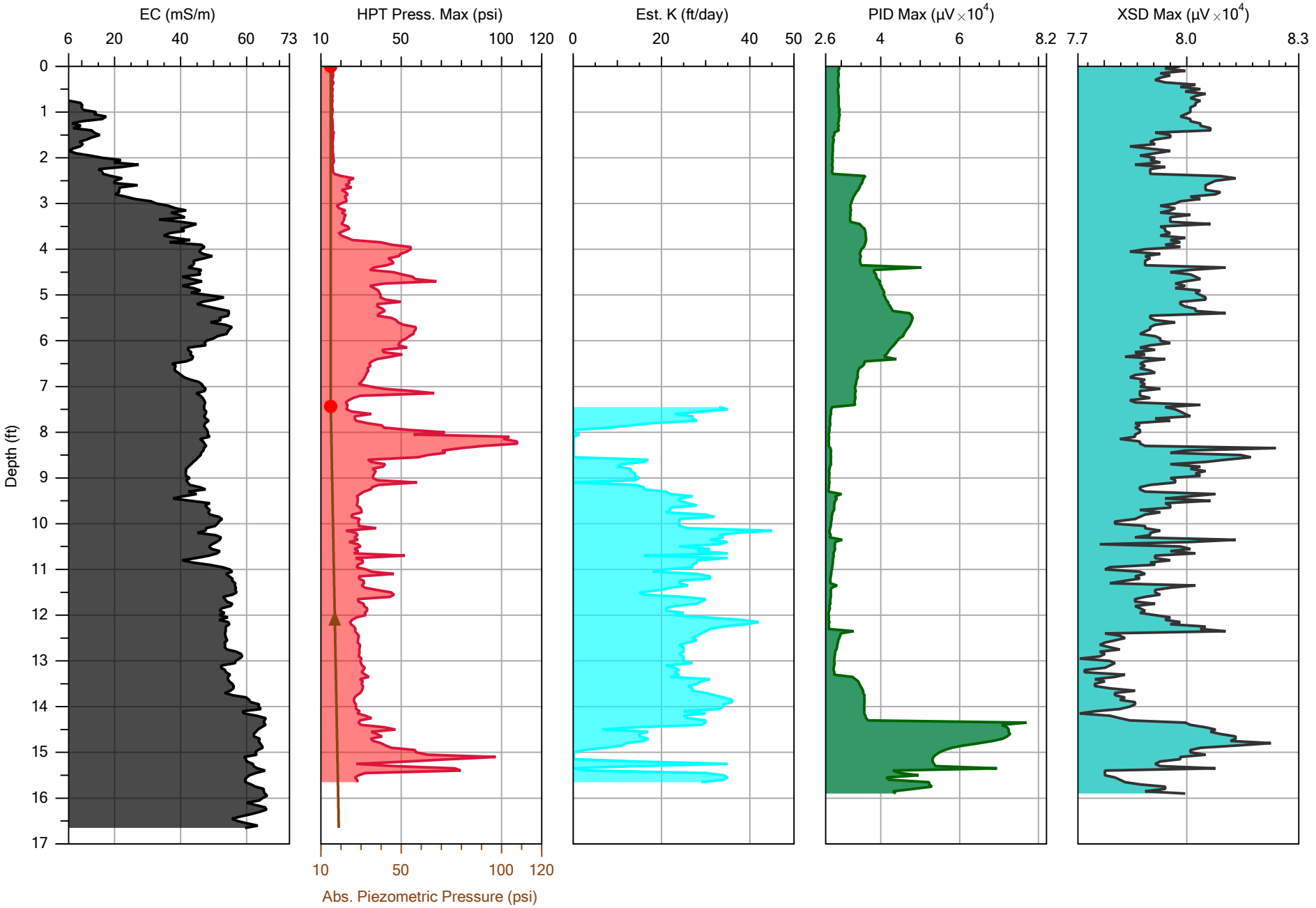
SOH-DS-18



Direct Image® By Geoprobe Systems®

		File: MIHPT-18.MHP
Company: Parratt-Wolff, Inc.	Operator: Devin Gawarecki	Date: 9/29/2021
Project ID: 21092	Client: TRC	Location: Henrietta, NY

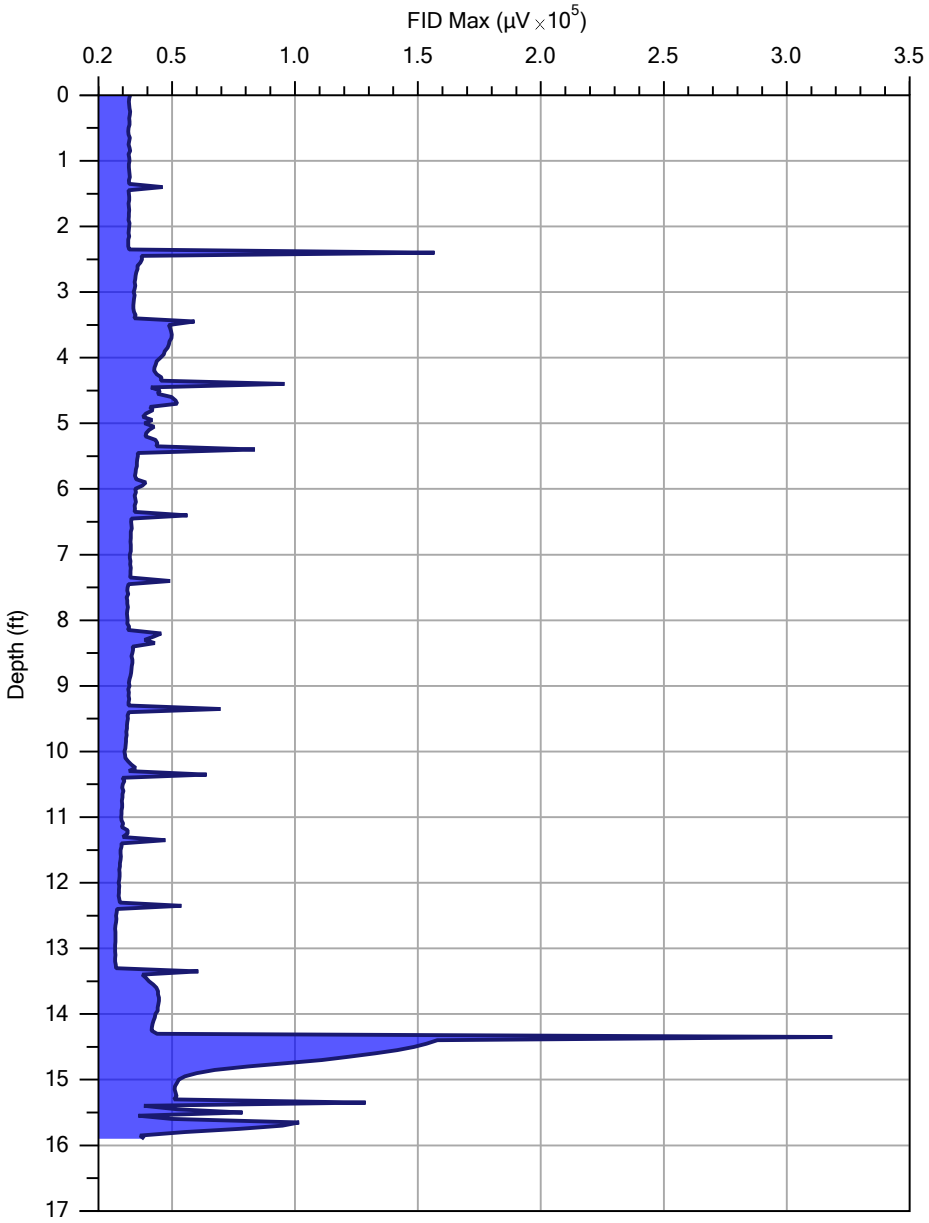
SOH-DS-19



Direct Image® By Geoprobe Systems®

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Company: Parratt-Wolff, Inc.	Operator: Devin Gawarecki	Date: 9/29/2021
Project ID: 21092	Client: TRC	Location: Henrietta, NY

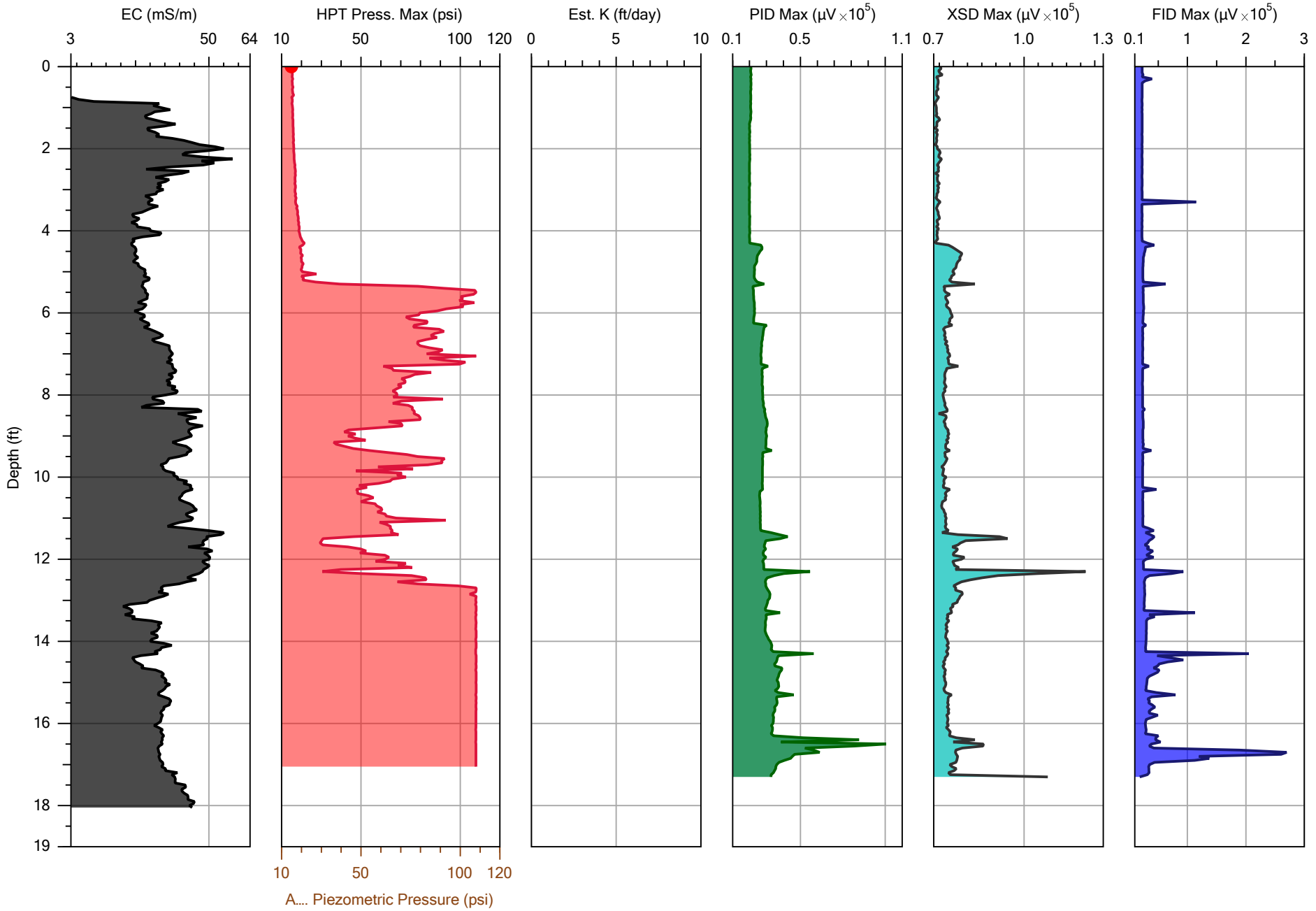
SOH-DS-19



Direct Image® By Geoprobe Systems®

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Company: Parratt-Wolff, Inc.	Operator: Devin Gawarecki	Date: 9/29/2021
Project ID: 21092	Client: TRC	Location: Henrietta, NY

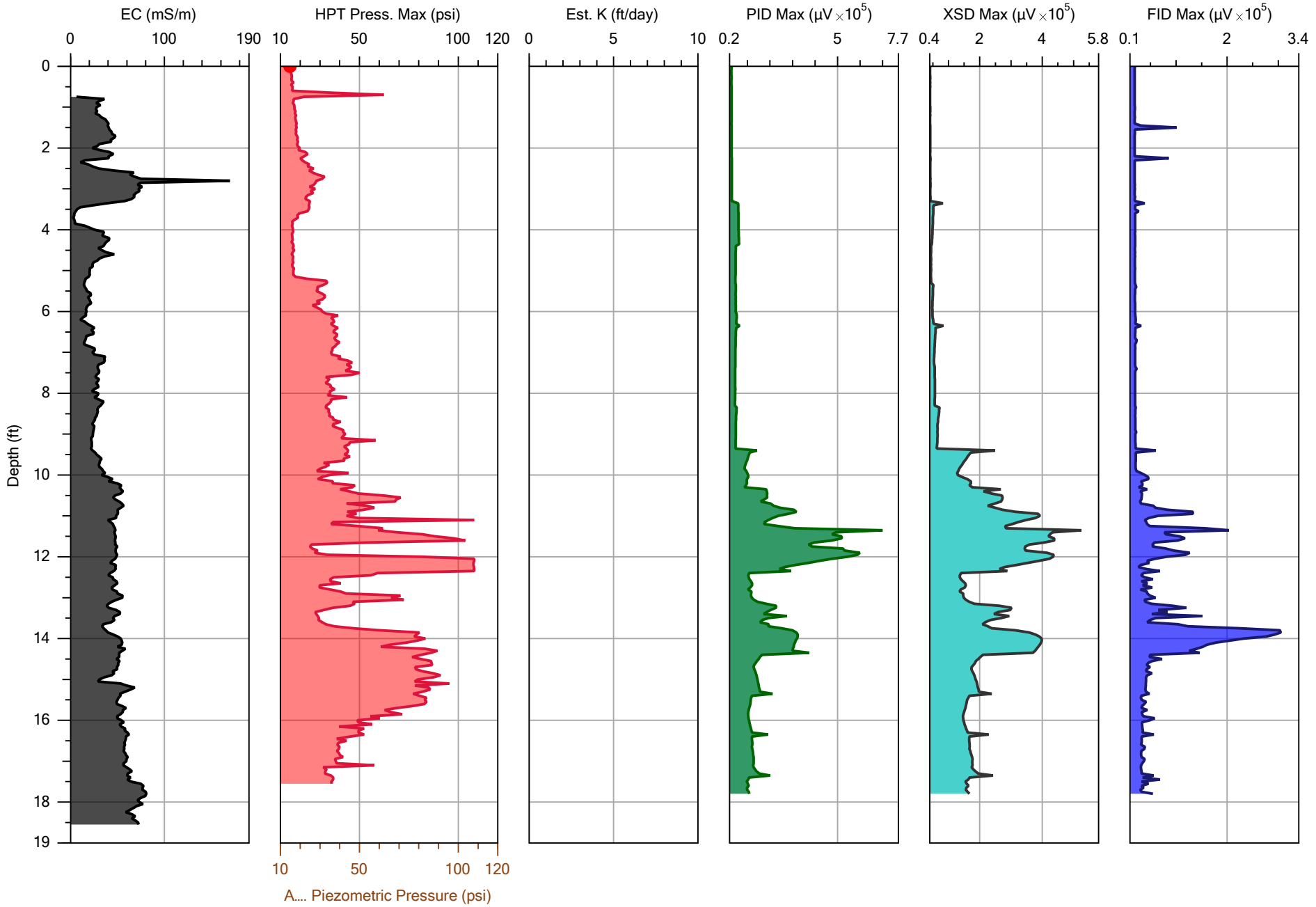
SOH-DS-20



Direct Image® By Geoprobe Systems®

			File: MIHPT-20.MHP
Company: Parratt-Wolff, Inc.		Operator: Devin Gawarecki	Date: 9/29/2021
Project ID: 21092		Client: TRC	Location: Henrietta, NY

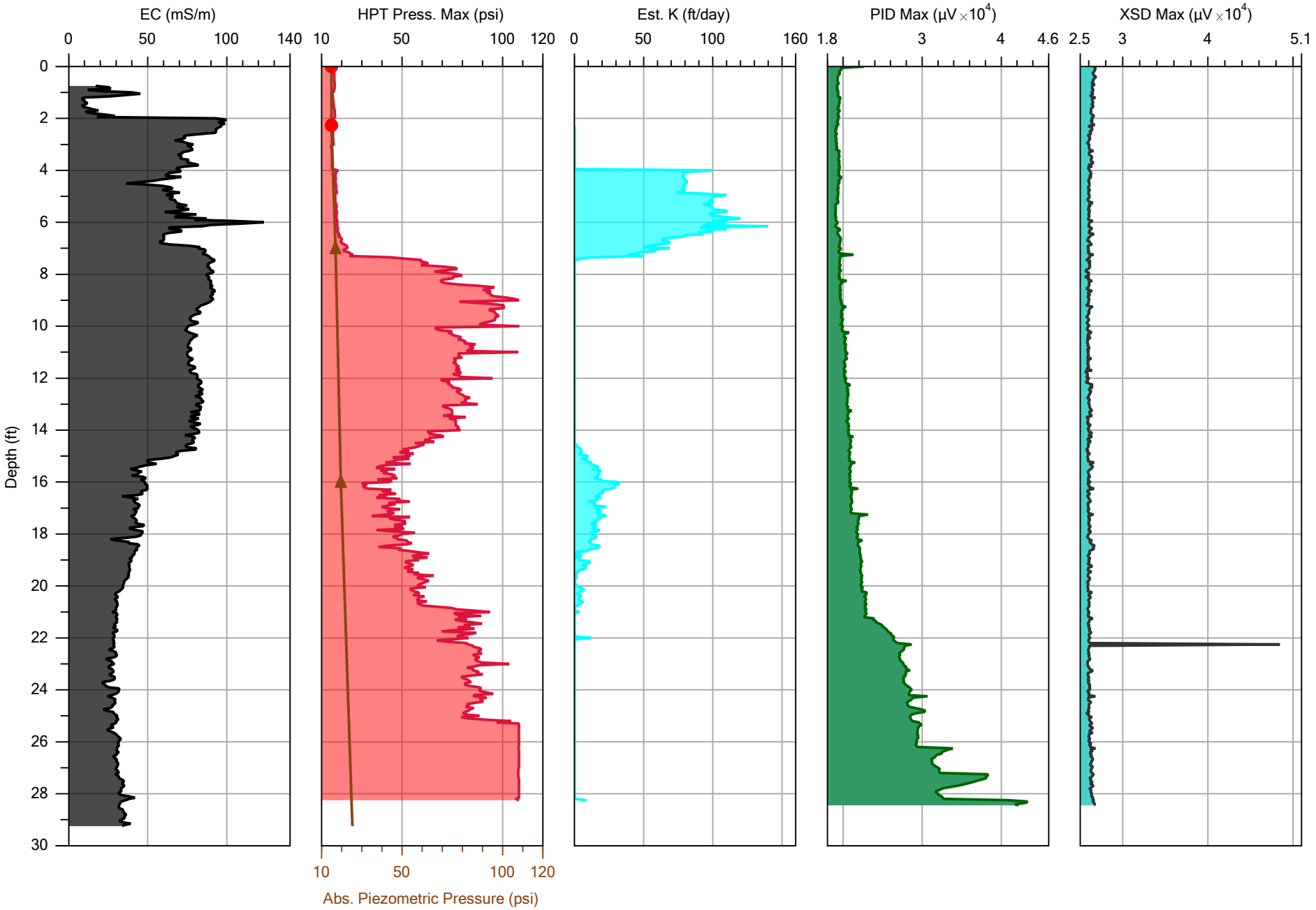
SOH-DS-21



Direct Image® By Geoprobe Systems®

			File: MIHPT-21.MHP
Company: Parratt-Wolff, Inc.		Operator: Devin Gawarecki	Date: 9/29/2021
Project ID: 21092		Client: TRC	Location: Henrietta, NY

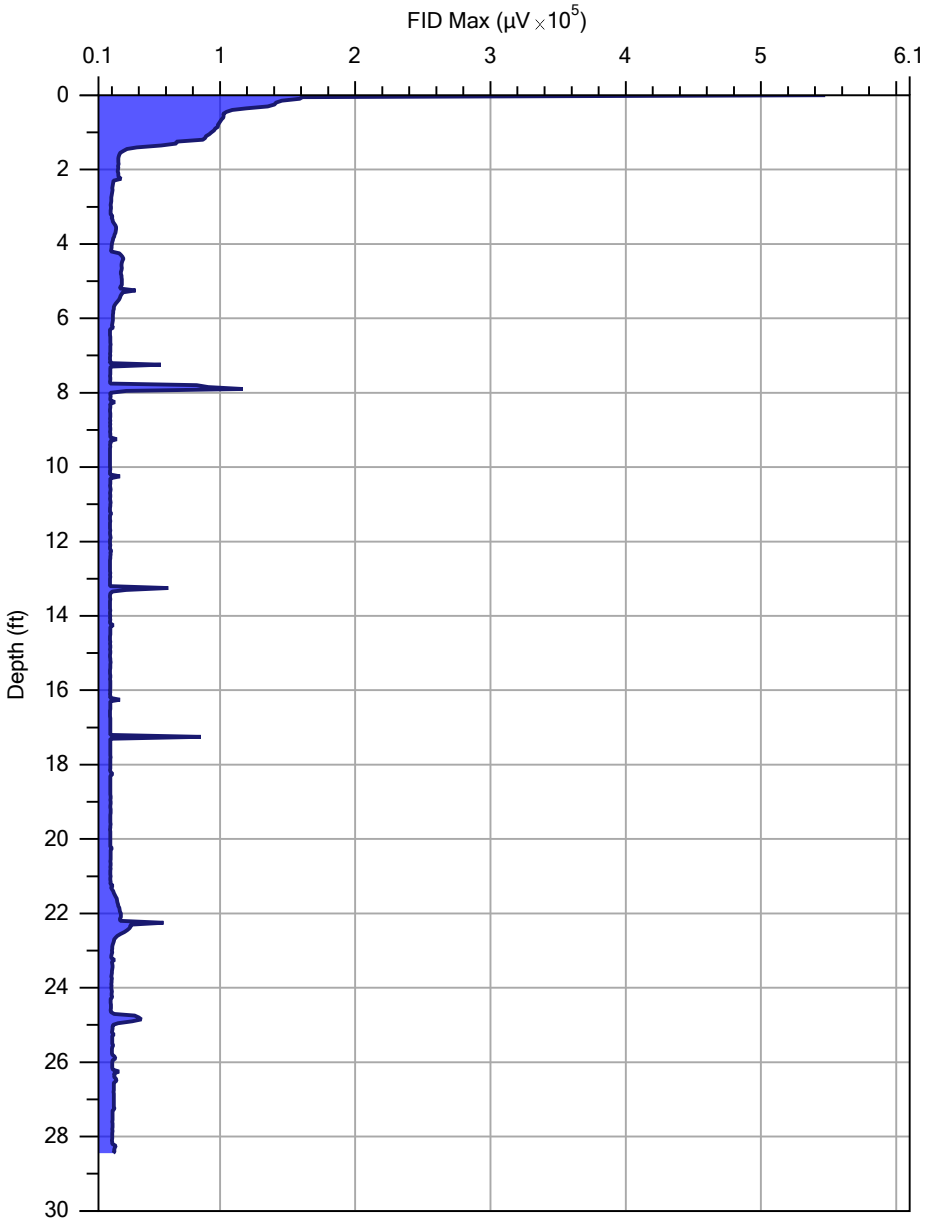
SOH-DS-22



Direct Image® By Geoprobe Systems®

		File: MIHPT-22.MHP
Company: Parratt-Wolff, Inc.	Operator: Devin Gawarecki	Date: 9/30/2021
Project ID: 21092	Client: TRC	Location: Henrietta, NY

SOH-DS-22



Direct Image® By Geoprobe Systems®

		File: MIHPT-22.MHP
Company: Parratt-Wolff, Inc.	Operator: Devin Gawarecki	Date: 9/30/2021
Project ID: 21092	Client: TRC	Location: Henrietta, NY

APPENDIX B

SOIL BORING AND MONITORING WELL CONSTRUCTION LOGS

BORING NUMBER SOH-SB-02

CLIENT NYSDEC
PROJECT NAME Stuart Olver Holtz
PROJECT NUMBER 828079
PROJECT LOCATION Henrietta, NY
DATE STARTED 11/8/21 **COMPLETED** 11/8/21
GROUND ELEVATION 528.2 ft **HOLE SIZE** 2 inch
DRILLING CONTRACTOR Parratt-Wolff
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING Saturation encountered in boring at 6'
LOGGED BY Kevin Murphy **CHECKED BY** Caitlin Serowik
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0	MC	75	SP		0 '- 3 ' (SP) Moist, brown fine grained sand in gravel.	
3.0					525.2	
5	GB SB-02 4-5 MC	75	SM		3 '- 8 ' (SM) Moist, brown silty fine-grained sand.	PID = 0.3
8.0					520.2	
10	MC	100	CL		8 '- 14 ' (CL) Saturated, brown, low plasticity clay. Hard.	PID = 4.4
14.0					514.2	
15	MC	100	CL-ML		14 '- 16 ' (CL-ML) Saturated, brown, low plasticity silty clay. Medium dense.	
16.0					512.2	
20	GB SB-02 16-17 MC	38	SW		16 '- 22 ' (SW) Saturated, grey fine to coarse grained sand with fine to medium gravel.	PID = 0
22.0					506.2	
25	MC	100	SW		22 '- 24 ' (SW) Saturated, grey fine grained sand.	PID = 1.7
24.0					504.2	
25	MC	75	SW		24 '- 28 ' (SW) Saturated, grey fine to coarse grained sand with fine to medium gravel.	
28.0					500.2	
30	MC	75	SM		28 '- 40 ' (SM) Saturated, grey/brown sandy silt with some fine gravel.	
35	MC	75				
40	GB SB-02 36-37 MC	75				
40.0					488.2	

Bottom of borehole at 40.0 feet.

GENERAL BH / TP / WELL - TRC_WINDSOR_STD.GDT - 3/24/22
C:\USERS\CSEROWIK\ONEDRIVE - TRC\DESKTOP\STUART OLVER HOLTZ SOIL BORING LOGS REV00.GPJ

BORING NUMBER SOH-SB-03

CLIENT NYSDEC
PROJECT NAME Stuart Olver Holtz
PROJECT NUMBER 828079
PROJECT LOCATION Henrietta, NY
DATE STARTED 11/8/21 **COMPLETED** 11/8/21
GROUND ELEVATION 527.6 ft **HOLE SIZE** 2 inch
DRILLING CONTRACTOR Parratt-Wolff
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING Saturation encountered in boring at 4'
LOGGED BY Kevin Murphy **CHECKED BY** Caitlin Serowik
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0					0 '- 1 ' Gravelly sand (fill). 526.6	
	MC	88	SM		1 '- 4 ' (SM) Moist, brown silty fine-grained sand. 523.6	
	GB SB-03 3-4					
5	MC	88	SM		4 '- 7 ' (SM) Saturated, brown, silty fine-grained sand. 520.6	PID = 0
			CL		7 '- 11 ' (CL) Saturated, brown, low-plasticity clay. Hard. 516.6	
10	MC	100				
	GB SB-03 13-14		SM		11 '- 14 ' (SM) Saturated, brown, silty fine-grained sand. 513.6	
	MC	25	SW		14 '- 19 ' (SW) Saturated, grey fine to coarse grained sand with some fine to medium gravel. 508.6	PID = 4.7
15	MC	100				
			SW		19 '- 24 ' (SW) Saturated, grey to brown gravelly, well-graded sand. 503.6	
20	MC	88				
25			SW		24 '- 25 ' (SW) Saturated, grey well-graded sand. 502.6	PID = 0
	MC	75	SW		25 '- 28 ' (SW) Saturated, grey/brown gravelly, well-graded sand. 499.6	
			ML		28 '- 32 ' (ML) Saturated, grey/brown sandy silt with some fine gravel. 495.6	
30	MC	63				
	GB SB-03 33-34					
	MC	100	SP		32 '- 36 ' (SP) Saturated, grey/brown fine grained sand. 491.6	PID = 0
35						

Bottom of borehole at 36.0 feet.

GENERAL BH / TP / WELL - TRC_WINDSOR_STD.GDT - 3/24/22
C:\USERS\CSEROWIK\ONEDRIVE - TRC\DESKTOP\STUART_OLVER_HOLTZ_SOIL_BORING_LOGS_REV00.GPJ

BORING NUMBER SOH-SB-06

CLIENT NYSDEC
PROJECT NAME Stuart Olver Holtz
PROJECT NUMBER 828079
PROJECT LOCATION Henrietta, NY
DATE STARTED 11/10/21 **COMPLETED** 11/10/21
GROUND ELEVATION 527.4 ft **HOLE SIZE** 2 inch
DRILLING CONTRACTOR Parratt-Wolff
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING Saturation encountered in boring at 3'
LOGGED BY Kevin Murphy **CHECKED BY** Caitlin Serowik
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0	MC GB SB-06 2-3	100	SP		0 '- 2 ' (SP) Moist, brown gravelly sand.	
2.0						525.4
5			SP-SM		2 '- 5 ' (SP-SM) Saturated, brown silty sand.	
5.0						522.4
	MC	100	CL		5 '- 8 ' (CL) Saturated, brown, low-plasticity clay. Hard.	PID = 0
8.0						519.4
10	MC	100	SP		8 '- 17 ' (SP) Saturated, grey/brown fine to medium sand with fine to medium gravel.	
15	MC GB SB-06 14-15	100				PID = 3.5
17.0						510.4
	MC	100	SP		17 '- 18 ' (SP) Saturated, grey fine-grained sand.	
18.0						509.4
20	MC	100	SM		18 '- 24 ' (SM) Saturated, grey fine-grained sand with silt. Dense from 23'-24'.	PID = 18.6
24.0						503.4
25	MC	100	SP		24 '- 36 ' (SP) Saturated, grey fine grained sand with fine to medium gravel. Dense.	
30	MC	100				PID = 5.8
35	GB SB-06 32-33 MC	25				
36.0						491.4

Bottom of borehole at 36.0 feet.

GENERAL BH / TP / WELL - TRC_WINDSOR_STD.GDT - 3/24/22
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BORING NUMBER SOH-SB-07

CLIENT NYSDEC
PROJECT NAME Stuart Olver Holtz
PROJECT NUMBER 828079
PROJECT LOCATION Henrietta, NY
DATE STARTED 11/10/21 **COMPLETED** 11/15/21
GROUND ELEVATION 527.4 ft **HOLE SIZE** 2 inch
DRILLING CONTRACTOR Parratt-Wolff
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING Saturation encountered in boring at 3.5
LOGGED BY Kevin Murphy **CHECKED BY** Caitlin Serowik
AT END OF DRILLING ---
NOTES Start on 11/10/21 with refusal. Reattempt on 11/15/21 with refusal
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0	MC	100	SP		0 '- 3 ' (SP) Moist, brown gravelly sand.	
3.0						524.4
	GB SB-07 3-4		CL		3 '- 7 ' (CL) Saturated, brown, low-plasticity clay. Hard.	PID = 0
5	MC	100				
7.0						520.4
			SM		7 '- 8 ' (SM) Saturated, brown fine-grained sand with silt.	
8.0						519.4
			SP		8 '- 9 ' (SP) Saturated, brown fine-grained sand with fine to medium gravel.	PID = 0
9.0						518.4
10	MC	100	SM		9 '- 11 ' (SM) Saturated, brown fine-grained sand with silt.	
11.0						516.4
			SW		11 '- 13 ' (SW) Saturated, grey/brown well-graded sand.	
13.0						514.4
	MC GB SB-07 14-15	75	SP		13 '- 16 ' (SP) Saturated, grey/brown fine-grained sand with fine to medium gravel. Dense.	PID = 1.4
15						
16.0						511.4
	MC	100	SP		16 '- 23 ' (SP) Saturated, grey fine-grained sand.	
20						
23.0						504.4
	MC	100				
	MC SB-07 23-24		SP		23 '- 24 ' (SP) Saturated, grey fine-grained sand with fine to medium gravel. Dense.	PID = 0
24.0						503.4

Refusal at 24.0 feet.
Bottom of borehole at 24.0 feet.

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BORING NUMBER SOH-SB-09

CLIENT NYSDEC
PROJECT NAME Stuart Olver Holtz
PROJECT NUMBER 828079
PROJECT LOCATION Henrietta, NY
DATE STARTED 11/11/21 **COMPLETED** 11/11/21
GROUND ELEVATION 527.7 ft **HOLE SIZE** 2 inch
DRILLING CONTRACTOR Parratt-Wolff
GROUND WATER LEVELS:
DRILLING METHOD Dual Tube
AT TIME OF DRILLING Saturation encountered in boring at 4'
LOGGED BY Kevin Murphy **CHECKED BY** Caitlin Serowik
AT END OF DRILLING ---
NOTES Start on 11/11/21 w/ refusal. DT attempt on 11/12/21, refusal at 29'
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0	MC	0			0 '- 4 ' No recovery.	
	GB SB-09 3-4				4.0 523.7	
5	MC	25	ML		4 '- 12 ' (ML) Saturated, brown gravelly silt with fine to medium sized gravel.	PID = 0
10	MC	25			12.0 515.7	
15	MC	100	SP		12 '- 24 ' (SP) Saturated, grey fine-grained sand with fine to medium sized gravel.	PID = 0
20	MC	100				
	MC GB SB-09 22-23	100			24.0 503.7	PID = 74.8
25	MC	100	SW		24 '- 27 ' (SW) Saturated, grey well-graded sand.	PID = 273
					27.0 500.7	
	MC SB-09 28-29 MC	100	SP		27 '- 29 ' (SP) Saturated, grey fine-grained sand with fine to medium sized gravel.	PID = 397
					29.0 498.7	

Refusal at 29.0 feet.
Bottom of borehole at 29.0 feet.

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BORING NUMBER SOH-SB-10

CLIENT NYSDEC
PROJECT NAME Stuart Olver Holtz
PROJECT NUMBER 828079
PROJECT LOCATION Henrietta, NY
DATE STARTED 11/11/21 **COMPLETED** 11/11/21
GROUND ELEVATION 527.4 ft **HOLE SIZE** 2 inch
DRILLING CONTRACTOR Parratt-Wolff
GROUND WATER LEVELS:
DRILLING METHOD Dual Tube
AT TIME OF DRILLING Saturation ecountered at 4'
LOGGED BY Kevin Murphy **CHECKED BY** Caitlin Serowik
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0			SP		0 '- 1 ' (SP) Moist, brown fine-grained sand with fine to medium gravel. Dense. 526.4	
	MC GB SB-10 2-3	100	CL		1.0 1 '- 4 ' (CL) Moist, brown low-plasticity clay. Hard. 523.4	PID = 0.2
5	MC	13	ML		4.0 4 '- 8 ' (ML) Saturaed, brown fine-grained sand with silt. 519.4	
10	MC	50	SP		8.0 8 '- 12 ' (SP) Saturated, grey/brown fine grained sand with fine to medium gravel. 515.4	
	MC	100	SP		12.0 12 '- 14 ' (SP) Saturated, grey/brown fine grained sand. 513.4	PID = 1.8
15			SP		14.0 14 '- 15 ' (SP) Saturated, brown fine-grained sand with fine to medium gravel. 512.4	
			SW		15.0 15 '- 16 ' (SW) Saturated, grey well-graded sand. 511.4	
	MC	100	SP		16.0 16 '- 18 ' (SP) Saturated, grey/brown fine-grained sand. 509.4	
20	GB SB-10 21-22 MC	100	ML		18.0 18 '- 23 ' (ML) Saturated, grey silt. Dense. 504.4	PID = 15.5 PID = 15.8
25	GB SB-10 25-26 MC	100	SP		23.0 23 '- 28 ' (SP) Saturated, grey/brown fine-grained sand with fine to medium gravel. Dense. 499.4	PID = 0
					28.0 Bottom of borehole at 28.0 feet.	

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BORING NUMBER SOH-SB-13

CLIENT NYSDEC
PROJECT NAME Stuart Olver Holtz
PROJECT NUMBER 828079
PROJECT LOCATION Henrietta, NY
DATE STARTED 11/9/21 **COMPLETED** 11/9/21
GROUND ELEVATION 527.7 ft **HOLE SIZE** 2 inch
DRILLING CONTRACTOR Parratt-Wolff
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING Saturation encountered at 3'
LOGGED BY Kevin Murphy **CHECKED BY** Caitlin Serowik
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0	MC GB SB-13 2-3	75	SP		0 '- 3 ' (SP) Moist, brown fine-grained sand with fine to medium gravel.	
3.0						524.7
5			SP-SM		3 '- 5 ' (SP-SM) Saturated, brown fine-grained silty sand.	
5.0						522.7
	MC	100	CL		5 '- 8 ' (CL) Saurated, brown low-plasticity clay. Hard.	PID = 0
8.0						519.7
10	MC	100	SP		8 '- 12 ' (SP) Saturated, grey silty, fine-grained sand with small amounts of gravel.	
12.0						515.7
15	MC	100	SP		12 '- 20 ' (SP) Saturaed, grey fine-grained sand.	PID = 0
20	MC	75				
20.0						507.7
25	MC	75	SP-SM		20 '- 36 ' (SP-SM) Saturated, grey fine-grained silty sand.	PID = 4
	MC	100				PID = 63
30	MC	100				
	GB SB-13 31-32					PID = 10.8
35	MC GB SB-13 34-35	100				
36.0						491.7

Bottom of borehole at 36.0 feet.

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BORING NUMBER SOH-SB-15

CLIENT NYSDEC
PROJECT NAME Stuart Olver Holtz
PROJECT NUMBER 828079
PROJECT LOCATION Henrietta, NY
DATE STARTED 11/9/21 **COMPLETED** 11/9/21
GROUND ELEVATION 527.4 ft **HOLE SIZE** 2 inch
DRILLING CONTRACTOR Parratt-Wolff
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING Saturation encountered at 3'
LOGGED BY Kevin Murphy **CHECKED BY** Caitlin Serowik
AT END OF DRILLING ---
NOTES Refusal at 28'. Step back and reattempt boring to reach depth of 36'
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0	MC GB SB-15 2-3	100	SP		0 '- 3 ' (SP) Moist, brown fine-grained gravelly sand.	
					3.0 524.4	
			SP-SM		3 '- 6 ' (SP-SM) Saturated, dark brown fine-grained sand with silt.	PID = 0
5	MC	100			6.0 521.4	
			CL		6 '- 8 ' (CL) Saturated, brown low-plasticity clay. Hard.	
					8.0 519.4	
			CL-ML		9.0 8 '- 9 ' (CL-ML) Saturated, brown silty clay. Hard. 518.4	
10	MC	100	CL		9 '- 12 ' (CL) Saturated, brown low-plasticity clay. Hard.	
					12.0 515.4	
	MC	100	SW		12 '- 16 ' (SW) Saturated grey well-graded sand with small amounts of fine to medium gravel.	PID = 0
15					16.0 511.4	
	MC	100	SP-SM		16 '- 18 ' (SP-SM) Saturated, grey fine-grained sand with silt.	
					18.0 509.4	
			SP		19.0 18 '- 19 ' (SP) Saturated, grey coarse sand. 508.4	
20			SP-SM		20.0 19 '- 20 ' (SP-SM) Saturated, grey fine-grained sand with silt. 507.4	
	MC	100	SP		20 '- 36 ' (SP) Saturated, brown fine-grained sand with fine to medium gravel. Dense.	PID = 0
25	GB SB-15 24-25 MC	75				
						PID = 0
30	MC	100				
	MC GB SB-15 34-35	100				
35					36.0 491.4	

Bottom of borehole at 36.0 feet.

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BORING NUMBER SOH-SB-18
WELL NUMBER SOH-MW-8

CLIENT NYSDEC
PROJECT NAME Stuart Olver Holtz
PROJECT NUMBER 828079
PROJECT LOCATION Henrietta, NY
DATE STARTED 11/12/21 **COMPLETED** 11/12/21
GROUND ELEVATION 532.5 ft **HOLE SIZE** 2 inch
DRILLING CONTRACTOR Parratt-Wolff
GROUND WATER LEVELS:
DRILLING METHOD Dual Tube
AT TIME OF DRILLING Saturation encountered at 4'
LOGGED BY Kevin Murphy **CHECKED BY** Caitlin Serowik
AT END OF DRILLING ---
NOTES Hand cleared to 4'
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data	WELL DIAGRAM
0	ERA-SD				0 '- 4 ' Hand cleared, not logged.		Top of casing
					4.0 / 528.5		
5	MC GB SB-18 6-7	75	CL		4 '- 6 ' (CL) Saturated, brown, low-plasticity clay. Hard.	PID = 0	Grout
					6.0 / 526.5		2" Sch. 40 PVC
10	MC	100	SP		6 '- 16 ' (SP) Saturated, brown, fine-grained gravelly sand. Medium dense.	PID = 0	Bentonite Seal
15	MC GB SB-18 14-15	100					
					16.0 / 516.5		Morrie #2 Silica Sand
	MC	100			16 '- 24 ' (SP) Saturated, grey/brown, fine-grained gravelly sand. Dense.		0.01- Slot 2" Sch. 40 PVC
20	GB SB-18 20-21		SP			PID = 0	
	MC	100					End Screen, End Boring
					24.0 / 508.5		

Bottom of borehole at 24.0 feet.

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BORING NUMBER SOH-SB-19
WELL NUMBER SOH-MW-9

CLIENT NYSDEC
PROJECT NAME Stuart Olver Holtz
PROJECT NUMBER 828079
PROJECT LOCATION Henrietta, NY
DATE STARTED 11/16/21 **COMPLETED** 11/16/21
GROUND ELEVATION 531 ft **HOLE SIZE** 2 inch
DRILLING CONTRACTOR Parratt-Wolff
GROUND WATER LEVELS:
DRILLING METHOD Dual Tube
AT TIME OF DRILLING Saturation encountered at 5'
LOGGED BY Kevin Murphy **CHECKED BY** Caitlin Serowik
AT END OF DRILLING ---
NOTES Hand cleared to 4'
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0					0 '- 4 ' Hand cleared, not logged.	
	ERA-SD					
4.0						527.0
5	GB SB-19 4-5				4 '- 7 ' (SP) Saturated, brown fine-grained sand with fine to medium gravel.	PID = 0
	GB SB-19 5-6 MC	100	SP			
7.0						524.0
			SP		7 '- 9 ' (SP) Saturated, brown fine-grained sand.	PID = 0
9.0						522.0
10	MC	100	SP		9 '- 10 ' (SP) Saturated, brown coarse-grained sand.	
10.0						521.0
			SP		10 '- 12 ' (SP) Saturated, brown fine-grained sand.	
12.0						519.0
	MC	100	SP		12 '- 14 ' (SP) Saturated, brown fine-grained sand with fine to medium gravel.	PID = 0
14.0						517.0
15	GB SB-19 14-15		SP-SM		14 '- 15 ' (SP-SM) Saturated, brown fine-grained silty sand.	
15.0						516.0
					15 '- 20 ' Not logged.	
20						
20.0						511.0

Bottom of borehole at 20.0 feet.

WELL DIAGRAM:
- Top of casing
- Grout
- 2" Sch. 40 PVC
- Bentonite Seal
- Morrie #2 Silica Sand
- 0.01- Slot 2" Sch. 40 PVC
- End Screen, End Boring

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BORING NUMBER SOH-SB-20
WELL NUMBER SOH-MW-10

CLIENT NYSDEC
PROJECT NAME Stuart Olver Holtz
PROJECT NUMBER 828079
PROJECT LOCATION Henrietta, NY
DATE STARTED 11/18/21 **COMPLETED** 11/18/21
GROUND ELEVATION 522.8 ft **HOLE SIZE** 2 inch
DRILLING CONTRACTOR Parratt-Wolff
GROUND WATER LEVELS:
DRILLING METHOD Dual Tube
AT TIME OF DRILLING Saturation encountered at 5'
LOGGED BY Kevin Murphy **CHECKED BY** Caitlin Serowik
AT END OF DRILLING ---
NOTES Hand cleared to 4'
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data	WELL DIAGRAM
0					0 '- 4 ' Hand cleared, not logged.		Top of casing
	ERA-SD						Grout
					4.0 / 518.8		
5	GB SB-20 4-5				4 '- 7 ' (CL) Saturated, brown low-plasticity clay. Hard.	PID = 0	2" Sch. 40 PVC
	MC	100	CL				
					7.0 / 515.8		Bentonite Seal
					7 '- 12 ' (SP) Saturated, grey/brown fine-grained sand with fine to medium gravel.	PID = 0	
10	MC	25	SP				
					12.0 / 510.8		
	GB SB-20 12-13				12 '- 16 ' (SP) Saturated, grey/brown fine-grained sand.	PID = 0	
	MC	100	SP				Morrie #2 Silica Sand
15							0.01- Slot 2" Sch. 40 PVC
					16.0 / 506.8		
	MC	100	SP		16 '- 18 ' (SP) Saturated, grey/brown fine-grained sand with fine to medium gravel.		
	GB SB-20 17-18				18.0 / 504.8		
					18 '- 20 ' Not logged.		
20					20.0 / 502.8		End Screen, End Boring

Bottom of borehole at 20.0 feet.

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BORING NUMBER SOH-SB-22
WELL NUMBER SOH-MW-7

CLIENT NYSDEC
PROJECT NAME Stuart Olver Holtz
PROJECT NUMBER 828079
PROJECT LOCATION Henrietta, NY
DATE STARTED 11/12/21 **COMPLETED** 11/12/21
GROUND ELEVATION 524.2 ft **HOLE SIZE** 2 inch
DRILLING CONTRACTOR Parratt-Wolff
GROUND WATER LEVELS:
DRILLING METHOD Dual Tube
AT TIME OF DRILLING Saturation encountered at 4'
LOGGED BY Kevin Murphy **CHECKED BY** Caitlin Serowik
AT END OF DRILLING ---
NOTES Hand cleared to 4'
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data	WELL DIAGRAM
0					0 '- 4 ' Hand cleared, not logged.		Top of casing
	ERA-SD				4.0 520.2		
5	MC GB SB-22 6-7	75	CL		4 '- 16 ' (CL) Saturated, brown low-plasticity clay. Hard.	PID = 0	2" Sch. 40 PVC
							Grout
10	MC	100					
						PID = 0	
15	MC	100					Bentonite Seal
					16.0 508.2		
	MC	100	SP		16 '- 20 ' (SP) Saturated, grey fine-grained sand with fine gravel. Soft.		
20					20.0 504.2		
	MC GB SB-22 22-23	25	SP		20 '- 28 ' (SP) Saturated, grey fine-grained sand with fine gravel. Hard.	PID = 0	Morrie #2 Silica Sand
25							0.01- Slot 2" Sch. 40 PVC
	MC	50					
	GB SB-22 27-28				28.0 496.2		End Screen, End Boring

Bottom of borehole at 28.0 feet.

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BORING NUMBER SOH-SB-23

CLIENT NYSDEC
PROJECT NAME Stuart Olver Holtz
PROJECT NUMBER 828079
PROJECT LOCATION Henrietta, NY
DATE STARTED 11/9/21 **COMPLETED** 11/9/21
GROUND ELEVATION 527.7 ft **HOLE SIZE** 2 inch
DRILLING CONTRACTOR Parratt-Wolff
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING Saturation encountered at 5'
LOGGED BY Kevin Murphy **CHECKED BY** Caitlin Serowik
AT END OF DRILLING ---
NOTES Hand cleared to 4'
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data
0.0					0 '- 4 ' Hand cleared, not logged.	
2.5	ERA-SD					
					4.0 / 523.7	
5.0			SP-SM		4 '- 5 ' (SP-SM) Saturated, brown fine-grained silty sand.	
					5.0 / 522.7	
	MC	100	CL		5 '- 12 ' (CL) Saturated, brown low-plasticity clay. Hard.	PID = 0
7.5						
10.0	MC	100				
					12.0 / 515.7	
12.5			SP-SM		12 '- 14 ' (SP-SM) Saturated, brown fine-grained silty sand.	PID = 0.8
	MC	75			14.0 / 513.7	
15.0			SP		14 '- 16 ' (SP) Saturated, grey well-graded sand with fine to medium gravel.	PID = 3.4
	GB SB-23 15-16				16.0 / 511.7	
					Bottom of borehole at 16.0 feet.	

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BORING NUMBER SOH-SB-24
WELL NUMBER SOH-MW-6

CLIENT NYSDEC
PROJECT NAME Stuart Olver Holtz
PROJECT NUMBER 828079
PROJECT LOCATION Henrietta, NY
DATE STARTED 11/11/21 **COMPLETED** 11/15/21
GROUND ELEVATION 527.5 ft **HOLE SIZE** 2 inch
DRILLING CONTRACTOR Parratt-Wolff
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING Saturation encountered at 2'
LOGGED BY Kevin Murphy **CHECKED BY** Caitlin Serowik
AT END OF DRILLING ---
NOTES Started on 11/11/21, refusal at 20'. Reattempt on 11/18/21
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data	WELL DIAGRAM
0	MC	100	CL		0 '- 2 ' (CL) Moist, brown low-plasticity clay. Dense.		Top of casing
2.0 / 525.5			ML		2 '- 4 ' (ML) Saturated, brown silt with fine sand. Moderate dense.	PID = 0.3	
4.0 / 523.5							
5	MC	50	SP-SM		4 '- 8 ' (SP-SM) Saturated, brown silty sand with small amounts of fine gravel. Moderate dense.		2" Sch. 40 PVC
8.0 / 519.5							
10	MC	75	SP		8 '- 12 ' (SP) Saturated, grey/brown fine-grained sand with fine to medium gravel. Dense.		Grout
12.0 / 515.5						PID = 4.4	
15	NR				12 '- 16 ' No recovery.		
16.0 / 511.5							
			SP		16 '- 17 ' (SP) Saturated, brown coarse sand.	PID = 0	
17.0 / 510.5							Bentonite Seal
20	MC	100	SP		17 '- 24 ' (SP) Saturated, grey/brown fine-grained sand with fine to medium gravel. Dense.		
	MC	100					
	GB SB-24 23-24						
24.0 / 503.5							Morrie #2 Silica Sand 0.01- Slot 2" Sch. 40 PVC
25					24 '- 35 ' ISCO samples recovered, not logged.		
30							End Screen, End Boring
35							
35.0 / 492.5							

Bottom of borehole at 36.0 feet.

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APPENDIX C

MONITORING WELL DEVELOPMENT FORMS

Monitoring Well Development Log

WELL NUMBER	WELL INFORMATION					
	Well Diameter (inches)	Total Depth[1] (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	
SOH-SB-18						Date: 11/30/21
~~PERMIT NUMBER~~						Personnel: Kevin, Rick
						Site Name: SOH
						Site Location: Henrietta, NY
MW-8	2	22	5.30	NA	0	Job Number:

[1] Use a previously determined total depth. Confirm the total depth of well after developing.

TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump Intake Depth[2] (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/min)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity: 10.31 NTU
Waterra	HDPE 3/4"	21	0950	1109	2000	24	Rental Meter Name:		
							Rental Meter Serial No.:		

[2] Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes

	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%[3]		
Time	Flow Rate (ml/min)	Depth to Water (ft)	Temp (°C)	pH (su)	Cond (mS/cm)	D.O. (mg/L)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
0950	2000	19.20						out of range	KM	muddy/brown
1000	2000	19.20						"	KM	muddy/brown
1020	2000	19.20						"	KM	muddy/brown
1027	1000	19.20						"	KM	cloudy/brown
1049	1000	19.80						106.5	KM	cloudy
1100	1000	19.81						55.6	KM	slightly cloudy
1110	1000	19.81						34.3	KM	clear
		* below 50 NTU, 3 well vol								

Weather Conditions:

[3] For values greater than 10.

Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 min are within criteria listed above.

1 well vol 2.7 gal

Initial TD tagged @ 22.28 ft toc soft bottom

Final TD tagged @ 22.30 ft toc hard bottom

Monitoring Well Development Log

TRC

WELL NUMBER	WELL INFORMATION					Date: 11/30/21
SOH-SB-19	Well Diameter (inches)	Total Depth[1] (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Personnel: Kevin, Rick
~~PERMIT NUMBER~~						Site Name: Bold
MW-9	2	20	6.60	NA	0	Site Location: Henrietta NY
						Job Number:

[1] Use a previously determined total depth. Confirm the total depth of well after developing.

TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump Intake Depth[2] (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/min)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity:
Waterra	3/4" HDPE	18	1243	1343	2600	23	Rental Meter Name:		
							Rental Meter Serial No.:		

[2] Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes

Time	Flow Rate (ml/min)	Depth to Water (ft)	± 3% Temp (°C)	± 0.1 su pH (su)	± 3% Cond (mS/cm)	± 10% D.O. (mg/L)	± 10 mv ORP (mv)	± 10%[3] Turbidity (NTU)	Initials	Water Conditions/Comments
Criteria:		<0.3 ft								
1243	2600	8.90						out of range	KM	muddy, grey
1250	2600	10.~~83~~						"	KM	"
1255	2600	10.9						"	KM	cloudy, grey
1306	2600	12.5						"	KM	cloudy, light grey/brn
1320	2600	12.6						"	KM	"
1333	2600	12.6						"	KM	"
1343	2600	12.6						"	KM	"
				X 10 well vol purged						

Weather Conditions:

[3] For values greater than 10.

Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 min are within criteria listed above.

1 well vol 2 gal

18.9 ft ftoc soft bottom

19.0 ft ftoc hard bottom

Monitoring Well Development Log

WELL NUMBER	WELL INFORMATION					
SOH-SB-20	Well Diameter (inches)	Total Depth[1] (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	
~~PERMIT NUMBER~~						
MW-10	2	20	0.45	NA	0	

Date: 11/30/21
Personnel: Kevin, Rick
Site Name: SOH
Site Location: Henrietta, NY
Job Number:

[1] Use a previously determined total depth. Confirm the total depth of well after developing.

TOC = top of casing

PURGING INFORMATION						
Pump Type	Tubing Type	Pump Intake Depth[2] (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/min)	Total Purge Vol. (US Gal)
Waterra	3/4 in HDPE	19	1154	1208	3000	10

WATER QUALITY METER CALIBRATION READINGS		
Temp:	pH:	Cond:
D.O.:	ORP:	Turbidity:
Rental Meter Name:		
Rental Meter Serial No.:		

[2] Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes

	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%[3]		
Time	Flow Rate (ml/min)	Depth to Water (ft)	Temp (°C)	pH (su)	Cond (mS/cm)	D.O. (mg/L)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
1155	3000	12.30						over range	KM	slightly cloudy
1200	3000	16.50						11	KM	11
1205	1000	18.30						65.0	KM	11
1208	1000	18.40						39.6	KM	clear
		* below 50 NTU, > 3 well vol								

Weather Conditions:

[3] For values greater than 10.

Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 min are within criteria listed above.

1 well vol 3.14 gal

Initial TD tagged @ 19.70 ftoc hard bottom

Final TD tagged @ 19.70 ft ftoc hard bottom

Monitoring Well Development Log

WELL NUMBER	WELL INFORMATION					Date: 11/30/21
SOH-SB-22	Well Diameter (inches)	Total Depth[1] (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Personnel: Kevin, Rick
~~PERMIT NUMBER~~						Site Name: SOH
MW-7	2	27	4.90	NA	0	Site Location: Kenneth, NY
						Job Number:

[1] Use a previously determined total depth. Confirm the total depth of well after developing.

TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump Intake Depth[2] (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/min)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity: 10.31/N14
Waterra	HDPE 3/4"	27	0830	0917	.8gal/min 3000ml/min	36	Rental Meter Name:		
							Rental Meter Serial No.:		

[2] Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes

	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%[3]		
Time	Flow Rate (ml/min)	Depth to Water (ft)	Temp (°C)	pH (su)	Cond (mS/cm)	D.O. (mg/L)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
0830	3000	9.90						out of range	KM	muddy/brown
0900	3000	12.10						"	KM	cloudy/brown
0910	3000	12.70						"	KM	cloudy/brown
0917	3000	12.70						"	KM	cloudy/brown
			* 10 well vol purged							

Weather Conditions:

[3] For values greater than 10.

Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 min are within criteria listed above.

1 well vol 3.6gal

Initial TD tagged @ 27.36 ft ftoc hard bottom

Final TD tagged @ 27.36 ft ftoc hard bottom

Monitoring Well Development Log

WELL NUMBER	WELL INFORMATION					
SOH-SB-24	Well Diameter (inches)	Total Depth[1] (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Date: 11/29/21
~~PERMIT NUMBER~~						Personnel: Kevin, Rick
MW-6	2	30	2.02	NA	0	Site Name: SOH
						Site Location: Henrietta, NY
						Job Number:

[1] Use a previously determined total depth. Confirm the total depth of well after developing.

TOC = top of casing

PURGING INFORMATION							WATER QUALITY METER CALIBRATION READINGS		
Pump Type	Tubing Type	Pump Intake Depth[2] (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/min)	Total Purge Vol. (US Gal)	Temp:	pH:	Cond:
							D.O.:	ORP:	Turbidity: 9.95 NTU
Waterra	HDPE 3/4"	28	1112	1500	800-3000	50	Rental Meter Name:		
							Rental Meter Serial No.:		

[2] Below TOC

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes

	Criteria:	<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%[3]		
Time	Flow Rate (ml/min)	Depth to Water (ft)	Temp (°C)	pH (su)	Cond (mS/cm)	D.O. (mg/L)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
1115	800	2.02						out of range	KM	muddy/brown
1120	800	5.31						"	KM	clear w/ brown
1220	800	5.34						"	KM	"
1410	800	7.26						"	KM	"
1440	3000	12.45						"	KM	"
1500	3000	12.51						"	KM	v cloudy
			* 10 well vol purged							

Weather Conditions:

[3] For values greater than 10.

Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 min are within criteria listed above.

1 well vol 4.5 gal

Initial TD tagged @ 28.12 ft floc soft bottom

Final TD tagged @ 28.42 ft floc hard bottom

APPENDIX D

LOW-FLOW GROUNDWATER SAMPLING LOGS

LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME: NYSDEC-SOH	
PROJECT NUMBER: 386554	
SAMPLE ID: SOH-MW-07	SAMPLE TIME: 1500

LOCATION ID: SOH-MW-07	DATE: 1/4/22
START TIME: 1350	END TIME: 1510
SITE NAME/NUMBER: SOH	PAGE: 1 OF 1

WELL DIAMETER (INCHES): [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] 8 [ ] OTHER

TUBING ID (INCHES): [ ] 1/8 [ ] 1/4 [ ] 3/8 [ ] 1/2 [ ] 5/8 [X] OTHER 0.17.4

MEASUREMENT POINT (MP): [ ] TOP OF RISER (TOR) [X] TOP OF CASING (TOC) [ ] OTHER

WELL INTEGRITY

	YES	NO	N/A
CAP	X	—	—
CASING	X	—	—
LOCKED	—	X	—
COLLAR	—	X	—

INITIAL DTW (BMP)	4.54 FT	FINAL DTW (BMP)	5.15 FT	PROT. CASING STICKUP (AGS)	flush FT	TOC/TOR DIFFERENCE	— FT
WELL DEPTH (BMP)	27.44 FT	SCREEN LENGTH	10 FT	PID AMBIENT AIR	0.0 PPM	REFILL TIMER SETTING	— SEC
WATER COLUMN	22.90 FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041)	0.10 GAL	PID WELL MOUTH	0.0 PPM	DISCHARGE TIMER SETTING	— SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	3.75 GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL)	2.6 GAL	DRAWDOWN/ TOTAL PURGED	—	PRESSURE TO PUMP	— PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O_2 (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1400	BEGIN PURGING									
1410	5.14	200	13.1	1.577	7.54	0.29	39.5	-27.6	23	clear, no odor
1420	5.24	200	13.5	1.626	7.44	0.27	13.4	-56.7	23	"
1430	5.11	200	12.7	1.647	7.40	0.15	19.1	-61.3	23	"
1440	5.14	200	12.8	1.652	7.40	0.13	21.3	-65.8	23	"
1445	5.15	200	13.0	1.658	7.41	0.12	20.2	-67.4	23	"
1450	5.15	200	13.1	1.664	7.40	0.12	19.8	-69.0	23	"
1500 – Stable, disconnect from YSI Sample flow through										

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

	13	1.664	7.4	0.1	19.8	-69

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] BLADDER _____
- [ ] WATTERA
- [ ] OTHER _____
- [ ] OTHER _____

DECON FLUIDS USED
- [X] LIQUINOX
- [ ] DEIONIZED WATER
- [X] POTABLE WATER
- [ ] NITRIC ACID
- [ ] HEXANE
- [ ] METHANOL
- [ ] OTHER _____

TUBING/PUMP/BLADDER MATERIALS
- [X] SILICON TUBING
- [ ] TEFLON TUBING
- [ ] TEFLON LINED TUBING
- [X] HDPE TUBING
- [ ] LDPE TUBING
- [ ] OTHER _____
- [ ] OTHER _____

- [ ] S. STEEL PUMP MATERIAL
- [ ] PVC PUMP MATERIAL
- [ ] GEOPROBE SCREEN
- [ ] TEFLON BLADDER
- [ ] OTHER _____
- [ ] OTHER _____
- [ ] OTHER _____

EQUIPMENT USED
- [X] WL METER YSI Pro Quatro
- [X] PID Mini Rae 3000 10.6eV
- [X] ~~Mano~~ METER Solinst Interface Meter
- [X] TURB. METER Hach 2100Q
- [X] PUMP Geopump
- [ ] OTHER _____
- [ ] FILTERS NO. ___ TYPE _____

ANALYTICAL PARAMETERS

	PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
X	See Chain of Custody						MS/MSD	

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NO-PURGE METHOD UTILIZED: YES [ ] NO [X]

NUMBER OF GALLONS GENERATED: 2.6 gal

If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

SKETCH/NOTES

Sampler Signature: [signature] Print Name: Kevin Murphy

Checked By: Date: 1/4/22

TRC

LOW FLOW GROUNDWATER SAMPLING RECORD

10 Maxwell Drive, Suite 200, Clifton Park, NY 12065

LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME: NYSDEC-SOH	
PROJECT NUMBER: 386554	
SAMPLE ID: SOH-~~MW~~ KM URS-05	SAMPLE TIME: 1245

LOCATION ID: URS-05	DATE: 1/5/22
START TIME: 1130	END TIME: 1250
SITE NAME/NUMBER: SOH	PAGE: 1 OF 1

WELL DIAMETER (INCHES): ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ 8 ☐ OTHER

TUBING ID (INCHES): ☐ 1/8 ☐ 1/4 ☐ 3/8 ☐ 1/2 ☐ 5/8 ☒ OTHER 0.17 in

MEASUREMENT POINT (MP): ☐ TOP OF RISER (TOR) ☒ TOP OF CASING (TOC) ☐ OTHER

WELL INTEGRITY

	YES	NO	N/A
CAP	X	—	—
CASING	X	—	—
LOCKED	—	X	—
COLLAR	—	X	—

INITIAL DTW (BMP)	4.19 FT	FINAL DTW (BMP)	5.04 FT	PROT. CASING STICKUP (AGS)	flush FT
WELL DEPTH (BMP)	27.04 FT	SCREEN LENGTH	10~~FT~~ FT	PID AMBIENT AIR	0.0 PPM
WATER COLUMN	22.95 FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041)	0.139 GAL	PID WELL MOUTH	0.0 PPM
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	3.76 GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL)	2.34 GAL	DRAWDOWN/ TOTAL PURGED	—

TOC/TOR DIFFERENCE	— FT	
REFILL TIMER SETTING	— SEC	
DISCHARGE TIMER SETTING	— SEC	
PRESSURE TO PUMP	— PSI	

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O_2 (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1155	BEGIN PURGING									
1205	4.82	200	12.0	0.183	9.51	2.15	12.7	91.4	22	clear, no odor
1215	5.10	200	11.7	0.692	8.02	1.96	54.8	-46.2	22	"
1225	5.04	200	12.2	0.959	7.83	0.42	44.5	-40.2	22	"
1230	5.04	200	12.0	0.980	7.80	0.28	31.5	-50.1	22	"
1235	5.04	200	11.9	0.988	7.78	0.29	29.5	-51.0	22	"
1240	5.04	200	11.9	0.991	7.79	0.27	29.1	-52.4	22	"
1245 - Stable - disconnect from flow through cell, collect sample										

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

	12	0.991	7.8	0.3	29.1	-52

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- ☒ PERISTALTIC
- ☐ SUBMERSIBLE
- ☐ BLADDER
- ☐ WATTERA
- ☐ OTHER
- ☐ OTHER

DECON FLUIDS USED
- ☒ LIQUINOX
- ☐ DEIONIZED WATER
- ☐ POTABLE WATER
- ☐ NITRIC ACID
- ☐ HEXANE
- ☐ METHANOL
- ☐ OTHER

TUBING/PUMP/BLADDER MATERIALS
- ☒ SILICON TUBING
- ☐ TEFLON TUBING
- ☐ TEFLON LINED TUBING
- ☒ HDPE TUBING
- ☐ LDPE TUBING
- ☐ OTHER
- ☐ OTHER

- ☐ S. STEEL PUMP MATERIAL
- ☐ PVC PUMP MATERIAL
- ☐ GEOPROBE SCREEN
- ☐ TEFLON BLADDER
- ☐ OTHER
- ☐ OTHER
- ☐ OTHER

EQUIPMENT USED
- ☒ ~~WL~~ WQ METER YSI Pro Quatro
- ☒ PID Mini Rae 3000 10.6eV
- ☒ ~~WL~~ METER Solinst IF Meter
- ☒ TURB. METER Hach 2100Q
- ☒ PUMP Geopump
- ☐ OTHER
- ☐ FILTERS NO. ___ TYPE ___

ANALYTICAL PARAMETERS

	PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
X	See Chain of Custody							

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: ☒ YES ☐ NO — NUMBER OF GALLONS GENERATED: 2.3 gal

NO-PURGE METHOD UTILIZED: ☐ YES ☒ NO — If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

SKETCH/NOTES

~~*~~ reported

Sampler Signature: K. O'Murphy — Print Name: Kevin Murphy

Checked By: — Date: 1/5/22

TRC

LOW FLOW GROUNDWATER SAMPLING RECORD

10 Maxwell Drive, Suite 200, Clifton Park, NY 12065

LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME: NYSDEC - SOH	LOCATION ID: URS-04
PROJECT NUMBER: 386554	DATE: ~~1/5~~ KM 1/5/21
SAMPLE ID: SOH-URS-04 / SAMPLE TIME: 1405	START TIME: 1300 / END TIME: 1410
	SITE NAME/NUMBER: SOH / PAGE: 1 OF 1

WELL DIAMETER (INCHES): ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ 8 ☐ OTHER

TUBING ID (INCHES): ☐ 1/8 ☐ 1/4 ☐ 3/8 ☐ 1/2 ☐ 5/8 ☒ OTHER 0.17"

MEASUREMENT POINT (MP): ☐ TOP OF RISER (TOR) ☐ TOP OF CASING (TOC) ☐ OTHER

WELL INTEGRITY

	YES	NO	N/A
CAP	✓		
CASING	X		
LOCKED		X	
COLLAR		X	

INITIAL DTW (BMP)	6.74 FT	FINAL DTW (BMP)	6.96 FT	PROT. CASING STICKUP (AGS)	Flush FT	TOC/TOR DIFFERENCE	– FT
WELL DEPTH (BMP)	16.17 FT	SCREEN LENGTH	8* FT	PID AMBIENT AIR	0.0 PPM	REFILL TIMER SETTING	– SEC
WATER COLUMN	9.43 FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041)	0.36 GAL	PID WELL MOUTH	0.0 PPM	DISCHARGE TIMER SETTING	– SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	1.546 GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL)	2.86 GAL	DRAWDOWN/ TOTAL PURGED	–	PRESSURE TO PUMP	– PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O_2 (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1305	BEGIN PURGING									
1315	6.96	200	12.5	1.381	7.76	0.48	52.5	-65.8	14	slightly turbid, no odor
1325	6.96	200	12.8	1.322	7.66	0.35	40.4	-77.7	14	"
1335	6.96	200	13.0	1.209	7.73	0.26	29.3	-94.2	14	"
1345	6.96	200	13.2	1.110	7.70	0.19	19.6	-106.9	14	clear, no odor
1350	6.96	200	13.1	1.081	7.69	0.17	18.2	-108.9	14	"
1355	6.96	200	13.2	1.079	7.69	0.17	17.7	-109.1	14	"
1400	6.96	200	13.2	1.075	7.69	0.17	17.1	-109.7	14	"
1405	- Stable, disconnect from flow through cell, collect sample									

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

	13	1.075	7.7	0.2	17.1	-110

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP: ☒ PERISTALTIC ☐ SUBMERSIBLE ☐ BLADDER ☐ _____ ☐ WATTERA ☐ OTHER ☐ OTHER

DECON FLUIDS USED: ☒ LIQUINOX ☐ DEIONIZED WATER ☒ POTABLE WATER ☐ NITRIC ACID ☐ HEXANE ☐ METHANOL ☐ OTHER

TUBING/PUMP/BLADDER MATERIALS: ☒ SILICON TUBING ☐ TEFLON TUBING ☐ TEFLON LINED TUBING ☒ HDPE TUBING ☐ LDPE TUBING ☐ OTHER ☐ OTHER

☐ S. STEEL PUMP MATERIAL ☐ PVC PUMP MATERIAL ☐ GEOPROBE SCREEN ☐ TEFLON BLADDER ☐ OTHER ☐ OTHER ☐ OTHER

EQUIPMENT USED: ☒ WL METER Solinst IF Meter ☒ PID MiniRae 3000 10.6eV ☒ WQ METER YSI Pro Quattro ☒ TURB. METER Hach 2100Q ☒ PUMP Geopump ☐ OTHER ☐ FILTERS NO. ___ TYPE ___

ANALYTICAL PARAMETERS

	PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
X	See Chain of Custody							

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: ☒ YES ☐ NO

NO-PURGE METHOD UTILIZED: ☐ YES ☒ NO

NUMBER OF GALLONS GENERATED: 2.9

If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

SKETCH/NOTES

*exposed

Sampler Signature: K. Olley Print Name: Kevin Murphy

Checked By: Date: 1/5/22

TRC

LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME: NYSDEC - SOH	
PROJECT NUMBER: 386554	
SAMPLE ID: SOH-MW-08	SAMPLE TIME: 1510

LOCATION ID: SOH-MW-08	DATE: 1/5/22
START TIME: 1415	END TIME: 1515
SITE NAME/NUMBER: SOH	PAGE: 1 OF 1

WELL DIAMETER (INCHES): ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ 8 ☐ OTHER

TUBING ID (INCHES): ☐ 1/8 ☐ 1/4 ☐ 3/8 ☐ 1/2 ☐ 5/8 ☒ OTHER 0.17 in

MEASUREMENT POINT (MP): ☐ TOP OF RISER (TOR) ☒ TOP OF CASING (TOC) ☐ OTHER

WELL INTEGRITY

	YES	NO	N/A
CAP	X	—	—
CASING	X	—	—
LOCKED	—	X	—
COLLAR	—	X	—

INITIAL DTW (BMP)	5.01 FT	FINAL DTW (BMP)	6.01 FT	PROT. CASING STICKUP (AGS)	flush FT	TOC/TOR DIFFERENCE	– FT
WELL DEPTH (BMP)	22.26 FT	SCREEN LENGTH	10 FT	PID AMBIENT AIR	0.0 PPM	REFILL TIMER SETTING	– SEC
WATER COLUMN	17.25 FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041)	0.164 GAL	PID WELL MOUTH	0.0 PPM	DISCHARGE TIMER SETTING	– SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	2.83 GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL)	2.08 GAL	DRAWDOWN/ TOTAL PURGED	–	PRESSURE TO PUMP	– PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O_2 (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1425	BEGIN PURGING									
1435	5.81	200	13.2	1.248	7.45	1.74	26.1	26.7	18	clear, no odor
1445	6.01	200	13.2	1.250	7.44	1.71	18.1	50.8	18	"
1455	6.01	200	13.0	1.252	7.44	1.71	17.8	65.9	18	"
1500	6.01	200	13.0	1.253	7.43	1.70	17.2	67.3	18	"
1505	6.01	200	12.9	1.253	7.43	1.69	17.0	69.2	18	"
1510	– Stable, disconnect from flow through cell, collect sample									

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

	13	1.253	7.4	1.7	17.0	69

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- ☒ PERISTALTIC
- ☐ SUBMERSIBLE
- ☐ BLADDER
- ☐ WATTERA
- ☐ OTHER
- ☐ OTHER

DECON FLUIDS USED
- ☒ LIQUINOX
- ☐ DEIONIZED WATER
- ☒ POTABLE WATER
- ☐ NITRIC ACID
- ☐ HEXANE
- ☐ METHANOL
- ☐ OTHER

TUBING/PUMP/BLADDER MATERIALS
- ☒ SILICON TUBING
- ☐ TEFLON TUBING
- ☐ TEFLON LINED TUBING
- ☒ HDPE TUBING
- ☐ LDPE TUBING
- ☐ OTHER
- ☐ OTHER
- ☐ S. STEEL PUMP MATERIAL
- ☐ PVC PUMP MATERIAL
- ☐ GEOPROBE SCREEN
- ☐ TEFLON BLADDER
- ☐ OTHER
- ☐ OTHER
- ☐ OTHER

EQUIPMENT USED
- ☒ WL METER Solinst IF Meter
- ☒ PID MiniRae 3000 10.6eV
- ☒ WQ METER YSI Pro Quattro
- ☒ TURB. METER Hach 2100Q
- ☒ PUMP Geopump
- ☐ OTHER
- ☐ FILTERS NO. ___ TYPE

ANALYTICAL PARAMETERS

	PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
X	See Chain of Custody							

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: ☒ YES ☐ NO

NUMBER OF GALLONS GENERATED: 2 gal

NO-PURGE METHOD UTILIZED: ☐ YES ☒ NO

If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

Sampler Signature: [signature] Print Name: Kevin Murphy

Checked By: Date: 1/5/22

SKETCH/NOTES

LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME: NYSDEC - SOH	
PROJECT NUMBER: 386554	
SAMPLE ID: SOH-MW-09	SAMPLE TIME: 1600

LOCATION ID: SOH-MW-09	DATE: 1/5/22
START TIME: 1515	END TIME: 1605
SITE NAME/NUMBER: SOH	PAGE: 1 OF 1

WELL DIAMETER (INCHES): [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] 8 [ ] OTHER

TUBING ID (INCHES): [ ] 1/8 [ ] 1/4 [ ] 3/8 [ ] 1/2 [ ] 5/8 [X] OTHER 0.17

MEASUREMENT POINT (MP): [ ] TOP OF RISER (TOR) [X] TOP OF CASING (TOC) [ ] OTHER

WELL INTEGRITY

	YES	NO	N/A
CAP	✓		
CASING	✓		
LOCKED		X	
COLLAR		X	

INITIAL DTW (BMP)	6.51 FT	FINAL DTW (BMP)	7.41 FT	PROT. CASING STICKUP (AGS)	Flush mount FT	TOC/TOR DIFFERENCE	– FT
WELL DEPTH (BMP)	18.56 FT	SCREEN LENGTH	10 FT	PID AMBIENT AIR	0.0 PPM	REFILL TIMER SETTING	– SEC
WATER COLUMN	12.05 FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041)	0.15 GAL	PID WELL MOUTH	0.0 PPM	DISCHARGE TIMER SETTING	– SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	1.97 GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL)	2.08 GAL	DRAWDOWN/ TOTAL PURGED	–	PRESSURE TO PUMP	– PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O_2 (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1515	BEGIN PURGING									
1525	7.41	200	13.3	1.741	7.59	0.11	22.6	92.6	13	clear, no odor
1535	7.41	200	12.6	1.768	7.58	0.27	22.1	86.8	13	"
1545	7.41	200	12.8	1.742	7.59	0.28	22.0	79.2	13	"
1550	7.41	200	12.8	1.740	7.59	0.27	22.0	77.9	13	"
1555	7.41	200	12.8	1.739	7.59	0.27	22.1	76.6	13	"
1600 – Stable, disconnect from flow through cell, collect sample										

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

	13	1.739	7.6	0.3	22.1	77

TEMP: nearest degree (ex. 10.1 = 10)
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] BLADDER
- [ ] WATTERA
- [ ] OTHER
- [ ] OTHER

DECON FLUIDS USED
- [X] LIQUINOX
- [ ] DEIONIZED WATER
- [X] POTABLE WATER
- [ ] NITRIC ACID
- [ ] HEXANE
- [ ] METHANOL
- [ ] OTHER

TUBING/PUMP/BLADDER MATERIALS
- [X] SILICON TUBING
- [ ] TEFLON TUBING
- [ ] TEFLON LINED TUBING
- [X] HDPE TUBING
- [ ] LDPE TUBING
- [ ] OTHER
- [ ] OTHER

- [ ] S. STEEL PUMP MATERIAL
- [ ] PVC PUMP MATERIAL
- [ ] GEOPROBE SCREEN
- [ ] TEFLON BLADDER
- [ ] OTHER
- [ ] OTHER
- [ ] OTHER

EQUIPMENT USED
- [X] WL METER Solinst IF Meter
- [X] PID Mini Rae 3000 10.6eV
- [X] WQ METER YSI Pro Quatro
- [X] TURB. METER Hach 2100
- [X] PUMP Geopump
- [ ] OTHER
- [ ] FILTERS NO. ___ TYPE

ANALYTICAL PARAMETERS

	PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
X	See Chain of Custody							

PURGE OBSERVATIONS

	YES	NO
PURGE WATER CONTAINERIZED	X	
NO-PURGE METHOD UTILIZED		X

NUMBER OF GALLONS GENERATED: 2 gal

If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

SKETCH/NOTES

Sampler Signature: K O'Murphy Print Name: Kevin Murphy

Checked By: Date: 1/5/22

TRC

LOW FLOW GROUNDWATER SAMPLING RECORD

10 Maxwell Drive, Suite 200, Clifton Park, NY 12065

LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME: NYSDEC - SOH	
PROJECT NUMBER: 386554	
SAMPLE ID: SOH-MW-10	SAMPLE TIME: 1115

LOCATION ID: SOH-MW-10	DATE: 1/6/22
START TIME: 1030	END TIME: 1120
SITE NAME/NUMBER: SOH	PAGE: 1 OF 1

WELL DIAMETER (INCHES): ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ 8 ☐ OTHER

TUBING ID (INCHES): ☐ 1/8 ☐ 1/4 ☐ 3/8 ☐ 1/2 ☐ 5/8 ☒ OTHER 0.17

MEASUREMENT POINT (MP): ☐ TOP OF RISER (TOR) ☒ TOP OF CASING (TOC) ☐ OTHER

WELL INTEGRITY

	YES	NO	N/A
CAP	X		
CASING	X		
LOCKED		X	
COLLAR		X	

INITIAL DTW (BMP)	0.60 FT	FINAL DTW (BMP)	3.67 FT	PROT. CASING STICKUP (AGS)	flush FT	TOC/TOR DIFFERENCE	– FT
WELL DEPTH (BMP)	19.76 FT	SCREEN LENGTH	10 FT	PID AMBIENT AIR	0.0 PPM	REFILL TIMER SETTING	– SEC
WATER COLUMN	19.16 FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041)	0.50 GAL	PID WELL MOUTH	0.9 PPM	DISCHARGE TIMER SETTING	– SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	3.14 GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL)	1.82 GAL	DRAWDOWN/ TOTAL PURGED	~	PRESSURE TO PUMP	– PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O_2 (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1035	BEGIN PURGING									
1045	1.0	200	10.5	0.962	7.98	0.13	20.3	-135.7	14	clear, slight odor
1055	3.57	200	10.3	0.957	7.97	0.12	17.2	-144.8	14	"
1105	3.61	200	10.4	0.954	7.95	0.11	16.7	-146.9	14	"
1110	3.64	200	10.7	0.963	7.97	0.11	16.5	-151.1	14	"
1115 – Stable, disconect from flow through cell, collect sample										

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

	11	0.963	8.0	0.1	16.5	-150

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- ☒ PERISTALTIC
- ☐ SUBMERSIBLE
- ☐ BLADDER
- ☐ WATTERA
- ☐ OTHER
- ☐ OTHER

DECON FLUIDS USED
- ☒ LIQUINOX
- ☐ DEIONIZED WATER
- ☒ POTABLE WATER
- ☐ NITRIC ACID
- ☐ HEXANE
- ☐ METHANOL
- ☐ OTHER

TUBING/PUMP/BLADDER MATERIALS
- ☒ SILICON TUBING
- ☐ TEFLON TUBING
- ☐ TEFLON LINED TUBING
- ☒ HDPE TUBING
- ☐ LDPE TUBING
- ☐ OTHER
- ☐ OTHER

- ☐ S. STEEL PUMP MATERIAL
- ☐ PVC PUMP MATERIAL
- ☐ GEOPROBE SCREEN
- ☐ TEFLON BLADDER
- ☐ OTHER
- ☐ OTHER
- ☐ OTHER

EQUIPMENT USED
- ☒ WL METER Solinst Interface Meter
- ☒ PID MiniRae 3000 10.6eV
- ☒ WQ METER YSI Pro Quattro
- ☒ TURB. METER Hach 2100Q
- ☒ PUMP Geopump
- ☐ OTHER
- ☐ FILTERS NO. ___ TYPE ___

ANALYTICAL PARAMETERS

	PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
X	See Chain of Custody						DUP	Time
							SOH-DUP-1	0700

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: ☒ YES ☐ NO

NO-PURGE METHOD UTILIZED: ☐ YES ☒ NO

NUMBER OF GALLONS GENERATED: 1.75

If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

SKETCH/NOTES

Sampler Signature: [signature] Print Name: Kevin Murphy

Checked By: Date: 1/6/22

TRC

LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME: NYSDEC-SOH	LOCATION ID: B1-PZ-03
PROJECT NUMBER: 386554	START TIME: 1210
SAMPLE ID: SOH-B1-PZ-03	SAMPLE TIME: 1310
	SITE NAME/NUMBER: SOH
	DATE: 1/6/22
	END TIME: 1315
	PAGE: 1 OF 1

WELL DIAMETER (INCHES): [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] 8 [ ] OTHER

TUBING ID (INCHES): [ ] 1/8 [ ] 1/4 [ ] 3/8 [ ] 1/2 [ ] 5/8 [X] OTHER 0.17in

MEASUREMENT POINT (MP): [ ] TOP OF RISER (TOR) [X] TOP OF CASING (TOC) [ ] OTHER

WELL INTEGRITY

	YES	NO	N/A
CAP	X		
CASING	X		
LOCKED		X	
COLLAR		X	

INITIAL DTW (BMP)	7.59 FT	FINAL DTW (BMP)	8.20 FT	PROT. CASING STICKUP (AGS)	1.2 FT	TOC/TOR DIFFERENCE	— FT
WELL DEPTH (BMP)	22.46 FT	SCREEN LENGTH	10* FT	PID AMBIENT AIR	0.0 PPM	REFILL TIMER SETTING	— SEC
WATER COLUMN	14.87 FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041)	0.10 GAL	PID WELL MOUTH	0.0 PPM	DISCHARGE TIMER SETTING	— SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	2.43 GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL)	2.08 GAL	DRAWDOWN/ TOTAL PURGED	—	PRESSURE TO PUMP	— PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O_2 (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1225	BEGIN PURGING									
1235	8.01	200	8.4	0.711	7.32	4.92	20.5	44.7	17	clear, no odor
1245	8.14	200	8.6	0.713	7.30	4.93	17.0	55.8	17	"
1255	8.19	200	8.7	0.710	7.28	4.78	16.8	66.7	17	"
1300	8.20	200	8.7	0.712	7.27	4.75	16.7	69.2	17	"
1305	8.20	200	8.8	0.713	7.26	4.71	16.6	72.4	17	"
1310	~~8.20~~ KM	Stable, disconnect from flowthrough cell, collect sample								

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

	9	0.713	7.3	4.7	16.6	72

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] BLADDER
- [ ] WATTERA
- [ ] OTHER
- [ ] OTHER

DECON FLUIDS USED
- [X] LIQUINOX
- [ ] DEIONIZED WATER
- [X] POTABLE WATER
- [ ] NITRIC ACID
- [ ] HEXANE
- [ ] METHANOL
- [ ] OTHER

TUBING/PUMP/BLADDER MATERIALS
- [X] SILICON TUBING
- [ ] TEFLON TUBING
- [ ] TEFLON LINED TUBING
- [X] HDPE TUBING
- [ ] LDPE TUBING
- [ ] OTHER
- [ ] OTHER

- [ ] S. STEEL PUMP MATERIAL
- [ ] PVC PUMP MATERIAL
- [ ] GEOPROBE SCREEN
- [ ] TEFLON BLADDER
- [ ] OTHER
- [ ] OTHER
- [ ] OTHER

EQUIPMENT USED
- [X] WL METER Solinst Interface Meter
- [X] PID MiniRae 3000 10.6eV
- [X] WQ METER YSI Pro Quattro
- [X] TURB. METER Hach 2000Q
- [X] PUMP Geopump
- [ ] OTHER
- [ ] FILTERS NO. ___ TYPE

ANALYTICAL PARAMETERS

	PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
X	See Chain of Custody							

PURGE OBSERVATIONS

	YES	NO
PURGE WATER CONTAINERIZED	X	
NO-PURGE METHOD UTILIZED		X

NUMBER OF GALLONS GENERATED: 2 gal

If yes, purged approximately 1 standing volume prior to sampling or _____mL for this sample location.

SKETCH/NOTES

* reported

Sampler Signature: KMurphy Print Name: Kevin Murphy

Checked By: Date: 1/6/22

TRC

LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME: NYSDEC-SOH		LOCATION ID: MW-05	DATE: 1/6/22
PROJECT NUMBER: 386554		START TIME: 1330	END TIME: 1440
SAMPLE ID: SOH-MW-05	SAMPLE TIME: 1435	SITE NAME/NUMBER: SOH	PAGE: 1 OF 1

WELL DIAMETER (INCHES): ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ 8 ☐ OTHER

TUBING ID (INCHES): ☐ 1/8 ☐ 1/4 ☐ 3/8 ☐ 1/2 ☐ 5/8 ☒ OTHER 0.17in

MEASUREMENT POINT (MP): ☐ TOP OF RISER (TOR) ☒ TOP OF CASING (TOC) ☐ OTHER

WELL INTEGRITY

	YES	NO	N/A
CAP	—	X	—
CASING	X	—	—
LOCKED	—	X	—
COLLAR	—	X	—

INITIAL DTW (BMP)	5.90 FT	FINAL DTW (BMP)	6.14 FT	PROT. CASING STICKUP (AGS)	flush FT	TOC/TOR DIFFERENCE	— FT
WELL DEPTH (BMP)	16.44 FT	SCREEN LENGTH	10 FT	PID AMBIENT AIR	0.0 PPM	REFILL TIMER SETTING	— SEC
WATER COLUMN	10.54 FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041)	0.04 GAL	PID WELL MOUTH	10.7 PPM	DISCHARGE TIMER SETTING	— SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	1.73 GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL)	2.6 GAL	DRAWDOWN/ TOTAL PURGED	—	PRESSURE TO PUMP	— PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O_2 (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1340	BEGIN PURGING									
1350	6.14	200	9.5	0.903	9.07	4.23	47.2	-56.1	12	clear, no odor
1400	6.14	200	10.1	1.035	7.60	1.25	25.2	-53.5	12	"
1410	6.14	200	10.0	1.053	7.46	0.74	14.6	-49.9	12	"
1420	6.14	200	10.2	1.060	7.41	0.45	13.1	-49.5	12	"
1425	6.14	200	10.3	1.064	7.41	0.43	13.1	-49.5	12	"
1430	6.14	200	10.2	1.068	7.40	0.46	13.7	-49.6	12	"
1435 - Stable, disconnect from flow through cell, collect sample										

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

	10	1.068	7.4	0.5	13.7	-50

TEMP: nearest degree (ex. 10.1 = 10)
COND: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- ☒ PERISTALTIC
- ☐ SUBMERSIBLE
- ☐ BLADDER
- ☐ WATTERA
- ☐ OTHER
- ☐ OTHER

DECON FLUIDS USED
- ☒ LIQUINOX
- ☐ DEIONIZED WATER
- ☒ POTABLE WATER
- ☐ NITRIC ACID
- ☐ HEXANE
- ☐ METHANOL
- ☐ OTHER

TUBING/PUMP/BLADDER MATERIALS
- ☒ SILICON TUBING
- ☐ TEFLON TUBING
- ☐ TEFLON LINED TUBING
- ☒ HDPE TUBING
- ☐ LDPE TUBING
- ☐ OTHER
- ☐ OTHER

- ☐ S. STEEL PUMP MATERIAL
- ☐ PVC PUMP MATERIAL
- ☐ GEOPROBE SCREEN
- ☐ TEFLON BLADDER
- ☐ OTHER
- ☐ OTHER
- ☐ OTHER

EQUIPMENT USED
- ☒ WL METER Solinst Lowfloe Model
- ☒ PID MiniRae 3000 10.6eV
- ☒ WQ METER YSI Pro Quatro
- ☒ TURB. METER Hach 2100Q
- ☒ PUMP Geopump
- ☐ OTHER
- ☐ FILTERS NO ___ TYPE

ANALYTICAL PARAMETERS

	PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
X	See Chain of Custody							

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: ☒ YES ☐ NO

NUMBER OF GALLONS GENERATED: 2.5

NO-PURGE METHOD UTILIZED: ☐ YES ☒ NO

If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

SKETCH/NOTES

* reported

Sampler Signature: K. Murphy Print Name: Kevin Murphy

Checked By: Date: 1/6/22

LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME: NYSDEC - SOH	
PROJECT NUMBER: 386554	
SAMPLE ID: SOH-URS-02	SAMPLE TIME: 1005 1/7/22

LOCATION ID: URS-02	DATE: 1/6/22 - 1/7/22
START TIME: 1450	END TIME: 1610
SITE NAME/NUMBER: SOH	PAGE: 1 OF 1

WELL DIAMETER (INCHES): [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] 8 [ ] OTHER

TUBING ID (INCHES): [ ] 1/8 [ ] 1/4 [ ] 3/8 [ ] 1/2 [ ] 5/8 [X] OTHER 0.17in

MEASUREMENT POINT (MP): [ ] TOP OF RISER (TOR) [ ] TOP OF CASING (TOC) [ ] OTHER

WELL INTEGRITY

	YES	NO	N/A
CAP	•		
CASING	X		
LOCKED		X	
COLLAR		X	

INITIAL DTW (BMP)	3.82 FT	FINAL DTW (BMP)	14.79 FT (purged dry)	PROT. CASING STICKUP (AGS)	flush FT	TOC/TOR DIFFERENCE	— FT
WELL DEPTH (BMP)	14.79 FT	SCREEN LENGTH	5* FT	PID AMBIENT AIR	0.0 PPM	REFILL TIMER SETTING	— SEC
WATER COLUMN	10.97 FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041)	1.79 GAL	PID WELL MOUTH	0.1 PPM	DISCHARGE TIMER SETTING	— SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	1.79 GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL)	purged dry after 3 GAL	DRAWDOWN/ TOTAL PURGED	—	PRESSURE TO PUMP	— PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O_2 (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1455	BEGIN PURGING									
1505	6.52	200	9.9	0.238	9.05	10.50	34.2	-40.8	12	clear, no odor
1515	7.09	200	9.7	0.238	9.01	10.46	34.6	-17.3	12	"
1525	7.38	200	9.9	0.242	8.96	10.22	33.5	-3.0	12	"
1535	7.71	200	10.1	0.248	8.87	9.95	34.0	7.7	12	"
1545	8.01	200	9.8	0.265	8.66	9.91	33.9	21.0	12	"
* drawdown not stabilizing - purge well dry, will return to sample tomorrow AM *										
1000	3.82	—	10.1	1.123	7.71	3.11	25.4	108.6	12	100% Recharge
1005 - Sample										

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

	10	1.123	7.7	3.1	25.4	110

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] BLADDER
- [ ] WATTERA
- [ ] OTHER
- [ ] OTHER

DECON FLUIDS USED
- [X] LIQUINOX
- [ ] DEIONIZED WATER
- [X] POTABLE WATER
- [ ] NITRIC ACID
- [ ] HEXANE
- [ ] METHANOL
- [ ] OTHER

TUBING/PUMP/BLADDER MATERIALS
- [X] SILICON TUBING
- [ ] TEFLON TUBING
- [ ] TEFLON LINED TUBING
- [X] HDPE TUBING
- [ ] LDPE TUBING
- [ ] OTHER
- [ ] OTHER

- [ ] S. STEEL PUMP MATERIAL
- [ ] PVC PUMP MATERIAL
- [ ] GEOPROBE SCREEN
- [ ] TEFLON BLADDER
- [ ] OTHER
- [ ] OTHER
- [ ] OTHER

EQUIPMENT USED
- [X] WL METER Solinst Interface Meter
- [X] PID MiniRae 3000 10.6eV
- [X] WQ METER YSI Pro Quattro
- [X] TURB. METER Hach 2100Q
- [X] PUMP Geopump
- [ ] OTHER
- [ ] FILTERS NO. ___ TYPE ___

ANALYTICAL PARAMETERS

X	PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
X	See Chain of Custody							

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NO-PURGE METHOD UTILIZED: YES [ ] NO [X]

NUMBER OF GALLONS GENERATED: 3 gal

If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

Sampler Signature: [signature] Print Name: Kevin Murphy

Checked By: Date: 1/7/22

SKETCH/NOTES

* reported

LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME: NYSDEC-SOH	
PROJECT NUMBER: 386554	
SAMPLE ID: SOH-OW-35	SAMPLE TIME: 1235

LOCATION ID: OW-35	DATE: 1/7/22
START TIME: 1030	END TIME: 1240
SITE NAME/NUMBER: SOH	PAGE: 1 OF 1

WELL DIAMETER (INCHES): ☐ 1 ☐ 2 ☒ 4 ☐ 6 ☐ 8 ☐ OTHER

TUBING ID (INCHES): ☐ 1/8 ☐ 1/4 ☐ 3/8 ☐ 1/2 ☐ 5/8 ☒ OTHER 0.17

MEASUREMENT POINT (MP): ☐ TOP OF RISER (TOR) ☒ TOP OF CASING (TOC) ☐ OTHER

WELL INTEGRITY

	YES	NO	N/A
CAP	X	—	—
CASING	X	—	—
LOCKED	X	—	—
COLLAR	—	X	—

INITIAL DTW (BMP)	6.58 FT	FINAL DTW (BMP)	7.31 FT	PROT. CASING STICKUP (AGS)	1 FT	TOC/TOR DIFFERENCE	— FT
WELL DEPTH (BMP)	25.21 FT	SCREEN LENGTH	10* FT	PID AMBIENT AIR	0.0 PPM	REFILL TIMER SETTING	— SEC
WATER COLUMN	18.63 FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041)	0.48 GAL	PID WELL MOUTH	2.8 PPM	DISCHARGE TIMER SETTING	— SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	12.22 GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL)	4.16 GAL	DRAWDOWN/ TOTAL PURGED	—	PRESSURE TO PUMP	— PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O_2 (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1115	BEGIN PURGING									
1125	7.31	200	8.1	0.795	8.94	1.72	23.2	70.4	21	clear, no odor
1135	7.31	200	8.2	0.789	9.01	1.01	22.5	61.6	21	"
1145	7.31	200	8.4	0.787	8.99	0.49	22.3	27.1	21	"
1150	7.31	200	8.9	0.788	8.98	0.38	22.7	-2.7	21	"
1155	7.31	200	9.3	0.788	8.98	0.34	23.1	-11.1	21	"
1205	7.31	200	9.0	0.794	8.94	0.23	22.9	-24.4	21	"
1215	7.31	200	8.3	0.791	8.93	0.29	23.1	-66.5	21	"
1220	7.31	200	8.7	0.792	8.93	0.30	22.7	-72.5	21	"
1225	7.31	200	8.3	0.792	8.94	0.29	22.9	-75.1	21	"
1230	7.31	200	8.4	0.792	8.93	0.27	22.8	-79.6	21	"
1235	7.31 KM	Stable, discard from flow through cell, collect sample								

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

8	0.792	8.9	0.3	22.8	80	

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- ☒ PERISTALTIC
- ☐ SUBMERSIBLE
- ☐ BLADDER
- ☐ WATTERA
- ☐ OTHER
- ☐ OTHER

DECON FLUIDS USED
- ☒ LIQUINOX
- ☐ DEIONIZED WATER
- ☒ POTABLE WATER
- ☐ NITRIC ACID
- ☐ HEXANE
- ☐ METHANOL
- ☐ OTHER

TUBING/PUMP/BLADDER MATERIALS
- ☒ SILICON TUBING
- ☐ TEFLON TUBING
- ☐ TEFLON LINED TUBING
- ☒ HDPE TUBING
- ☐ LDPE TUBING
- ☐ OTHER
- ☐ OTHER
- ☐ S. STEEL PUMP MATERIAL
- ☐ PVC PUMP MATERIAL
- ☐ GEOPROBE SCREEN
- ☐ TEFLON BLADDER
- ☐ OTHER
- ☐ OTHER
- ☐ OTHER

EQUIPMENT USED
- ☒ WL METER Solinst Interface Meter
- ☒ PID MiniRae 3000 10.6eV
- ☒ WQ METER YSI Pro Quatro
- ☒ TURB. METER iTech 21000
- ☒ PUMP Geopump
- ☐ OTHER
- ☐ FILTERS NO. ___ TYPE ___

ANALYTICAL PARAMETERS

	PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
X	See Chain of Custody							

PURGE OBSERVATIONS

	YES	NO
PURGE WATER CONTAINERIZED	☒	☐
NO-PURGE METHOD UTILIZED	☐	☒

NUMBER OF GALLONS GENERATED: 4 gal

If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

SKETCH/NOTES

*reported

Sampler Signature: K. O'Murphy Print Name: Kevin Murphy

Checked By: Date: 1/7/22

LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME: NYSDEC-SOH	LOCATION ID: URS-09
PROJECT NUMBER: 386554	START TIME: 1245
SAMPLE ID: SOH-URS-09	SAMPLE TIME: 1355
SITE NAME/NUMBER: SOH	DATE: 1/7/22
	END TIME: 1400
	PAGE: 1 OF 1

WELL DIAMETER (INCHES): [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] 8 [ ] OTHER

TUBING ID (INCHES): [ ] 1/8 [ ] 1/4 [ ] 3/8 [ ] 1/2 [ ] 5/8 [X] OTHER 0.17m

MEASUREMENT POINT (MP): [ ] TOP OF RISER (TOR) [X] TOP OF CASING (TOC) [ ] OTHER

WELL INTEGRITY

	YES	NO	N/A
CAP	X		
CASING	X		
LOCKED		X	
COLLAR		X	

INITIAL DTW (BMP)	5.50 FT	FINAL DTW (BMP)	9.23 FT	PROT. CASING STICKUP (AGS)	.3 FT	TOC/TOR DIFFERENCE	– FT
WELL DEPTH (BMP)	17.39 FT	SCREEN LENGTH	10* FT	PID AMBIENT AIR	0.0 PPM	REFILL TIMER SETTING	– SEC
WATER COLUMN	11.89 FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041)	0.61 GAL	PID WELL MOUTH	0.2 PPM	DISCHARGE TIMER SETTING	– SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	1.94 GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL)	2.86 GAL	DRAWDOWN/ TOTAL PURGED	–	PRESSURE TO PUMP	– PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O_2 (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1255	BEGIN PURGING									
1305	8.43	200	8.0	0.808	7.83	0.19	151	-80.0	13	clear/yellow tint; no odor
1315	9.04	200	8.2	0.813	7.83	0.10	119	-94.5	13	"
1325	9.23	200	8.2	0.822	7.88	0.10	80.8	-113.8	13	"
1335	9.23	200	7.1	0.823	7.87	0.11	61.3	-119.9	13	"
1340	9.23	200	7.6	0.819	7.88	0.10	48.1	-125.2	13	"
1345	9.23	200	7.5	0.819	7.88	0.10	46.7	-128.9	13	"
1350	9.23	200	7.5	0.818	7.88	0.10	44.9	-131.8	13	"
1355 – Stable, disconnect from flow through cell, collect sample										

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

8	0.818	7.9	0.1	44.9	-130	

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] BLADDER
- [ ] _____
- [ ] WATTERA
- [ ] OTHER _____
- [ ] OTHER _____

DECON FLUIDS USED
- [X] LIQUINOX
- [ ] DEIONIZED WATER
- [ ] POTABLE WATER
- [ ] NITRIC ACID
- [ ] HEXANE
- [ ] METHANOL
- [ ] OTHER _____

TUBING/PUMP/BLADDER MATERIALS
- [X] SILICON TUBING
- [ ] TEFLON TUBING
- [ ] TEFLON LINED TUBING
- [X] HDPE TUBING
- [ ] LDPE TUBING
- [ ] OTHER _____
- [ ] OTHER _____

- [ ] S. STEEL PUMP MATERIAL
- [ ] PVC PUMP MATERIAL
- [ ] GEOPROBE SCREEN
- [ ] TEFLON BLADDER
- [ ] OTHER _____
- [ ] OTHER _____
- [ ] OTHER _____

EQUIPMENT USED
- [X] WL METER Solinst Interface Meter
- [X] PID Mini Rae 3000 10.6eV
- [X] WQ METER YSI Pro Quattro
- [X] TURB. METER Hach 2100Q
- [X] PUMP Geopump
- [ ] OTHER _____
- [ ] FILTERS NO. ___ TYPE _____

ANALYTICAL PARAMETERS

	PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
X	See Chain of Custody							

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NO-PURGE METHOD UTILIZED: YES [ ] NO [X]

NUMBER OF GALLONS GENERATED: 2.75 gal

If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

SKETCH/NOTES

* reported

Sampler Signature: [signature] Print Name: Kevin Murphy

Checked By: Date: 1/7/22

LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME: NYSDEC - SOH		LOCATION ID: URS-08	DATE: 1/7/22
PROJECT NUMBER: 386554		START TIME: 1410	END TIME: 1455
SAMPLE ID: SOH-URS-08	SAMPLE TIME: 1450	SITE NAME/NUMBER: SOH	PAGE: 1 OF 1

WELL DIAMETER (INCHES): ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ 8 ☐ OTHER

TUBING ID (INCHES): ☐ 1/8 ☐ 1/4 ☐ 3/8 ☐ 1/2 ☐ 5/8 ☒ OTHER 0.17in

MEASUREMENT POINT (MP): ☐ TOP OF RISER (TOR) ☒ TOP OF CASING (TOC) ☐ OTHER

WELL INTEGRITY

	YES	NO	N/A
CAP	X		
CASING	X		
LOCKED		X	
COLLAR		X	

INITIAL DTW (BMP)	4.40 FT	FINAL DTW (BMP)	6.31 FT	PROT. CASING STICKUP (AGS)	3 FT	TOC/TOR DIFFERENCE	– FT
WELL DEPTH (BMP)	19.30 FT	SCREEN LENGTH	10* FT	PID AMBIENT AIR	0.0 PPM	REFILL TIMER SETTING	– SEC
WATER COLUMN	14.9 FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041)	0.31 GAL	PID WELL MOUTH	0.0 PPM	DISCHARGE TIMER SETTING	– SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	2.44 GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL)	1.82 GAL	DRAWDOWN/ TOTAL PURGED	–	PRESSURE TO PUMP	– PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O_2 (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1410	BEGIN PURGING									
1420	6.06	200	10.2	0.645	7.76	0.42	7.32	-14.4	15	clear, no odor
1430	6.31	200	10.1	0.646	7.75	0.32	3.63	-4.9	15	"
1440	6.31	200	10.1	0.646	7.75	0.30	2.10	-2.3	15	"
1445	6.31	200	10.0	0.647	7.74	0.30	2.01	-0.5	15	"
1450	Stable, disconnect flow through cell, collect sample									

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

10	0.647	7.7	0.30 EM	2.01	-0.5	

TEMP: nearest degree (ex. 10.1 = 10)
COND: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- ☒ PERISTALTIC
- ☐ SUBMERSIBLE
- ☐ BLADDER
- ☐ WATTERA
- ☐ OTHER
- ☐ OTHER

DECON FLUIDS USED
- ☒ LIQUINOX
- ☐ DEIONIZED WATER
- ☒ POTABLE WATER
- ☐ NITRIC ACID
- ☐ HEXANE
- ☐ METHANOL
- ☐ OTHER

TUBING/PUMP/BLADDER MATERIALS
- ☒ SILICON TUBING
- ☐ TEFLON TUBING
- ☐ TEFLON LINED TUBING
- ☒ HDPE TUBING
- ☐ LDPE TUBING
- ☐ OTHER
- ☐ OTHER

- ☐ S. STEEL PUMP MATERIAL
- ☐ PVC PUMP MATERIAL
- ☐ GEOPROBE SCREEN
- ☐ TEFLON BLADDER
- ☐ OTHER
- ☐ OTHER
- ☐ OTHER

EQUIPMENT USED
- ☒ WL METER Solinst Interface Meter
- ☒ PID Mini Rae 3000 10.6eV
- ☒ WQ METER YSI Pro Quatro
- ☒ TURB. METER Hach 2100Q
- ☒ PUMP Geopump
- ☐ OTHER
- ☐ FILTERS NO. ___ TYPE ___

ANALYTICAL PARAMETERS

	PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
X	See Chain of Custody							

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: ☒ YES ☐ NO

NUMBER OF GALLONS GENERATED: 1.75 gal

NO-PURGE METHOD UTILIZED: ☐ YES ☒ NO

If yes, purged approximately 1 standing volume prior to sampling or _____mL for this sample location.

SKETCH/NOTES

* reported

Sampler Signature: Kevin Murphy Print Name: Kevin Murphy

Checked By: Date: 1/7/22

LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME: NYSDEC - SOH	
PROJECT NUMBER: 386554	
SAMPLE ID: SOH-B4-PZ-01	SAMPLE TIME: 1540

LOCATION ID: B4-PZ-01	DATE: 1/7/22
START TIME: 1500	END TIME: 1545
SITE NAME/NUMBER: SOH	PAGE: 1 OF 1

WELL DIAMETER (INCHES): ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ 8 ☐ OTHER

TUBING ID (INCHES): ☐ 1/8 ☐ 1/4 ☐ 3/8 ☐ 1/2 ☐ 5/8 ☒ OTHER 0.17 in

MEASUREMENT POINT (MP): ☐ TOP OF RISER (TOR) ☒ TOP OF CASING (TOC) ☐ OTHER

WELL INTEGRITY

	YES	NO	N/A
CAP	X		
CASING	X		
LOCKED	X		
COLLAR		X	

INITIAL DTW (BMP)	7.20 FT	FINAL DTW (BMP)	9.41 FT	PROT. CASING STICKUP (AGS)	3 FT	TOC/TOR DIFFERENCE	— FT
WELL DEPTH (BMP)	21.12 FT	SCREEN LENGTH	10* FT	PID AMBIENT AIR	0.0 PPM	REFILL TIMER SETTING	— SEC
WATER COLUMN	13.~~24~~ 92 FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041)	0.36 GAL	PID WELL MOUTH	0.7 PPM	DISCHARGE TIMER SETTING	— SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	2.28 GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL)	1.56 GAL	DRAWDOWN/ TOTAL PURGED	—	PRESSURE TO PUMP	— PSI

*Estimated

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O_2 (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1505	BEGIN PURGING									
1515	9.41	200	7.1	0.912	7.02	5.34	7.83	96.8	17	clear, no odor
1525	9.41	200	4.2	0.914	6.92	5.01	3.94	110.0	17	"
1530	9.41	200	4.0	0.917	6.91	4.97	4.24	113.9	17	"
1535	9.41	200	3.9	0.919	6.91	4.93	3.76	117.2	17	"
1540	stable, disconnect from flow through cell, collect sample									

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- ☒ PERISTALTIC
- ☐ SUBMERSIBLE
- ☐ BLADDER
- ☐ WATTERA
- ☐ OTHER
- ☐ OTHER

DECON FLUIDS USED
- ☒ LIQUINOX
- ☐ DEIONIZED WATER
- ☒ POTABLE WATER
- ☐ NITRIC ACID
- ☐ HEXANE
- ☐ METHANOL
- ☐ OTHER

TUBING/PUMP/BLADDER MATERIALS
- ☒ SILICON TUBING
- ☐ TEFLON TUBING
- ☐ TEFLON LINED TUBING
- ☒ HDPE TUBING
- ☐ LDPE TUBING
- ☐ OTHER
- ☐ OTHER
- ☐ S. STEEL PUMP MATERIAL
- ☐ PVC PUMP MATERIAL
- ☐ GEOPROBE SCREEN
- ☐ TEFLON BLADDER
- ☐ OTHER
- ☐ OTHER
- ☐ OTHER

EQUIPMENT USED
- ☒ WL METER Solinst Interface Meter
- ☒ PID MiniRae 3000 10.6eV
- ☒ WQ METER YSI Pro Quattro
- ☒ TURB. METER Hach 2100 Q
- ☒ PUMP Geopump
- ☐ OTHER
- ☐ FILTERS NO. ___ TYPE ___

ANALYTICAL PARAMETERS

	PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
X	See Chain of Custody							

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: ☒ YES ☐ NO

NUMBER OF GALLONS GENERATED: 1.5 gal

NO-PURGE METHOD UTILIZED: ☐ YES ☒ NO

If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

Sampler Signature: K. Murphy Print Name: Kevin Murphy

Checked By: Date: 1/7/22

SKETCH/NOTES

* Reported

LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME: Stuart O.H.	LOCATION ID: OW-65
PROJECT NUMBER:	START TIME: 1355
SAMPLE ID: SOH-OW-65	SAMPLE TIME: 1455
	SITE NAME/NUMBER: SOH
	DATE: 1/13/22
	END TIME: 1455
	PAGE: 1 OF 1

WELL DIAMETER (INCHES): ☐ 1 ☐ 2 ☒ 4 ☐ 6 ☐ 8 ☐ OTHER

TUBING ID (INCHES): ☐ 1/8 ☑ 1/4 ☐ 3/8 ☐ 1/2 ☐ 5/8 ☐ OTHER

MEASUREMENT POINT (MP): ☐ TOP OF RISER (TOR) ☐ TOP OF CASING (TOC) ☐ OTHER

INITIAL DTW (BMP)	6.38 FT	FINAL DTW (BMP)	7.97 FT
WELL DEPTH (BMP)	FT	SCREEN LENGTH	FT
WATER COLUMN	FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041)	GAL
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL)	GAL
PROT. CASING STICKUP (AGS)	FT		
PID AMBIENT AIR	PPM		
PID WELL MOUTH	PPM		
DRAWDOWN/ TOTAL PURGED			
TOC/TOR DIFFERENCE	FT		
REFILL TIMER SETTING	SEC		
DISCHARGE TIMER SETTING	SEC		
PRESSURE TO PUMP	PSI		

WELL INTEGRITY

	YES	NO	N/A
CAP		X	
CASING	✓		
LOCKED		✓	
COLLAR		✓	

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O_2 (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1355	BEGIN PURGING									
1405	6.69	250	9.3	782	8.24	0.70	180	-59.5		
1415	7.14	250	9.5	770	8.25	0.12	187	-127.8		
1420	7.34	250	9.0	770	8.14	0.05	172	-130		
1425	7.58	250	9.2	770	8.18	0.05	152	-140.8		
1430	7.71	250	9.2	772	8.23	0.04	149	-142.4		
1435	7.90	|	9.1	773	8.20	0.04	152	-142		
1440	7.97	|	9.2	773	8.19	0.06	146	-144.2		
		|								
		|								
		|								
		|								

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- ☑ PERISTALTIC
- ☐ SUBMERSIBLE
- ☐ BLADDER
- ☐ WATTERA
- ☐ OTHER
- ☐ OTHER

DECON FLUIDS USED
- ☑ LIQUINOX
- ☐ DEIONIZED WATER
- ☐ POTABLE WATER
- ☐ NITRIC ACID
- ☐ HEXANE
- ☐ METHANOL
- ☐ OTHER

TUBING/PUMP/BLADDER MATERIALS
- ☑ SILICON TUBING
- ☐ TEFLON TUBING
- ☐ TEFLON LINED TUBING
- ☐ HDPE TUBING
- ☑ LDPE TUBING
- ☐ OTHER
- ☐ OTHER
- ☐ S. STEEL PUMP MATERIAL
- ☐ PVC PUMP MATERIAL
- ☐ GEOPROBE SCREEN
- ☐ TEFLON BLADDER
- ☐ OTHER
- ☐ OTHER
- ☐ OTHER

EQUIPMENT USED
- ☐ WL METER
- ☐ PID
- ☐ WQ METER
- ☐ TURB. METER
- ☐ PUMP
- ☐ OTHER
- ☐ FILTERS NO. ___ TYPE

ANALYTICAL PARAMETERS

	PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
X	See Chain of Custody							

PURGE OBSERVATIONS

	YES	NO
PURGE WATER CONTAINERIZED	☑	☐
NO-PURGE METHOD UTILIZED	☐	☐

NUMBER OF GALLONS GENERATED

If yes, purged approximately 1 standing volume prior to sampling or _____mL for this sample location.

Sampler Signature: Caitlin Sorowk Print Name: Caitlin Sorowk

Checked By: Date: 1/13/22

SKETCH/NOTES

APPENDIX E

PRIVATE UTILITY SURVEY REPORT

GREENSTAR
Environmental Solutions, LLC

Greenstar Environmental Solutions, LLC
6 Gellatly Drive
Wappingers Falls, NY 12590

September 21, 2021

Jonathan Bone
Project Manager, TRC Engineering
215 Greenfield Parkway, Suite 102,
Liverpool, NY 13088

RE: GPR Letter Report, 39 Commerce Drive, Henrietta, New York

Dear Mr. Bone,

Greenstar Environmental Solutions, LLC (Greenstar) is pleased to present this letter report summarizing the ground penetrating radar (GPR) and Electromagnetic (EM) survey at 39 Commerce Dr., Henrietta, NY (subject property).

SITE AND PROJECT DESCRIPTION

Greenstar Environmental Solutions LLC (Greenstar) was contracted by TRC to conduct a GPR survey at 39 Commerce Drive, Henrietta, New York (subject property). The survey was completed on September 14, 2021 by Greenstar staff overseen by TRC staff. The objective of the survey was to scan for potential obstructions at 24 boring locations.

The GPR survey was completed using a GSSI 350 mHz antenna and receiver. GPR surveying is a nonintrusive, subsurface geophysical investigation technique that detects subsurface structures by transmitting electromagnetic waves from an antenna into the ground. The antenna then monitors the strength and time delay of the return signal. The return signal is then evaluated for any anomalies, which by their size, shape and orientation can be interpreted as voids, underground storage tanks, utility pipelines, soil-bedrock interface or areas of different sediment compaction. A radio frequency (RF) line locator was also used to identify subsurface utility lines based on the presence of 120 hertz signal (electric) and transmitted signals from the RF transmitter.

RESULTS

Soil Boring Work Area: TRC staff had marked potential boring locations prior to scanning with GPR and line locating equipment. Each boring location was scanned for power and radio signal and with GPR to assess if potential interferences with drilling may be present. Twenty-four locations were scanned and areas of approximately 10 ft by 10 ft around each boring was cleared for utilities. Boring locations, approximate cleared areas, and located utilities are shown on Figure 1. Two locations were moved slightly due to unknown interference or hard returns seen on the GPR unit which may indicate a subsurface obstruction. These locations were marked in orange paint in the field. One boring was directly in line with a storm drainpipe that was marked in green paint. One location on the north side of Commerce Drive was located in between a street light electric line and a water main line and was given a smaller clearance zone due to the proximity to two utilities. One boring location located in the parking lot to the east of the site was in line with a street light power line and moved approximately five feet by TRC staff. Markout results were discussed in the field with TRC staff.

Thank you for allowing Greenstar to assist TRC with this project. If you have any questions, please do not hesitate to contact me at (917) 655-5123 or via email at pnimmer@greenstarsolutions.com.

Sincerely,

GREENSTAR ENVIRONMENTAL SOLUTIONS, LLC

Pete Nimmer, PG, LSRP
Senior Geologist

Greenstar Environmental Solutions, LLC
6 Gellatly Drive
Wappingers Falls, NY 12590

Figure 1
Approximate Soil Boring Locations
39 Commerce Dr., Henrietta, NY



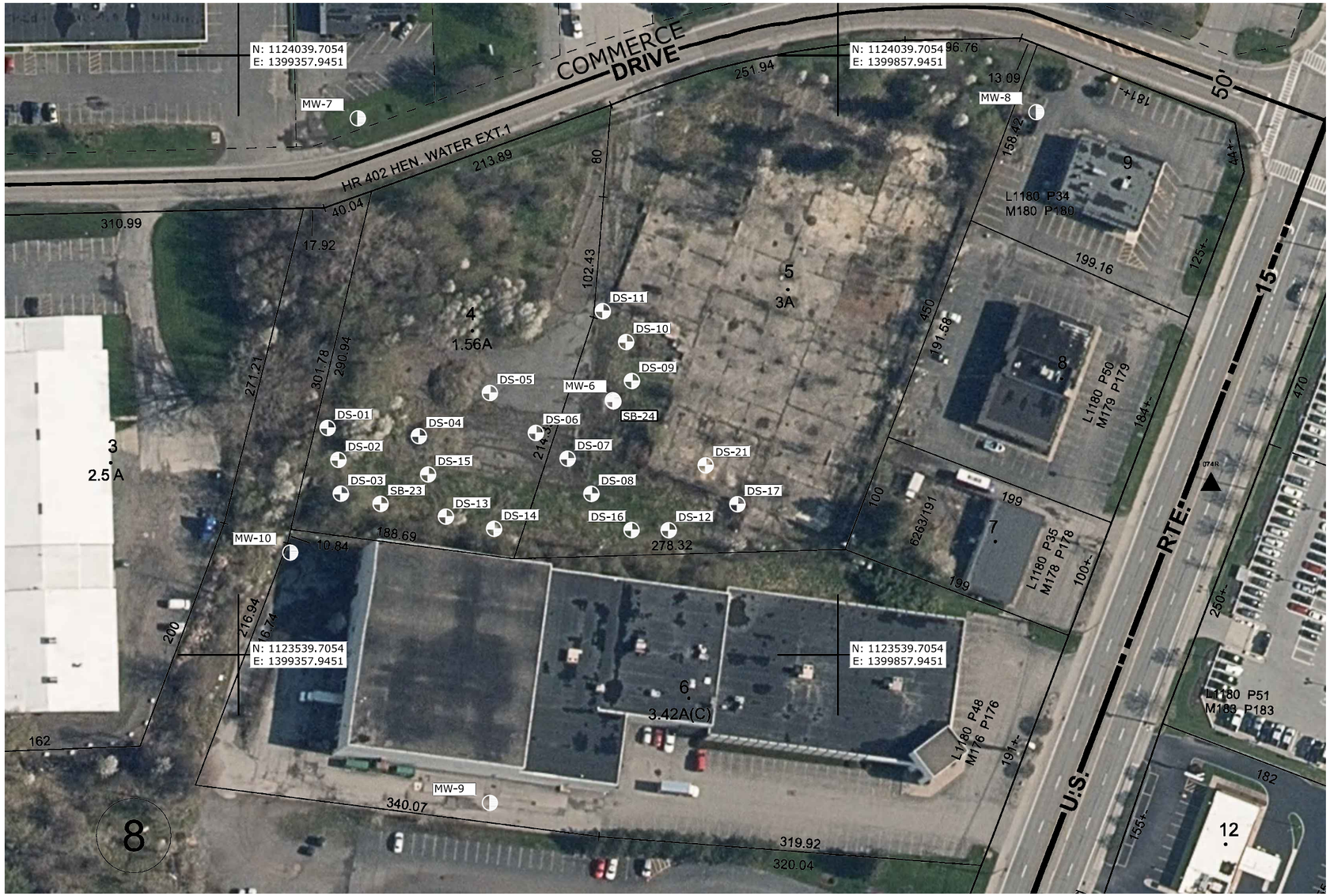
Legend:
- Electric
- Sewer/Drain
- Water
- Gas
- Communications

APPENDIX F

SITE SURVEY

XREFS: NONE

PROJECT NUMBER: 21.1392



NYS PLANE NAD 83 WESTERN ZONE

MAP NOTES

1.) NORTH ORIENTATION IS BASED ON THE WESTERN ZONE OF THE NYS PLANE COORDINATE SYSTEM (NAD83).

2.) VERTICAL DATUM BASED ON NAVD 88 DATUM.

3.) FIELD WORK PERFORMED DURING THE MONTH OF JANUARY 2022.

4.) BOUNDARY LINES SHOWN BASED ON TOWN OF HENRIETTA TAX MAP.

LEGEND

MW-08	MONITOR WELL
DS-01 / SB-23	SOIL BORING

"ONLY COPIES OF THIS MAP SIGNED IN RED INK AND EMBOSSED WITH THE SEAL OF AN OFFICER OF C.T. MALE ASSOCIATES OR A DESIGNATED REPRESENTATIVE SHALL BE CONSIDERED TO BE A VALID TRUE COPY".

BAR SCALE

100 0 50 100 200

1 inch = 100 ft.

DAVID J. UHRINEC, PLS
P.L.S. NO. 050052

STATE OF NEW YORK · DAVID JOSEPH UHRINEC · LICENSED LAND SURVEYOR · 050052

DATE		REVISIONS RECORD/DESCRIPTION	DRAFTED	CHECK	APPR.
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW.

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APPROVED : dju
DRAFTED : dju
CHECKED : dju
PROJ. NO : 21.1392
SCALE : 1"=100'
DATE : 01/06/2022

JANUARY 2022 SAMPLE LOCATION SURVEY
NYSDEC STUART OLIVER HOLTZ SITE
39 COMMERCE DRIVE, HENRIETTA, NEW YORK

TOWN OF HENRIETTA — MONROE COUNTY, NEW YORK

C.T. MALE ASSOCIATES
Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C.
50 CENTURY HILL DRIVE, LATHAM, NY 518.786.7400
COBLESKILL, NY • GLENS FALLS, NY • POUGHKEEPSIE, NY • JOHNSTOWN, NY
LITTLE FALLS, NY • RED HOOK, NY • SYRACUSE, NY
www.ctmale.com

SHEET 1 OF 1

DWG. NO: 22-0111

CAD DWG. FILE NAME: K:\Projects\211392\Survey\39 Commerce Dr.dwg

CAD DWG. FILE NAME: 39 Commerce Dr.dwg

APPENDIX G

DATA USABILITY SUMMARY REPORTS (DUSRs)

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Stuart Olver Holtz #48022480
Con-Test Analytical Laboratory SDG#22A0392
February 10, 2022
Sampling date: 1/7/2022

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for TRC, project located at Stuart Olver Holtz #48022480, Con-Test Analytical Laboratory SDG#22A0392-1 submitted to Vali-Data of WNY, LLC on January 28, 2021. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analysis using USEPA method Volatile Organics (8260D).

ID	Sample ID	Laboratory ID
1	Trip Blank	22A0392-01
2	SOH-URS-02	22A0392-02
3	SOH-OW-35	22A0392-03
4	SOH-URS-09	22A0392-04
5	SOH-URS-08	22A0392-05
6	SOH-B4-PZ-01	22A0392-06

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports
-Holding Times
-Internal Standard (IS) Area Performance
-Surrogate Spike Recoveries
-Method Blank
-Field Duplicate Sample Precision
-Laboratory Control Samples
-MS/MSD
-Compound Quantitation
-Initial Calibration
-Continuing Calibration
-GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Laboratory Control Samples, Compound Quantitation, Initial Calibration and Continuing Calibration.

Samples: 3 and 4 were diluted due to high target analyte concentrations.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.
Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met except the pH of the sample was not recorded. The samples were analyzed within the 7-day window, so no further action is required.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
No field duplicate was acquired.

LABORATORY CONTROL SAMPLES
All criteria were met except the RPD of Bromomethane was outside QC limits between B298746-BS1 and B298746-BSD1 and should be qualified as estimated. This target analyte should be qualified as estimated in the samples.

MS/MSD
No MS/MSD was acquired.

COMPOUND QUANTITATION
All criteria were met except Toluene was detected above the MDL, below the reporting limit and is qualified as estimated in Trip Blank. This target analyte was not detected in the associated samples, so no further action is required.

INITIAL CALIBRATION
All criteria were met except the RRF of Bromodichloromethane, Chlorodibromomethane, 1,2-

Dibromoethane, 1,4-Dioxane, 1,1,2-Trichloroethane, 1,2,3-Trichlorobenzene and 1,2,4-Trichlorobenzene were outside QC limits in the initial calibration. These target analytes should be qualified as estimated in the blanks, samples and spikes.
Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION
All criteria were met except the RRF of Bromodichloromethane, Chlorodibromomethane, 1,2-Dibromoethane, 1,4-Dioxane, 1,1,2-Trichloroethane, 1,2,3-Trichlorobenzene and 1,2,4-Trichlorobenzene were outside QC limits in the continuing calibration. The %D of Bromochloromethane and Bromomethane was outside QC limits in the continuing calibration. These target analytes should be qualified as estimated in the blanks, samples and spikes.

GC/MS PERFORMANCE CHECK
All criteria were met.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For 8260 Tentatively Identified Compounds (TICs) results will not include calibrated compounds that were not requested.

SW-846 8260D

Qualifications:

R-05

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

Bromomethane

22A0392-01[Trip Blank], 22A0392-02[SOH-URS-02], 22A0392-03[SOH-OW-35], 22A0392-04[SOH-URS-09], 22A0392-05[SOH-URS-08], 22A0392-06[SOH-B4-PZ-01], B298746-BLK1, B298746-BS1, B298746-BSD1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

22A0392-03[SOH-OW-35], 22A0392-04[SOH-URS-09]

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

Bromomethane

22A0392-01[Trip Blank], 22A0392-02[SOH-URS-02], 22A0392-03[SOH-OW-35], 22A0392-04[SOH-URS-09], 22A0392-05[SOH-URS-08], 22A0392-06[SOH-B4-PZ-01], B298746-BLK1, B298746-BS1, B298746-BSD1, S067310-CCV1

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bromochloromethane

B298746-BS1, B298746-BSD1, S067310-CCV1

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

con-test® A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0392

Date Received: 1/11/2022

Field Sample #: Trip Blank | Sampled: 1/7/2022 10:00

Sample ID: 22A0392-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Bromomethane	ND	2.0	1.1	µg/L	1	R-05, V-05	SW-846 8260D	1/12/22	1/12/22 10:57	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0392

Date Received: 1/11/2022

Field Sample #: Trip Blank | Sampled: 1/7/2022 10:00

Sample ID: 22A0392-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Toluene	0.32	1.0	0.11	µg/L	1	J	SW-846 8260D	1/12/22	1/12/22 10:57	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/12/22	1/12/22 10:57	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		1/12/22 10:57
Toluene-d8	100	70-130		1/12/22 10:57
4-Bromofluorobenzene	98.0	70-130		1/12/22 10:57

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0392

Date Received: 1/11/2022

Field Sample #: Trip Blank | Sampled: 1/7/2022 10:00

Sample ID: 22A0392-01

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	1/12/22	1/12/22 10:57	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0392

Date Received: 1/11/2022

Field Sample #: SOH-URS-02 | Sampled: 1/7/2022 10:05

Sample ID: 22A0392-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	3.0	50	2.4	µg/L	1	J	SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Bromodichloromethane	0.38	0.50	0.14	µg/L	1	J	SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Bromomethane	ND	2.0	1.1	µg/L	1	R-05, V-05	SW-846 8260D	1/12/22	1/12/22 15:29	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
tert-Butyl Alcohol (TBA)	7.9	20	5.3	µg/L	1	J	SW-846 8260D	1/12/22	1/12/22 15:29	EEH
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Chlorodibromomethane	0.18	0.50	0.16	µg/L	1	J	SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Chloroform	0.95	2.0	0.19	µg/L	1	J	SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
1,1-Dichloroethane	0.63	1.0	0.16	µg/L	1	J	SW-846 8260D	1/12/22	1/12/22 15:29	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0392

Date Received: 1/11/2022

Field Sample #: SOH-URS-02 | Sampled: 1/7/2022 10:05

Sample ID: 22A0392-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
1,4-Dioxane	1500	50	22	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Methyl tert-Butyl Ether (MTBE)	6.3	1.0	0.17	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Tetrahydrofuran	2.4	10	0.58	µg/L	1	J	SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
Vinyl Chloride	0.79	2.0	0.20	µg/L	1	J	SW-846 8260D	1/12/22	1/12/22 15:29	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:29	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		1/12/22 15:29
Toluene-d8	100	70-130		1/12/22 15:29
4-Bromofluorobenzene	97.7	70-130		1/12/22 15:29

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0392

Date Received: 1/11/2022

Field Sample #: SOH-URS-02 | Sampled: 1/7/2022 10:05

Sample ID: 22A0392-02

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	1/12/22	1/12/22 15:29	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0392

Date Received: 1/11/2022

Field Sample #: SOH-OW-35 | Sampled: 1/7/2022 12:35

Sample ID: 22A0392-03

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	250	12	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Acrylonitrile	ND	25	3.4	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
tert-Amyl Methyl Ether (TAME)	ND	2.5	0.75	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Benzene	ND	5.0	0.65	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Bromobenzene	ND	5.0	0.65	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Bromochloromethane	ND	5.0	1.8	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Bromodichloromethane	ND	2.5	0.70	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Bromoform	ND	5.0	1.4	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Bromomethane	ND	10	5.4	µg/L	5	R-05, V-05	SW-846 8260D	1/12/22	1/12/22 16:51	EEH
2-Butanone (MEK)	24	100	9.4	µg/L	5	J	SW-846 8260D	1/12/22	1/12/22 16:51	EEH
tert-Butyl Alcohol (TBA)	ND	100	27	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
n-Butylbenzene	ND	5.0	0.70	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
sec-Butylbenzene	ND	5.0	0.50	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
tert-Butylbenzene	ND	5.0	0.45	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	2.5	0.55	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Carbon Disulfide	ND	25	7.6	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Carbon Tetrachloride	ND	25	0.85	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Chlorobenzene	ND	5.0	0.40	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Chlorodibromomethane	ND	2.5	0.80	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Chloroethane	5.4	10	1.8	µg/L	5	J	SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Chloroform	ND	10	0.95	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Chloromethane	ND	10	1.9	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
2-Chlorotoluene	ND	5.0	0.45	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
4-Chlorotoluene	ND	5.0	0.50	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	3.6	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
1,2-Dibromoethane (EDB)	ND	2.5	0.75	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Dibromomethane	ND	5.0	1.4	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
1,2-Dichlorobenzene	ND	5.0	0.50	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
1,3-Dichlorobenzene	ND	5.0	0.45	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
1,4-Dichlorobenzene	ND	5.0	0.55	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
trans-1,4-Dichloro-2-butene	ND	10	9.0	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Dichlorodifluoromethane (Freon 12)	ND	10	1.0	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
1,1-Dichloroethane	480	5.0	0.80	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
1,2-Dichloroethane	ND	5.0	1.6	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
1,1-Dichloroethylene	48	5.0	0.80	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
cis-1,2-Dichloroethylene	490	5.0	0.75	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
trans-1,2-Dichloroethylene	1.5	5.0	0.85	µg/L	5	J	SW-846 8260D	1/12/22	1/12/22 16:51	EEH
1,2-Dichloropropane	ND	5.0	0.90	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
1,3-Dichloropropane	ND	2.5	0.60	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
2,2-Dichloropropane	ND	5.0	1.6	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
1,1-Dichloropropene	ND	10	1.3	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
cis-1,3-Dichloropropene	ND	2.5	0.60	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
trans-1,3-Dichloropropene	ND	2.5	0.75	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Diethyl Ether	ND	10	1.1	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0392

Date Received: 1/11/2022

Field Sample #: SOH-OW-35 | Sampled: 1/7/2022 12:35

Sample ID: 22A0392-03

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	2.5	0.75	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
1,4-Dioxane	ND	250	110	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Ethylbenzene	ND	5.0	0.45	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Hexachlorobutadiene	ND	3.0	2.0	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
2-Hexanone (MBK)	ND	50	7.0	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Isopropylbenzene (Cumene)	ND	5.0	0.50	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
p-Isopropyltoluene (p-Cymene)	ND	5.0	0.45	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Methyl Acetate	ND	5.0	2.0	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Methyl tert-Butyl Ether (MTBE)	ND	5.0	0.85	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Methyl Cyclohexane	ND	5.0	1.6	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Methylene Chloride	4.3	25	1.5	µg/L	5	J	SW-846 8260D	1/12/22	1/12/22 16:51	EEH
4-Methyl-2-pentanone (MIBK)	ND	50	8.1	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Naphthalene	ND	10	0.75	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
n-Propylbenzene	ND	5.0	0.40	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Styrene	ND	5.0	0.40	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
1,1,1,2-Tetrachloroethane	ND	5.0	0.70	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
1,1,2,2-Tetrachloroethane	ND	2.5	0.45	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Tetrachloroethylene	ND	5.0	1.0	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Tetrahydrofuran	ND	50	2.9	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Toluene	ND	5.0	0.55	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
1,2,3-Trichlorobenzene	ND	25	0.70	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
1,2,4-Trichlorobenzene	ND	5.0	0.80	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
1,3,5-Trichlorobenzene	ND	5.0	0.90	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
1,1,1-Trichloroethane	ND	5.0	0.85	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
1,1,2-Trichloroethane	ND	5.0	0.75	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Trichloroethylene	10	5.0	0.90	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Trichlorofluoromethane (Freon 11)	ND	10	0.95	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
1,2,3-Trichloropropane	ND	10	1.6	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	1.2	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
1,2,4-Trimethylbenzene	ND	5.0	0.50	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
1,3,5-Trimethylbenzene	ND	5.0	0.50	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
Vinyl Chloride	11	10	1.0	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
m+p Xylene	ND	10	0.90	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH
o-Xylene	ND	5.0	0.45	µg/L	5		SW-846 8260D	1/12/22	1/12/22 16:51	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		1/12/22 16:51
Toluene-d8	101	70-130		1/12/22 16:51
4-Bromofluorobenzene	97.9	70-130		1/12/22 16:51

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0392

Date Received: 1/11/2022

Field Sample #: SOH-OW-35 | Sampled: 1/7/2022 12:35

Sample ID: 22A0392-03

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			5			SW-846 8260D	1/12/22	1/12/22 16:51	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0392

Date Received: 1/11/2022

Field Sample #: SOH-URS-09 | Sampled: 1/7/2022 13:55

Sample ID: 22A0392-04

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	100	4.7	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Acrylonitrile	ND	10	1.4	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
tert-Amyl Methyl Ether (TAME)	ND	1.0	0.30	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Benzene	ND	2.0	0.26	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Bromobenzene	ND	2.0	0.26	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Bromochloromethane	ND	2.0	0.72	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Bromodichloromethane	ND	1.0	0.28	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Bromoform	ND	2.0	0.58	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Bromomethane	ND	4.0	2.1	µg/L	2	R-05, V-05	SW-846 8260D	1/12/22	1/12/22 17:18	EEH
2-Butanone (MEK)	ND	40	3.8	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
tert-Butyl Alcohol (TBA)	ND	40	11	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
n-Butylbenzene	ND	2.0	0.28	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
sec-Butylbenzene	ND	2.0	0.20	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
tert-Butylbenzene	ND	2.0	0.18	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	1.0	0.22	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Carbon Disulfide	ND	10	3.0	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Carbon Tetrachloride	ND	10	0.34	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Chlorobenzene	0.86	2.0	0.16	µg/L	2	J	SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Chlorodibromomethane	ND	1.0	0.32	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Chloroethane	18	4.0	0.74	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Chloroform	ND	4.0	0.38	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Chloromethane	ND	4.0	0.76	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
2-Chlorotoluene	ND	2.0	0.18	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
4-Chlorotoluene	ND	2.0	0.20	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	1.4	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
1,2-Dibromoethane (EDB)	ND	1.0	0.30	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Dibromomethane	ND	2.0	0.58	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
1,2-Dichlorobenzene	ND	2.0	0.20	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
1,3-Dichlorobenzene	ND	2.0	0.18	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
1,4-Dichlorobenzene	ND	2.0	0.22	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
trans-1,4-Dichloro-2-butene	ND	4.0	3.6	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Dichlorodifluoromethane (Freon 12)	ND	4.0	0.40	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
1,1-Dichloroethane	250	2.0	0.32	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
1,2-Dichloroethane	ND	2.0	0.64	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
1,1-Dichloroethylene	6.0	2.0	0.32	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
cis-1,2-Dichloroethylene	4.0	2.0	0.30	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
trans-1,2-Dichloroethylene	ND	2.0	0.34	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
1,2-Dichloropropane	ND	2.0	0.36	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
1,3-Dichloropropane	ND	1.0	0.24	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
2,2-Dichloropropane	ND	2.0	0.62	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
1,1-Dichloropropene	ND	4.0	0.52	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
cis-1,3-Dichloropropene	ND	1.0	0.24	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
trans-1,3-Dichloropropene	ND	1.0	0.30	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Diethyl Ether	ND	4.0	0.44	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0392

Date Received: 1/11/2022

Field Sample #: SOH-URS-09 | Sampled: 1/7/2022 13:55

Sample ID: 22A0392-04

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	1.0	0.30	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
1,4-Dioxane	ND	100	43	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Ethylbenzene	ND	2.0	0.18	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Hexachlorobutadiene	ND	1.2	0.82	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
2-Hexanone (MBK)	ND	20	2.8	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Isopropylbenzene (Cumene)	ND	2.0	0.20	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
p-Isopropyltoluene (p-Cymene)	ND	2.0	0.18	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Methyl Acetate	ND	2.0	0.78	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.34	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Methyl Cyclohexane	ND	2.0	0.66	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Methylene Chloride	ND	10	0.60	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
4-Methyl-2-pentanone (MIBK)	ND	20	3.2	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Naphthalene	ND	4.0	0.30	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
n-Propylbenzene	ND	2.0	0.16	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Styrene	ND	2.0	0.16	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
1,1,1,2-Tetrachloroethane	ND	2.0	0.28	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
1,1,2,2-Tetrachloroethane	ND	1.0	0.18	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Tetrachloroethylene	7.7	2.0	0.40	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Tetrahydrofuran	ND	20	1.2	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Toluene	ND	2.0	0.22	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
1,2,3-Trichlorobenzene	ND	10	0.28	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
1,2,4-Trichlorobenzene	ND	2.0	0.32	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
1,3,5-Trichlorobenzene	ND	2.0	0.36	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
1,1,1-Trichloroethane	41	2.0	0.34	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
1,1,2-Trichloroethane	ND	2.0	0.30	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Trichloroethylene	6.2	2.0	0.36	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Trichlorofluoromethane (Freon 11)	ND	4.0	0.38	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
1,2,3-Trichloropropane	ND	4.0	0.62	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	4.1	2.0	0.48	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
1,2,4-Trimethylbenzene	ND	2.0	0.20	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
1,3,5-Trimethylbenzene	ND	2.0	0.20	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
Vinyl Chloride	13	4.0	0.40	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
m+p Xylene	ND	4.0	0.36	µg/L	2		SW-846 8260D	1/12/22	1/12/22 17:18	EEH
o-Xylene	0.22	2.0	0.18	µg/L	2	J	SW-846 8260D	1/12/22	1/12/22 17:18	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		1/12/22 17:18
Toluene-d8	99.7	70-130		1/12/22 17:18
4-Bromofluorobenzene	98.1	70-130		1/12/22 17:18

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0392

Date Received: 1/11/2022

Field Sample #: SOH-URS-09 | Sampled: 1/7/2022 13:55

Sample ID: 22A0392-04

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			2			SW-846 8260D	1/12/22	1/12/22 17:18	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0392

Date Received: 1/11/2022

Field Sample #: SOH-URS-08 | Sampled: 1/7/2022 14:50

Sample ID: 22A0392-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Bromomethane	ND	2.0	1.1	µg/L	1	R-05, V-05	SW-846 8260D	1/12/22	1/12/22 15:56	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
1,1-Dichloroethane	0.91	1.0	0.16	µg/L	1	J	SW-846 8260D	1/12/22	1/12/22 15:56	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0392

Date Received: 1/11/2022

Field Sample #: SOH-URS-08 | Sampled: 1/7/2022 14:50

Sample ID: 22A0392-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
1,1,1-Trichloroethane	0.75	1.0	0.17	µg/L	1	J	SW-846 8260D	1/12/22	1/12/22 15:56	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/12/22	1/12/22 15:56	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		1/12/22 15:56
Toluene-d8	100	70-130		1/12/22 15:56
4-Bromofluorobenzene	96.1	70-130		1/12/22 15:56

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0392

Date Received: 1/11/2022

Field Sample #: SOH-URS-08 | Sampled: 1/7/2022 14:50

Sample ID: 22A0392-05

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	1/12/22	1/12/22 15:56	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0392

Date Received: 1/11/2022

Field Sample #: SOH-B4-PZ-01 | Sampled: 1/7/2022 15:40

Sample ID: 22A0392-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Bromomethane	ND	2.0	1.1	µg/L	1	R-05, V-05	SW-846 8260D	1/12/22	1/12/22 16:23	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
1,1-Dichloroethane	8.7	1.0	0.16	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
1,1-Dichloroethylene	4.4	1.0	0.16	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
cis-1,2-Dichloroethylene	1.6	1.0	0.15	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
trans-1,2-Dichloroethylene	0.21	1.0	0.17	µg/L	1	J	SW-846 8260D	1/12/22	1/12/22 16:23	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0392

Date Received: 1/11/2022

Field Sample #: SOH-B4-PZ-01 | Sampled: 1/7/2022 15:40

Sample ID: 22A0392-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
1,1,1-Trichloroethane	21	1.0	0.17	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Trichloroethylene	1.2	1.0	0.18	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/12/22	1/12/22 16:23	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		1/12/22 16:23
Toluene-d8	99.4	70-130		1/12/22 16:23
4-Bromofluorobenzene	96.3	70-130		1/12/22 16:23

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0392

Date Received: 1/11/2022

Field Sample #: SOH-B4-PZ-01 | Sampled: 1/7/2022 15:40

Sample ID: 22A0392-06

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	1/12/22	1/12/22 16:23	EEH

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	22A0392
Client:	NYDEC_TRC Environmental Corporation- Clifton Par	Project:	Stuart Olver Holtz- CO SMPB0001
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B298746	Laboratory ID:	B298746-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
1,2,4-Trimethylbenzene	10.0	10.8	108	70 - 130
1,3,5-Trimethylbenzene	10.0	10.6	106	70 - 130
Vinyl Chloride	10.0	9.32	93.2	40 - 160
m+p Xylene	20.0	21.3	106	70 - 130
o-Xylene	10.0	10.7	107	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #		QC LIMITS RPD	QC LIMITS REC.
Acetone	100	108	108	9.77		25	70 - 160
Acrylonitrile	10.0	10.5	105	9.71		25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.4	104	3.22		25	70 - 130
Benzene	10.0	9.91	99.1	1.50		25	70 - 130
Bromobenzene	10.0	10.8	108	0.651		25	70 - 130
Bromochloromethane	10.0	10.8	108	1.21		25	70 - 130
Bromodichloromethane	10.0	9.82	98.2	2.51		25	70 - 130
Bromoform	10.0	10.4	104	5.43		25	70 - 130
Bromomethane	10.0	11.7	117	35.8	*	25	40 - 160
2-Butanone (MEK)	100	111	111	12.9		25	40 - 160
tert-Butyl Alcohol (TBA)	100	124	124	20.1		25	40 - 160
n-Butylbenzene	10.0	10.5	105	5.37		25	70 - 130
sec-Butylbenzene	10.0	10.6	106	4.99		25	70 - 130
tert-Butylbenzene	10.0	10.4	104	4.88		25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	10.5	105	2.31		25	70 - 130
Carbon Disulfide	100	94.9	94.9	5.16		25	70 - 130
Carbon Tetrachloride	10.0	10.4	104	1.91		25	70 - 130
Chlorobenzene	10.0	10.5	105	0.665		25	70 - 130
Chlorodibromomethane	10.0	9.90	99.0	1.12		25	70 - 130
Chloroethane	10.0	9.84	98.4	19.2		25	70 - 130
Chloroform	10.0	10.1	101	4.07		25	70 - 130
Chloromethane	10.0	9.42	94.2	2.47		25	40 - 160
2-Chlorotoluene	10.0	10.1	101	3.03		25	70 - 130
4-Chlorotoluene	10.0	10.6	106	0.188		25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	11.1	111	21.1		25	70 - 130
1,2-Dibromoethane (EDB)	10.0	10.5	105	5.19		25	70 - 130
Dibromomethane	10.0	10.1	101	0.797		25	70 - 130

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	22A0392
Client:	NYDEC_TRC Environmental Corporation- Clifton Park	Project:	Stuart Olver Holtz- CO SMPB0001
Calibration:	2200004	Instrument:	GCMSVOA5
		Calibration Date:	1/4/2022 7:35:39AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
Acetone	7.159683E-02	9.0			20	
Acrolein	5.172498E-02	9.1			20	
Acrylonitrile	0.1052471	6.7			20	
tert-Amyl Methyl Ether (TAME)	0.7209663	8.2			20	
Benzene	1.222011	2.8			20	
Bromobenzene	0.6260948	7.3			20	
Bromochloromethane	0.2164615	15.8			20	
Bromodichloromethane	0.2476398	9.4			20	
Bromoform	0.2154443	17.7			20	
Bromomethane	0.1573628	15.6			20	
2-Butanone (MEK)	0.121202	5.9			20	
tert-Butyl Alcohol (TBA)	2.292431E-02	11.7			20	
n-Butylbenzene	1.352282	14.3			20	
sec-Butylbenzene	1.802855	11.0			20	
tert-Butylbenzene	1.253487	10.8			20	
tert-Butyl Ethyl Ether (TBEE)	0.79178	8.0			20	
Carbon Disulfide	0.7967695	8.3			20	
Carbon Tetrachloride	0.3758494	9.0			20	
Chlorobenzene	1.046329	5.5			20	
Chlorodibromomethane	0.1869851	12.4			20	
Chloroethane	0.1804872	13.5			20	
2-Chloroethyl Vinyl Ether	0.1269573	10.0			20	
Chloroform	0.5125747	4.5			20	
Chloromethane	0.3417516	14.5			20	
2-Chlorotoluene	1.177333	4.8			20	
4-Chlorotoluene	1.18012	7.4			20	
Cyclohexane	0.5311212	6.5			20	
1,2-Dibromo-3-chloropropane (DBCP)	6.088938E-02	17.9			20	
1,2-Dibromoethane (EDB)	0.1626881	10.9			20	
Dibromomethane	0.1175663	6.3			20	
1,2-Dichlorobenzene	0.7237142	7.8			20	

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	22A0392
Client:	NYDEC_TRC Environmental Corporation- Clifton Park	Project:	Stuart Olver Holtz- CO SMPB0001
Calibration:	2200004	Instrument:	GCMSVOA5
		Calibration Date:	1/4/2022 7:35:39AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
1,3-Dichlorobenzene	0.807913	9.2			20	
1,4-Dichlorobenzene	0.8249951	6.8			20	
trans-1,4-Dichloro-2-butene	0.1075568	11.3			20	
Dichlorodifluoromethane (Freon 12)	0.388165	6.7			20	
1,1-Dichloroethane	0.5225156	5.3			20	
1,2-Dichloroethane	0.257927	13.0			20	
1,1-Dichloroethylene	0.4222399	4.5			20	
cis-1,2-Dichloroethylene	0.4139672	5.1			20	
trans-1,2-Dichloroethylene	0.4209055	4.7			20	
Dichlorofluoromethane (Freon 21)	0.5179793	6.3			20	
1,2-Dichloropropane	0.2033845	5.9			20	
1,3-Dichloropropane	0.2792627	9.6			20	
2,2-Dichloropropane	0.3895988	6.6			20	
1,1-Dichloropropene	0.4005375	6.9			20	
cis-1,3-Dichloropropene	0.3065878	11.4			20	
trans-1,3-Dichloropropene	0.2426863	14.0			20	
Diethyl Ether	0.1934383	5.7			20	
Difluorochloromethane (Freon 22)	0.4034106	7.5			20	
Diisopropyl Ether (DIPE)	0.8727756	5.2			20	
1,4-Dioxane	2.088244E-03	8.5			20	
Ethanol	4.97788E-03	18.4			20	
Ethyl Acetate	0.2454666	8.4			20	
Ethylbenzene	1.760677	7.7			20	
Hexachlorobutadiene	0.2072355	12.1			20	
2-Hexanone (MBK)	0.1139797	11.7			20	
Iodomethane	0.3812631	19.0			20	
Isopropylbenzene (Cumene)	1.744379	6.3			20	
p-Isopropyltoluene (p-Cymene)	1.469487	11.6			20	
Methyl Acetate	0.2306531	15.6			20	
Methyl tert-Butyl Ether (MTBE)	0.703102	7.8			20	
Methyl Cyclohexane	0.3318229	6.8			20	

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	22A0392
Client:	NYDEC_TRC Environmental Corporation- Clifton Park	Project:	Stuart Olver Holtz- CO SMPB0001
Calibration:	2200004	Instrument:	GCMSVOA5
		Calibration Date:	1/4/2022 7:35:39AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
Methylene Chloride	0.3681109	8.0			20	
4-Methyl-2-pentanone (MIBK)	0.1679712	10.9			20	
Naphthalene	0.771276	17.0			20	
n-Propylbenzene	2.023007	8.8			20	
Styrene	1.00575	11.8			20	
1,1,1,2-Tetrachloroethane	0.3436871	10.3			20	
1,1,2,2-Tetrachloroethane	0.3970277	10.4			20	
Tetrachloroethylene	0.2229981	5.4			20	
Tetrahydrofuran	7.719281E-02	11.4			20	
Toluene	0.8432327	4.1			20	
1,2,3-Trichlorobenzene	0.2664118	16.8			20	
1,2,4-Trichlorobenzene	0.3606225	14.8			20	
1,3,5-Trichlorobenzene	0.4526021	13.7			20	
1,1,1-Trichloroethane	0.4099857	8.7			20	
1,1,2-Trichloroethane	0.1579222	8.3			20	
Trichloroethylene	0.2016221	6.4			20	
Trichlorofluoromethane (Freon 11)	0.439477	6.2			20	
1,2,3-Trichloropropane	0.304366	11.3			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.2881461	6.6			20	
1,2,3-Trimethylbenzene	1.37952	9.9			20	
1,2,4-Trimethylbenzene	1.396902	12.4			20	
1,3,5-Trimethylbenzene	1.283313	10.8			20	
Vinyl Acetate	0.6095244	9.9			20	
Vinyl Chloride	0.2174587	13.9			20	
m+p Xylene	1.393248	7.6			20	
o-Xylene	1.363976	7.5			20	
1,2-Dichloroethane-d4	0.4950766	2.1			20	
Toluene-d8	1.190889	1.2			20	
4-Bromofluorobenzene	0.8597184	2.0			20	

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	22A0392
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA5	Calibration:	2200004
Lab File ID:	E22V101205.D	Calibration Date:	01/04/22 07:35
Sequence:	S067310	Injection Date:	01/12/22
Lab Sample ID:	S067310-CCV1	Injection Time:	08:13

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	105	7.159683E-02	7.506547E-02		4.8	20	
Acrylonitrile	A	10.0	10.1	0.1052471	0.1065503		1.2	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	10.1	0.7209663	0.7286753		1.1	20	
Benzene	A	10.0	9.75	1.222011	1.191263		-2.5	20	
Bromobenzene	A	10.0	10.6	0.6260948	0.6606182		5.5	20	
Bromochloromethane	A	10.0	12.1	0.2164615	0.2627031		21.4	20	*
Bromodichloromethane	A	10.0	9.96	0.2476398	0.2466969		-0.4	20	
Bromoform	A	10.0	10.2	0.2154443	0.2199942		2.1	20	
Bromomethane	A	10.0	6.89	0.1573628	0.1084883		-31.1	20	*
2-Butanone (MEK)	A	100	107	0.121202	0.129648		7.0	20	
tert-Butyl Alcohol (TBA)	A	100	116	2.292431E-02	2.663049E-02		16.2	20	
n-Butylbenzene	A	10.0	10.6	1.352282	1.439695		6.5	20	
sec-Butylbenzene	A	10.0	10.6	1.802855	1.916606		6.3	20	
tert-Butylbenzene	A	10.0	10.6	1.253487	1.323097		5.6	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	10.4	0.79178	0.8267364		4.4	20	
Carbon Disulfide	A	100	96.8	0.7967695	0.7716528		-3.2	20	
Carbon Tetrachloride	A	10.0	10.3	0.3758494	0.3888033		3.4	20	
Chlorobenzene	A	10.0	10.4	1.046329	1.093413		4.5	20	
Chlorodibromomethane	A	10.0	10.0	0.1869851	0.1879369		0.5	20	
Chloroethane	A	10.0	11.7	0.1804872	0.2113139		17.1	20	
Chloroform	A	10.0	10.2	0.5125747	0.5238559		2.2	20	
Chloromethane	A	10.0	8.65	0.3417516	0.2955257		-13.5	20	
2-Chlorotoluene	A	10.0	10.1	1.177333	1.191634		1.2	20	
4-Chlorotoluene	A	10.0	10.7	1.18012	1.260522		6.8	20	
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	10.0	6.088938E-02	6.097157E-02		0.1	20	
1,2-Dibromoethane (EDB)	A	10.0	10.7	0.1626881	0.1742579		7.1	20	
Dibromomethane	A	10.0	10.6	0.1175663	0.1242343		5.7	20	
1,2-Dichlorobenzene	A	10.0	10.4	0.7237142	0.7556789		4.4	20	
1,3-Dichlorobenzene	A	10.0	10.7	0.807913	0.8644919		7.0	20	

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	22A0392
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA5	Calibration:	2200004
Lab File ID:	E22V101205.D	Calibration Date:	01/04/22 07:35
Sequence:	S067310	Injection Date:	01/12/22
Lab Sample ID:	S067310-CCV1	Injection Time:	08:13

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,4-Dichlorobenzene	A	10.0	10.4	0.8249951	0.8536729		3.5	20
trans-1,4-Dichloro-2-butene	A	10.0	9.98	0.1075568	0.1073471		-0.2	20
Dichlorodifluoromethane (Freon 12)	A	10.0	9.83	0.388165	0.3817321		-1.7	20
1,1-Dichloroethane	A	10.0	10.5	0.5225156	0.5476976		4.8	20
1,2-Dichloroethane	A	10.0	9.35	0.257927	0.2412407		-6.5	20
1,1-Dichloroethylene	A	10.0	10.3	0.4222399	0.4361747		3.3	20
cis-1,2-Dichloroethylene	A	10.0	10.4	0.4139672	0.4317789		4.3	20
trans-1,2-Dichloroethylene	A	10.0	10.2	0.4209055	0.4271467		1.5	20
1,2-Dichloropropane	A	10.0	10.4	0.2033845	0.2110776		3.8	20
1,3-Dichloropropane	A	10.0	10.6	0.2792627	0.2947242		5.5	20
2,2-Dichloropropane	A	10.0	10.7	0.3895988	0.4183644		7.4	20
1,1-Dichloropropene	A	10.0	10.5	0.4005375	0.4188938		4.6	20
cis-1,3-Dichloropropene	A	10.0	10.4	0.3065878	0.3178456		3.7	20
trans-1,3-Dichloropropene	A	10.0	10.4	0.2426863	0.251447		3.6	20
Diethyl Ether	A	10.0	10.2	0.1934383	0.1965192		1.6	20
Diisopropyl Ether (DIPE)	A	10.0	10.5	0.8727756	0.918889		5.3	20
1,4-Dioxane	A	100	102	2.088244E-03	2.122779E-03		1.7	20
Ethylbenzene	A	10.0	10.6	1.760677	1.875156		6.5	20
Hexachlorobutadiene	A	10.0	10.6	0.2072355	0.2197387		6.0	20
2-Hexanone (MBK)	A	100	111	0.1139797	0.1259835		10.5	20
Isopropylbenzene (Cumene)	A	10.0	10.6	1.744379	1.841475		5.6	20
p-Isopropyltoluene (p-Cymene)	A	10.0	10.5	1.469487	1.538526		4.7	20
Methyl Acetate	A	10.0	9.73	0.2306531	0.2245299		-2.7	20
Methyl tert-Butyl Ether (MTBE)	A	10.0	10.2	0.703102	0.7170191		2.0	20
Methyl Cyclohexane	A	10.0	10.1	0.3318229	0.3353824		1.1	20
Methylene Chloride	A	10.0	10.5	0.3681109	0.3859011		4.8	20
4-Methyl-2-pentanone (MIBK)	A	100	113	0.1679712	0.1891135		12.6	20
Naphthalene	A	10.0	10.3	0.771276	0.792432		2.7	20
n-Propylbenzene	A	10.0	10.6	2.023007	2.147591		6.2	20

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	22A0392
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA5	Calibration:	2200004
Lab File ID:	E22V101205.D	Calibration Date:	01/04/22 07:35
Sequence:	S067310	Injection Date:	01/12/22
Lab Sample ID:	S067310-CCV1	Injection Time:	08:13

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Styrene	A	10.0	10.6	1.00575	1.066392		6.0	20
1,1,1,2-Tetrachloroethane	A	10.0	10.5	0.3436871	0.3597387		4.7	20
1,1,2,2-Tetrachloroethane	A	10.0	11.0	0.3970277	0.4374211		10.2	20
Tetrachloroethylene	A	10.0	10.1	0.2229981	0.2247758		0.8	20
Tetrahydrofuran	A	10.0	11.0	7.719281E-02	8.503417E-02		10.2	20
Toluene	A	10.0	10.1	0.8432327	0.8501837		0.8	20
1,2,3-Trichlorobenzene	A	10.0	10.9	0.2664118	0.2896292		8.7	20
1,2,4-Trichlorobenzene	A	10.0	10.7	0.3606225	0.3866307		7.2	20
1,3,5-Trichlorobenzene	A	10.0	10.6	0.4526021	0.4773365		5.5	20
1,1,1-Trichloroethane	A	10.0	10.6	0.4099857	0.434908		6.1	20
1,1,2-Trichloroethane	A	10.0	10.6	0.1579222	0.166677		5.5	20
Trichloroethylene	A	10.0	10.4	0.2016221	0.2089015		3.6	20
Trichlorofluoromethane (Freon 11)	A	10.0	10.4	0.439477	0.4558853		3.7	20
1,2,3-Trichloropropane	A	10.0	11.0	0.304366	0.3342174		9.8	20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.8	0.2881461	0.3120315		8.3	20
1,2,4-Trimethylbenzene	A	10.0	10.5	1.396902	1.470663		5.3	20
1,3,5-Trimethylbenzene	A	10.0	10.7	1.283313	1.36975		6.7	20
Vinyl Chloride	A	10.0	8.49	0.2174587	0.1846078		-15.1	20
m+p Xylene	A	20.0	21.1	1.393248	1.471003		5.6	20
o-Xylene	A	10.0	10.7	1.363976	1.458553		6.9	20
1,2-Dichloroethane-d4	A	25.0	25.9	0.4950766	0.5135743		3.7	
Toluene-d8	A	25.0	25.1	1.190889	1.194924		0.3	
4-Bromofluorobenzene	A	25.0	24.7	0.8597184	0.8487871		-1.3	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Stuart Olver Holtz #48022480
Con-Test Analytical Laboratory SDG#21L1482
February 9, 2022
Sampling date: 12/17, 20/2021

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for TRC, project located at Stuart Olver Holtz #48022480, Con-Test Analytical Laboratory SDG#21L1482-1 submitted to Vali-Data of WNY, LLC on January 3, 2022. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analysis using USEPA method Volatile Organics (8260D).

ID	Sample ID	Laboratory ID
1	SOH-DGW-20(16-20)	21L1482-01
2	Trip Blank	21L1482-02
3	SOH-DGW-DUP-4	21L1482-03
4	SOH-DGW-22(14-18)	21L1482-04
5	SOH-DGW-22(3-7)	21L1482-05
6	SOH-DGW-EB-4	21L1482-06
7	SOH-DGW-22(19-23)	21L1482-07
8	SOH-DGW-18(6-10)	21L1482-08
9	SOH-DGW-18(11-15)	21L1482-09
10	SOH-DGW-18(17-21)	21L1482-10

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports
-Holding Times
-Internal Standard (IS) Area Performance
-Surrogate Spike Recoveries
-Method Blank
-Field Duplicate Sample Precision
-Laboratory Control Samples
-MS/MSD
-Compound Quantitation
-Initial Calibration
-Continuing Calibration
-GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in Laboratory Control Samples, MS/MSD, Initial Calibration and Continuing Calibration.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.
Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met except the pH of one sample was outside QC limits. That sample was analyzed within the 7-day window, so no further action is required.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All criteria were met.

LABORATORY CONTROL SAMPLES
All criteria were met except the %Rec of Bromomethane was outside QC limits, high in B297529-BS1/BSD1 and should be qualified as estimated. This target analyte was not detected in the samples, so no further action is required.

MS/MSD
All criteria were met except several target analyte were outside QC limits in the MS/MSD and should be qualified as estimated.

Target Analyte	%Rec 1MS	%Rec 1MSD	Qualifier	Associated Sample
Bromomethane	196	215	JH	None
Chloromethane	58.9	54.0	UJ	1
Trichloroethene	139	128	JH	None

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION
All criteria were met except the %Rec of Bromomethane and Chloromethane were outside QC limits in the initial calibration verification. These target analytes should be qualified as estimated in the blanks, samples and spikes.
Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION
All criteria were met except several target analytes were outside QC limits in the continuing calibrations and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	%D	Qualifier	Associated Sample
S066725	Bromomethane	84.6	UJ/J	B297529-BLK1,BS1,BSD1, 1-10, 1MS/MSD
S066725	Chloromethane	-55.4	UJ/J	B297529-BLK1,BS1,BSD1, 1-10, 1MS/MSD
S066725	t-Butyl alcohol	-21.5	UJ/J	B297529-BLK1,BS1,BSD1, 1-10, 1MS/MSD

GC/MS PERFORMANCE CHECK
All criteria were met.

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For 8260 Tentatively Identified Compounds (TICs) results will not include calibrated compounds that were not requested.

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SW-846 8260D

Qualifications:

L-02

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

Bromomethane

B297529-BS1, B297529-BSD1, B297529-MS1, B297529-MSD1, S066725-CCV1

MS-09

Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Chloromethane

B297529-MS1, B297529-MSD1

MS-12

Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Bromomethane

B297529-MS1, B297529-MSD1

MS-22

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

Analyte & Samples(s) Qualified:

Methyl Acetate

B297529-MSD1

MS-24

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

Analyte & Samples(s) Qualified:

Tetrachloroethylene

B297529-MS1

Trichloroethylene

B297529-MS1

PR-06

pH of sample (pH 3) is outside of method specified preservation criteria.

Analyte & Samples(s) Qualified:

B297529-MS1

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

Chloromethane

21L1482-01[SOH-DGW-20 (16-20)], 21L1482-02[Trip Blank], 21L1482-03[SOH-DGW-DUP-4], 21L1482-04[SOH-DGW-22 (14-18)], 21L1482-05[SOH-DGW-22 (3-7)], 21L1482-06[SOH-DGW-EB-4], 21L1482-07[SOH-DGW-22 (19-23)], 21L1482-08[SOH-DGW-18 (6-10)], 21L1482-09[SOH-DGW-18 (11-15)], 21L1482-10[SOH-DGW-18 (17-21)], B297529-BLK1, B297529-BS1, B297529-BSD1, B297529-MS1, B297529-MSD1, S066725-CCV1

Methyl Acetate

21L1482-01[SOH-DGW-20 (16-20)], 21L1482-02[Trip Blank], 21L1482-03[SOH-DGW-DUP-4], 21L1482-04[SOH-DGW-22 (14-18)], 21L1482-05[SOH-DGW-22 (3-7)], 21L1482-06[SOH-DGW-EB-4], 21L1482-07[SOH-DGW-22 (19-23)], 21L1482-08[SOH-DGW-18 (6-10)], 21L1482-09[SOH-DGW-18 (11-15)], 21L1482-10[SOH-DGW-18 (17-21)], B297529-BLK1, B297529-BS1, B297529-BSD1, B297529-MS1, B297529-MSD1, S066725-CCV1

tert-Butyl Alcohol (TBA)

21L1482-01[SOH-DGW-20 (16-20)], 21L1482-02[Trip Blank], 21L1482-03[SOH-DGW-DUP-4], 21L1482-04[SOH-DGW-22 (14-18)], 21L1482-05[SOH-DGW-22 (3-7)], 21L1482-06[SOH-DGW-EB-4], 21L1482-07[SOH-DGW-22 (19-23)], 21L1482-08[SOH-DGW-18 (6-10)], 21L1482-09[SOH-DGW-18 (11-15)], 21L1482-10[SOH-DGW-18 (17-21)], B297529-BLK1, B297529-BS1, B297529-BSD1, B297529-MS1, B297529-MSD1, S066725-CCV1

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bromomethane

B297529-BS1, B297529-BSD1, B297529-MS1, B297529-MSD1, S066725-CCV1

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V-34

Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

Analyte & Samples(s) Qualified:

Bromomethane

21L1482-01[SOH-DGW-20 (16-20)], 21L1482-02[Trip Blank], 21L1482-03[SOH-DGW-DUP-4], 21L1482-04[SOH-DGW-22 (14-18)], 21L1482-05[SOH-DGW-22 (3-7)], 21L1482-06[SOH-DGW-EB-4], 21L1482-07[SOH-DGW-22 (19-23)], 21L1482-08[SOH-DGW-18 (6-10)], 21L1482-09[SOH-DGW-18 (11-15)], 21L1482-10[SOH-DGW-18 (17-21)], B297529-BLK1, B297529-BS1, B297529-BSD1, B297529-MS1, B297529-MSD1, S066725-CCV1

Chloromethane

21L1482-01[SOH-DGW-20 (16-20)], 21L1482-02[Trip Blank], 21L1482-03[SOH-DGW-DUP-4], 21L1482-04[SOH-DGW-22 (14-18)], 21L1482-05[SOH-DGW-22 (3-7)], 21L1482-06[SOH-DGW-EB-4], 21L1482-07[SOH-DGW-22 (19-23)], 21L1482-08[SOH-DGW-18 (6-10)], 21L1482-09[SOH-DGW-18 (11-15)], 21L1482-10[SOH-DGW-18 (17-21)], B297529-BLK1, B297529-BS1, B297529-BSD1, B297529-MS1, B297529-MSD1, S066725-CCV1

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: SOH-DGW-20 (16-20) | Sampled: 12/17/2021 08:30

Sample ID: 21L1482-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	11	50	2.4	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Acrylonitrile	1.4	5.0	0.69	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 15:40	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Benzene	0.25	1.0	0.13	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Bromomethane	ND	5.0	1.1	µg/L	1	V-34	SW-846 8260D	12/22/21	12/22/21 15:40	LBD
2-Butanone (MEK)	3.0	20	1.9	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 15:40	LBD
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1	V-05	SW-846 8260D	12/22/21	12/22/21 15:40	LBD
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Chloromethane	ND	2.0	0.38	µg/L	1	V-05, V-34	SW-846 8260D	12/22/21	12/22/21 15:40	LBD
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
cis-1,2-Dichloroethylene	0.23	1.0	0.15	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 15:40	LBD
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: SOH-DGW-20 (16-20) | Sampled: 12/17/2021 08:30

Sample ID: 21L1482-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Methyl Acetate	ND	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Toluene	0.21	1.0	0.11	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 15:40	LBD
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 15:40	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	80.4	70-130		12/22/21 15:40
Toluene-d8	94.2	70-130		12/22/21 15:40
4-Bromofluorobenzene	96.9	70-130		12/22/21 15:40

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Project Location: Henrietta, NY Sample Description: Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: SOH-DGW-20 (16-20) Sampled: 12/17/2021 08:30

Sample ID: 21L1482-01

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
Propene	8.2	µg/L	79740	1.107	1	000115-07-1	83	SW-846 8260D	12/22/21	12/22/21 15:40	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: Trip Blank | Sampled: 12/17/2021 08:00

Sample ID: 21L1482-02

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Bromomethane	ND	5.0	1.1	µg/L	1	V-34	SW-846 8260D	12/22/21	12/22/21 14:48	LBD
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1	V-05	SW-846 8260D	12/22/21	12/22/21 14:48	LBD
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Chloromethane	ND	2.0	0.38	µg/L	1	V-05, V-34	SW-846 8260D	12/22/21	12/22/21 14:48	LBD
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: Trip Blank | Sampled: 12/17/2021 08:00

Sample ID: 21L1482-02

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Methyl Acetate	ND	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 14:48	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	80.8	70-130		12/22/21 14:48
Toluene-d8	95.2	70-130		12/22/21 14:48
4-Bromofluorobenzene	99.0	70-130		12/22/21 14:48

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: Trip Blank | Sampled: 12/17/2021 08:00

Sample ID: 21L1482-02

Sample Matrix: Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/22/21	12/22/21 14:48	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: SOH-DGW-DUP-4 | Sampled: 12/17/2021 07:00

Sample ID: 21L1482-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	9.2	50	2.4	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Benzene	0.25	1.0	0.13	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Bromomethane	ND	5.0	1.1	µg/L	1	V-34	SW-846 8260D	12/22/21	12/22/21 16:06	LBD
2-Butanone (MEK)	2.1	20	1.9	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 16:06	LBD
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1	V-05	SW-846 8260D	12/22/21	12/22/21 16:06	LBD
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Chloromethane	ND	2.0	0.38	µg/L	1	V-05, V-34	SW-846 8260D	12/22/21	12/22/21 16:06	LBD
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
1,1-Dichloroethane	3.5	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
cis-1,2-Dichloroethylene	7.2	1.0	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: SOH-DGW-DUP-4 | Sampled: 12/17/2021 07:00

Sample ID: 21L1482-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
1,4-Dioxane	110	50	22	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Methyl Acetate	ND	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Methyl tert-Butyl Ether (MTBE)	0.26	1.0	0.17	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Methyl Cyclohexane	0.37	1.0	0.33	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Toluene	0.39	1.0	0.11	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 16:06	LBD
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
1,1,1-Trichloroethane	0.86	1.0	0.17	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 16:06	LBD
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Trichloroethylene	11	1.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
1,2,4-Trimethylbenzene	0.12	1.0	0.10	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 16:06	LBD
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
Vinyl Chloride	8.3	2.0	0.20	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:06	LBD
m+p Xylene	0.31	2.0	0.18	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 16:06	LBD
o-Xylene	0.11	1.0	0.090	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 16:06	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	81.2	70-130		12/22/21 16:06
Toluene-d8	95.4	70-130		12/22/21 16:06
4-Bromofluorobenzene	97.7	70-130		12/22/21 16:06

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: SOH-DGW-DUP-4 | Sampled: 12/17/2021 07:00

Sample ID: 21L1482-03

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
tert-Amyl Alcohol	8.2	µg/L	1592	4.665	1	75-85-4	85	SW-846 8260D	12/22/21	12/22/21 16:06	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: SOH-DGW-22 (14-18) | Sampled: 12/17/2021 10:00

Sample ID: 21L1482-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	8.2	50	2.4	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Benzene	0.24	1.0	0.13	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Bromomethane	ND	5.0	1.1	µg/L	1	V-34	SW-846 8260D	12/22/21	12/22/21 16:32	LBD
2-Butanone (MEK)	2.1	20	1.9	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 16:32	LBD
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1	V-05	SW-846 8260D	12/22/21	12/22/21 16:32	LBD
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Chloromethane	ND	2.0	0.38	µg/L	1	V-05, V-34	SW-846 8260D	12/22/21	12/22/21 16:32	LBD
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
1,1-Dichloroethane	3.4	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
cis-1,2-Dichloroethylene	7.1	1.0	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: SOH-DGW-22 (14-18) | Sampled: 12/17/2021 10:00

Sample ID: 21L1482-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
1,4-Dioxane	130	50	22	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Methyl Acetate	ND	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Methyl tert-Butyl Ether (MTBE)	0.27	1.0	0.17	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Methyl Cyclohexane	0.35	1.0	0.33	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Toluene	0.37	1.0	0.11	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 16:32	LBD
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
1,1,1-Trichloroethane	0.99	1.0	0.17	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 16:32	LBD
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Trichloroethylene	11	1.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
1,2,4-Trimethylbenzene	0.11	1.0	0.10	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 16:32	LBD
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
Vinyl Chloride	9.2	2.0	0.20	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:32	LBD
m+p Xylene	0.30	2.0	0.18	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 16:32	LBD
o-Xylene	0.090	1.0	0.090	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 16:32	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	78.1	70-130		12/22/21 16:32
Toluene-d8	94.8	70-130		12/22/21 16:32
4-Bromofluorobenzene	96.1	70-130		12/22/21 16:32

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: SOH-DGW-22 (14-18) | Sampled: 12/17/2021 10:00

Sample ID: 21L1482-04

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
tert-Amyl Alcohol	7.4	µg/L	1481	4.659	1	75-85-4	83	SW-846 8260D	12/22/21	12/22/21 16:32	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: SOH-DGW-22 (3-7) | Sampled: 12/17/2021 10:30

Sample ID: 21L1482-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	12	50	2.4	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Benzene	0.15	1.0	0.13	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Bromomethane	ND	5.0	1.1	µg/L	1	V-34	SW-846 8260D	12/22/21	12/22/21 16:58	LBD
2-Butanone (MEK)	2.8	20	1.9	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 16:58	LBD
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1	V-05	SW-846 8260D	12/22/21	12/22/21 16:58	LBD
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Chloromethane	ND	2.0	0.38	µg/L	1	V-05, V-34	SW-846 8260D	12/22/21	12/22/21 16:58	LBD
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: SOH-DGW-22 (3-7) | Sampled: 12/17/2021 10:30

Sample ID: 21L1482-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Methyl Acetate	ND	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Toluene	0.25	1.0	0.11	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 16:58	LBD
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD
m+p Xylene	0.19	2.0	0.18	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 16:58	LBD
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 16:58	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	80.3	70-130		12/22/21 16:58
Toluene-d8	95.8	70-130		12/22/21 16:58
4-Bromofluorobenzene	96.7	70-130		12/22/21 16:58

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: SOH-DGW-22 (3-7) | Sampled: 12/17/2021 10:30

Sample ID: 21L1482-05

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/22/21	12/22/21 16:58	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: SOH-DGW-EB-4 | Sampled: 12/17/2021 12:00

Sample ID: 21L1482-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Bromomethane	ND	5.0	1.1	µg/L	1	V-34	SW-846 8260D	12/22/21	12/22/21 17:24	LBD
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1	V-05	SW-846 8260D	12/22/21	12/22/21 17:24	LBD
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Chloromethane	ND	2.0	0.38	µg/L	1	V-05, V-34	SW-846 8260D	12/22/21	12/22/21 17:24	LBD
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: SOH-DGW-EB-4 | Sampled: 12/17/2021 12:00

Sample ID: 21L1482-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Methyl Acetate	ND	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:24	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	80.3	70-130		12/22/21 17:24
Toluene-d8	94.9	70-130		12/22/21 17:24
4-Bromofluorobenzene	95.9	70-130		12/22/21 17:24

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: SOH-DGW-EB-4 | Sampled: 12/17/2021 12:00

Sample ID: 21L1482-06

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/22/21	12/22/21 17:24	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: SOH-DGW-22 (19-23) | Sampled: 12/17/2021 14:00

Sample ID: 21L1482-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	9.2	50	2.4	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Benzene	0.18	1.0	0.13	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Bromomethane	ND	5.0	1.1	µg/L	1	V-34	SW-846 8260D	12/22/21	12/22/21 17:50	LBD
2-Butanone (MEK)	2.4	20	1.9	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 17:50	LBD
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1	V-05	SW-846 8260D	12/22/21	12/22/21 17:50	LBD
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Chloromethane	ND	2.0	0.38	µg/L	1	V-05, V-34	SW-846 8260D	12/22/21	12/22/21 17:50	LBD
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: SOH-DGW-22 (19-23) | Sampled: 12/17/2021 14:00

Sample ID: 21L1482-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
1,4-Dioxane	28	50	22	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Methyl Acetate	ND	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Toluene	0.16	1.0	0.11	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 17:50	LBD
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Trichloroethylene	0.22	1.0	0.18	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
Vinyl Chloride	0.60	2.0	0.20	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 17:50	LBD
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 17:50	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	78.7	70-130		12/22/21 17:50
Toluene-d8	94.8	70-130		12/22/21 17:50
4-Bromofluorobenzene	96.9	70-130		12/22/21 17:50

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: SOH-DGW-22 (19-23) | Sampled: 12/17/2021 14:00

Sample ID: 21L1482-07

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/22/21	12/22/21 17:50	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: SOH-DGW-18 (6-10) | Sampled: 12/20/2021 11:00

Sample ID: 21L1482-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	4.4	50	2.4	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Benzene	0.42	1.0	0.13	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Bromomethane	ND	5.0	1.1	µg/L	1	V-34	SW-846 8260D	12/22/21	12/22/21 18:16	LBD
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1	V-05	SW-846 8260D	12/22/21	12/22/21 18:16	LBD
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Chloromethane	ND	2.0	0.38	µg/L	1	V-05, V-34	SW-846 8260D	12/22/21	12/22/21 18:16	LBD
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: SOH-DGW-18 (6-10) | Sampled: 12/20/2021 11:00

Sample ID: 21L1482-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Methyl Acetate	ND	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Methyl Cyclohexane	0.38	1.0	0.33	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Toluene	0.60	1.0	0.11	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 18:16	LBD
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
1,2,4-Trimethylbenzene	0.13	1.0	0.10	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 18:16	LBD
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:16	LBD
m+p Xylene	0.40	2.0	0.18	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 18:16	LBD
o-Xylene	0.12	1.0	0.090	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 18:16	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	81.4	70-130		12/22/21 18:16
Toluene-d8	95.7	70-130		12/22/21 18:16
4-Bromofluorobenzene	97.6	70-130		12/22/21 18:16

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: SOH-DGW-18 (6-10) | Sampled: 12/20/2021 11:00

Sample ID: 21L1482-08

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/22/21	12/22/21 18:16	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: SOH-DGW-18 (11-15) | Sampled: 12/20/2021 11:10

Sample ID: 21L1482-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	2.9	50	2.4	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Benzene	0.32	1.0	0.13	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Bromomethane	ND	5.0	1.1	µg/L	1	V-34	SW-846 8260D	12/22/21	12/22/21 18:42	LBD
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1	V-05	SW-846 8260D	12/22/21	12/22/21 18:42	LBD
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Chloromethane	ND	2.0	0.38	µg/L	1	V-05, V-34	SW-846 8260D	12/22/21	12/22/21 18:42	LBD
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: SOH-DGW-18 (11-15) | Sampled: 12/20/2021 11:10

Sample ID: 21L1482-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Methyl Acetate	ND	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Methyl tert-Butyl Ether (MTBE)	0.42	1.0	0.17	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Methyl Cyclohexane	0.41	1.0	0.33	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Toluene	0.54	1.0	0.11	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 18:42	LBD
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
1,2,4-Trimethylbenzene	0.10	1.0	0.10	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 18:42	LBD
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/22/21	12/22/21 18:42	LBD
m+p Xylene	0.40	2.0	0.18	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 18:42	LBD
o-Xylene	0.10	1.0	0.090	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 18:42	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	79.8	70-130		12/22/21 18:42
Toluene-d8	95.3	70-130		12/22/21 18:42
4-Bromofluorobenzene	97.0	70-130		12/22/21 18:42

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: SOH-DGW-18 (11-15) | Sampled: 12/20/2021 11:10

Sample ID: 21L1482-09

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/22/21	12/22/21 18:42	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: SOH-DGW-18 (17-21) | Sampled: 12/20/2021 11:20

Sample ID: 21L1482-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	5.6	50	2.4	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Benzene	0.29	1.0	0.13	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Bromomethane	ND	5.0	1.1	µg/L	1	V-34	SW-846 8260D	12/22/21	12/22/21 19:08	LBD
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1	V-05	SW-846 8260D	12/22/21	12/22/21 19:08	LBD
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Chloromethane	ND	2.0	0.38	µg/L	1	V-05, V-34	SW-846 8260D	12/22/21	12/22/21 19:08	LBD
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
cis-1,2-Dichloroethylene	0.18	1.0	0.15	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 19:08	LBD
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: SOH-DGW-18 (17-21) | Sampled: 12/20/2021 11:20

Sample ID: 21L1482-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Methyl Acetate	ND	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Methyl tert-Butyl Ether (MTBE)	0.51	1.0	0.17	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Toluene	0.33	1.0	0.11	µg/L	1	J	SW-846 8260D	12/22/21	12/22/21 19:08	LBD
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Trichloroethylene	1.6	1.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/22/21	12/22/21 19:08	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	78.4	70-130		12/22/21 19:08
Toluene-d8	95.7	70-130		12/22/21 19:08
4-Bromofluorobenzene	97.2	70-130		12/22/21 19:08

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Project Location: Henrietta, NY Sample Description: Work Order: 21L1482

Date Received: 12/21/2021

Field Sample #: SOH-DGW-18 (17-21) Sampled: 12/20/2021 11:20

Sample ID: 21L1482-10

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/22/21	12/22/21 19:08	LBD

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

SOH-DGW-20 (16-20)

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L1482
Client:	NYDEC_TRC Environmental Corporation- Clifton Par	Project:	Stuart Olver Holtz- CO SMPB0001
Matrix:	Water	Analysis:	SW-846 8260D
Batch:	B297529	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B297529-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	21L1482-01
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
Acetone	100	11.5	89.8	78.4		70 - 130
Acrylonitrile	10.0	1.35	10.8	94.3		70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	ND	10.7	107		70 - 130
Benzene	10.0	0.250	11.4	111		70 - 130
Bromobenzene	10.0	ND	11.2	112		70 - 130
Bromochloromethane	10.0	ND	12.3	123		70 - 130
Bromodichloromethane	10.0	ND	10.6	106		70 - 130
Bromoform	10.0	ND	9.98	99.8		70 - 130
Bromomethane	10.0	ND	19.6	196	*	70 - 130
2-Butanone (MEK)	100	3.04	87.5	84.5		70 - 130
tert-Butyl Alcohol (TBA)	100	ND	90.4	90.4		70 - 130
n-Butylbenzene	10.0	ND	9.45	94.5		70 - 130
sec-Butylbenzene	10.0	ND	10.5	105		70 - 130
tert-Butylbenzene	10.0	ND	11.4	114		70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	ND	10.4	104		70 - 130
Carbon Disulfide	100	ND	101	101		70 - 130
Carbon Tetrachloride	10.0	ND	10.8	108		70 - 130
Chlorobenzene	10.0	ND	12.1	121		70 - 130
Chlorodibromomethane	10.0	ND	11.2	112		70 - 130
Chloroethane	10.0	ND	11.8	118		70 - 130
Chloroform	10.0	ND	10.2	102		70 - 130
Chloromethane	10.0	ND	5.89	58.9	*	70 - 130
2-Chlorotoluene	10.0	ND	11.2	112		70 - 130
4-Chlorotoluene	10.0	ND	11.2	112		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	ND	8.81	88.1		70 - 130
1,2-Dibromoethane (EDB)	10.0	ND	11.4	114		70 - 130
Dibromomethane	10.0	ND	11.2	112		70 - 130
1,2-Dichlorobenzene	10.0	ND	10.9	109		70 - 130
1,3-Dichlorobenzene	10.0	ND	11.0	110		70 - 130
1,4-Dichlorobenzene	10.0	ND	11.0	110		70 - 130

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

SOH-DGW-20 (16-20)

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L1482
Client:	NYDEC_TRC Environmental Corporation- Clifton Par	Project:	Stuart Olver Holtz- CO SMPB0001
Matrix:	Water	Analysis:	SW-846 8260D
Batch:	B297529	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B297529-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	21L1482-01
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
1,1,2,2-Tetrachloroethane	10.0	ND	10.8	108		70 - 130
Tetrachloroethylene	10.0	ND	13.3	133	*	70 - 130
Tetrahydrofuran	10.0	ND	9.49	94.9		70 - 130
Toluene	10.0	0.210	12.3	120		70 - 130
1,2,3-Trichlorobenzene	10.0	ND	8.66	86.6		70 - 130
1,2,4-Trichlorobenzene	10.0	ND	9.45	94.5		70 - 130
1,3,5-Trichlorobenzene	10.0	ND	9.38	93.8		70 - 130
1,1,1-Trichloroethane	10.0	ND	10.7	107		70 - 130
1,1,2-Trichloroethane	10.0	ND	11.3	113		70 - 130
Trichloroethylene	10.0	ND	13.9	139	*	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	ND	10.7	107		70 - 130
1,2,3-Trichloropropane	10.0	ND	11.4	114		70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	ND	12.2	122		70 - 130
1,2,4-Trimethylbenzene	10.0	ND	11.0	110		70 - 130
1,3,5-Trimethylbenzene	10.0	ND	11.6	116		70 - 130
Vinyl Chloride	10.0	ND	11.8	118		70 - 130
m+p Xylene	20.0	ND	23.9	119		70 - 130
o-Xylene	10.0	ND	11.8	118		70 - 130

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

SOH-DGW-20 (16-20)

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L1482
Client:	NYDEC_TRC Environmental Corporation- Clifton Par	Project:	Stuart Olver Holtz- CO SMPB0001
Matrix:	Water	Analysis:	SW-846 8260D
Batch:	B297529	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B297529-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	21L1482-01
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	88.6	77.2		1.36	30	70 - 130
Acrylonitrile	10.0	11.1	97.4		2.83	30	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.5	105		1.89	30	70 - 130
Benzene	10.0	11.0	108		2.95	30	70 - 130
Bromobenzene	10.0	11.0	110		1.98	30	70 - 130
Bromochloromethane	10.0	12.3	123		0.569	30	70 - 130
Bromodichloromethane	10.0	10.4	104		1.71	30	70 - 130
Bromoform	10.0	9.77	97.7		2.13	30	70 - 130
Bromomethane	10.0	21.5	215	*	9.25	30	70 - 130
2-Butanone (MEK)	100	84.3	81.2		3.78	30	70 - 130
tert-Butyl Alcohol (TBA)	100	84.0	84.0		7.28	30	70 - 130
n-Butylbenzene	10.0	8.89	88.9		6.11	30	70 - 130
sec-Butylbenzene	10.0	10.0	100		5.06	30	70 - 130
tert-Butylbenzene	10.0	11.0	110		4.11	30	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	10.1	101		3.11	30	70 - 130
Carbon Disulfide	100	98.8	98.8		2.48	30	70 - 130
Carbon Tetrachloride	10.0	10.5	105		3.10	30	70 - 130
Chlorobenzene	10.0	11.7	117		3.29	30	70 - 130
Chlorodibromomethane	10.0	10.7	107		4.46	30	70 - 130
Chloroethane	10.0	11.5	115		2.83	30	70 - 130
Chloroform	10.0	10.3	103		1.36	30	70 - 130
Chloromethane	10.0	5.40	54.0	*	8.68	30	70 - 130
2-Chlorotoluene	10.0	11.0	110		1.45	30	70 - 130
4-Chlorotoluene	10.0	10.9	109		2.35	30	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	8.51	85.1		3.46	30	70 - 130
1,2-Dibromoethane (EDB)	10.0	10.7	107		6.16	30	70 - 130
Dibromomethane	10.0	11.2	112		0.178	30	70 - 130
1,2-Dichlorobenzene	10.0	10.6	106		2.70	30	70 - 130
1,3-Dichlorobenzene	10.0	10.5	105		5.03	30	70 - 130
1,4-Dichlorobenzene	10.0	10.4	104		5.31	30	70 - 130

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

SOH-DGW-20 (16-20)

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L1482
Client:	NYDEC_TRC Environmental Corporation- Clifton Par	Project:	Stuart Olver Holtz- CO SMPB0001
Matrix:	Water	Analysis:	SW-846 8260D
Batch:	B297529	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B297529-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	21L1482-01
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
1,1,2,2-Tetrachloroethane	10.0	10.2	102	5.54	30	70 - 130
Tetrachloroethylene	10.0	12.6	126	5.18	30	70 - 130
Tetrahydrofuran	10.0	8.69	86.9	8.80	30	70 - 130
Toluene	10.0	11.7	115	4.93	30	70 - 130
1,2,3-Trichlorobenzene	10.0	8.15	81.5	6.07	30	70 - 130
1,2,4-Trichlorobenzene	10.0	8.88	88.8	6.22	30	70 - 130
1,3,5-Trichlorobenzene	10.0	8.91	89.1	5.14	30	70 - 130
1,1,1-Trichloroethane	10.0	10.4	104	3.41	30	70 - 130
1,1,2-Trichloroethane	10.0	10.9	109	3.42	30	70 - 130
Trichloroethylene	10.0	12.8	128	7.86	30	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	10.1	101	5.47	30	70 - 130
1,2,3-Trichloropropane	10.0	10.3	103	9.31	30	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	12.0	120	1.48	30	70 - 130
1,2,4-Trimethylbenzene	10.0	10.5	105	5.11	30	70 - 130
1,3,5-Trimethylbenzene	10.0	11.0	110	5.40	30	70 - 130
Vinyl Chloride	10.0	11.3	113	4.43	30	70 - 130
m+p Xylene	20.0	23.0	115	3.71	20	70 - 130
o-Xylene	10.0	11.3	113	4.25	30	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L1482
Client:	NYDEC_TRC Environmental Corporation- Clifton Par	Project:	Stuart Olver Holtz- CO SMPB0001
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B297529	Laboratory ID:	B297529-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Acetone	100	86.9	86.9		70 - 160
Acrylonitrile	10.0	9.88	98.8		70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.2	102		70 - 130
Benzene	10.0	10.1	101		70 - 130
Bromobenzene	10.0	10.3	103		70 - 130
Bromochloromethane	10.0	11.8	118		70 - 130
Bromodichloromethane	10.0	9.53	95.3		70 - 130
Bromoform	10.0	9.83	98.3		70 - 130
Bromomethane	10.0	19.6	196	*	40 - 160
2-Butanone (MEK)	100	86.7	86.7		40 - 160
tert-Butyl Alcohol (TBA)	100	85.2	85.2		40 - 160
n-Butylbenzene	10.0	9.08	90.8		70 - 130
sec-Butylbenzene	10.0	9.78	97.8		70 - 130
tert-Butylbenzene	10.0	10.4	104		70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	9.55	95.5		70 - 130
Carbon Disulfide	100	92.4	92.4		70 - 130
Carbon Tetrachloride	10.0	9.80	98.0		70 - 130
Chlorobenzene	10.0	11.0	110		70 - 130
Chlorodibromomethane	10.0	10.4	104		70 - 130
Chloroethane	10.0	10.4	104		70 - 130
Chloroform	10.0	9.63	96.3		70 - 130
Chloromethane	10.0	4.62	46.2		40 - 160
2-Chlorotoluene	10.0	10.5	105		70 - 130
4-Chlorotoluene	10.0	10.4	104		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	8.45	84.5		70 - 130
1,2-Dibromoethane (EDB)	10.0	10.3	103		70 - 130
Dibromomethane	10.0	10.7	107		70 - 130
1,2-Dichlorobenzene	10.0	10.1	101		70 - 130
1,3-Dichlorobenzene	10.0	10.2	102		70 - 130
1,4-Dichlorobenzene	10.0	10.0	100		70 - 130
trans-1,4-Dichloro-2-butene	10.0	9.80	98.0		70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	9.68	96.8		40 - 160
1,1-Dichloroethane	10.0	9.95	99.5		70 - 130
1,2-Dichloroethane	10.0	9.44	94.4		70 - 130
1,1-Dichloroethylene	10.0	10.4	104		70 - 130
cis-1,2-Dichloroethylene	10.0	9.93	99.3		70 - 130
trans-1,2-Dichloroethylene	10.0	10.5	105		70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L1482
Client:	NYDEC_TRC Environmental Corporation- Clifton Par	Project:	Stuart Olver Holtz- CO SMPB0001
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B297529	Laboratory ID:	B297529-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
1,2,4-Trimethylbenzene	10.0	10.1	101	70 - 130
1,3,5-Trimethylbenzene	10.0	10.7	107	70 - 130
Vinyl Chloride	10.0	10.0	100	40 - 160
m+p Xylene	20.0	22.1	111	70 - 130
o-Xylene	10.0	10.6	106	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	78.8	78.8		9.89	25	70 - 160
Acrylonitrile	10.0	9.76	97.6		1.22	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	9.57	95.7		5.98	25	70 - 130
Benzene	10.0	9.59	95.9		5.18	25	70 - 130
Bromobenzene	10.0	10.1	101		1.67	25	70 - 130
Bromochloromethane	10.0	11.4	114		3.11	25	70 - 130
Bromodichloromethane	10.0	9.56	95.6		0.314	25	70 - 130
Bromoform	10.0	9.28	92.8		5.76	25	70 - 130
Bromomethane	10.0	17.8	178	*	9.96	25	40 - 160
2-Butanone (MEK)	100	78.2	78.2		10.3	25	40 - 160
tert-Butyl Alcohol (TBA)	100	75.3	75.3		12.3	25	40 - 160
n-Butylbenzene	10.0	8.98	89.8		1.11	25	70 - 130
sec-Butylbenzene	10.0	9.67	96.7		1.13	25	70 - 130
tert-Butylbenzene	10.0	10.1	101		2.34	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	9.15	91.5		4.28	25	70 - 130
Carbon Disulfide	100	88.0	88.0		4.87	25	70 - 130
Carbon Tetrachloride	10.0	9.22	92.2		6.10	25	70 - 130
Chlorobenzene	10.0	10.8	108		2.21	25	70 - 130
Chlorodibromomethane	10.0	10.1	101		2.44	25	70 - 130
Chloroethane	10.0	10.0	100		3.53	25	70 - 130
Chloroform	10.0	9.18	91.8		4.78	25	70 - 130
Chloromethane	10.0	4.34	43.4		6.25	25	40 - 160
2-Chlorotoluene	10.0	10.2	102		2.12	25	70 - 130
4-Chlorotoluene	10.0	10.2	102		2.33	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	8.08	80.8		4.48	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	10.2	102		1.17	25	70 - 130
Dibromomethane	10.0	10.4	104		2.94	25	70 - 130

Quantitation Report (QT Reviewed)

Data Path : \\Voa2\MSDChem\1\DATA\B060920\
Data File : B2016126.D
Acq On : 9 Jun 2020 4:18 pm
Operator :
Sample : ICV Inst : GCMSVOA2
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 10 08:28:45 2020
Quant Method : Y:\1\METHODS\B060920W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 10 07:24:56 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.287	168	94974	30.00	UG/L		0.00
44) 1,4-DIFLOUROBENZENE - ...	5.009	114	150310	30.00	UG/L		0.00
65) CHLOROBENZENE-D5 ISTD	7.839	82	82662	30.00	UG/L		0.00
84) 1,4-DICHLOROBENZENE-D4...	10.136	152	85779	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.568	65	59090	24.14	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.56%				
45) TOLUENE-D8 SS	6.435	98	156551	24.92	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.68%				
66) 4-BROMOFLUROBENZENE SS	8.999	95	64830	25.27	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.08%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.129	85	19858	10.16	UG/L		98
4) DIFLUOROCHLOROMETHANE	1.138	51	28205	10.46	UG/L		99
5) CHLOROMETHANE	1.243	50	27011	4.55	UG/L		99
6) VINYL CHLORIDE	1.308	62	19788	8.92	UG/L		99
7) BROMOMETHANE	1.502	94	1972	6.26	UG/L		92
8) CHLOROETHANE	1.570	64	11260	9.26	UG/L		97
9) FLUORODICHLOROMETHANE	1.698	67	30078	9.88	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.732	101	24186	9.62	UG/L		95
11) ETHANOL	1.880	45	3176	103.19	UG/L	#	76
12) DI ETHYL ETHER	1.928	59	13625	10.63	UG/L		98
13) ACROLEIN	2.033	56	37570	82.73	UG/L	#	98
14) ACETONE	2.150	43	67486	100.20	UG/L		98
15) 1,1-DICHLOROETHENE	2.093	61	27104	10.70	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	2.087	101	13557	11.11	UG/L		94
17) IODOMETHANE	2.215	142	5332	10.05	UG/L		96
18) METHYL ACETATE	2.403	43	20287	9.51	UG/L		100
19) T-BUTYL ALCOHOL	2.604	59	22843	96.58	UG/L		99
20) ACRYLONITRILE	2.724	53	7937	10.69	UG/L		97
21) METHYLENE CHLORIDE	2.488	49	27544	9.96	UG/L		99
22) CARBON DISULFIDE	2.263	76	38971	9.69	UG/L		99
23) METHYL TERT-BUTYL ETHE...	2.727	73	42154	10.80	UG/L		99
24) TRANS 1,2-DICHLOROETHENE	2.721	61	25087	10.44	UG/L		97
25) 1,1-DICHLOROETHANE	3.150	63	31291	10.56	UG/L		98
26) VINYL ACETATE	3.213	43	476129	96.02	UG/L		100
27) DI ISOPROPYL ETHER	3.215	45	64601	9.97	UG/L		99
28) 2-BUTANONE	3.778	43	98628	93.92	UG/L		100
29) T-BUTYL ETHYL ETHER	3.588	59	52748	9.64	UG/L		99
30) CIS-1,2-DICHLOROETHENE	3.744	61	30804	10.80	UG/L		97
31) 2,2-DICHLOROPROPANE	3.733	77	24201	10.50	UG/L		100
32) ETHYL ACETATE	3.838	43	26568m	11.53	UG/L		
33) BROMOCHLOROMETHANE	3.988	128	7355	11.85	UG/L		98
34) TETRAHYDROFURAN	4.037	42	6996m	10.59	UG/L		
35) T-BUTYL FORMATE	4.128	59	15704	9.30	UG/L		97
36) CHLOROFORM	4.077	83	27502	10.29	UG/L		98
37) 1,1,1-TRICHLOROETHANE	4.236	97	24985	10.42	UG/L		98
38) CYCLOHEXANE	4.278	56	39577	10.94	UG/L		99
39) CARBON TETRACHLORIDE	4.392	117	22142	10.25	UG/L		99
40) 1,1-DICHLOROPROPENE	4.406	75	19772	9.52	UG/L		99
41) BENZENE	4.611	78	58021	10.08	UG/L		99
42) T-AMYL ALCOHOL	4.665	59	17568	100.51	UG/L		99
43) T-AMYLMETHYL ETHER	4.727	73	41079	10.31	UG/L		95
46) 1,2-DICHLOROETHANE	4.648	62	26500	10.99	UG/L		99
47) TRICHLOROETHENE	5.247	95	15898	10.89	UG/L		100

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L1482
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA2	Calibration:	2000186
Lab File ID:	B21V35605.D	Calibration Date:	06/09/20 08:37
Sequence:	S066725	Injection Date:	12/22/21
Lab Sample ID:	S066725-CCV1	Injection Time:	12:38

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	80.4	0.212736	0.1710397		-19.6	20	
Acrylonitrile	A	10.0	10.0	0.2344508	0.2353996		0.4	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	9.72	1.258459	1.223543		-2.8	20	
Benzene	A	10.0	9.55	1.817602	1.735427		-4.5	20	
Bromobenzene	A	10.0	10.0	0.9779525	0.9796558		0.2	20	
Bromochloromethane	A	10.0	11.6	0.1959787	0.2270745		15.9	20	
Bromodichloromethane	A	10.0	9.37	0.3852316	0.3611406		-6.3	20	
Bromoform	A	10.0	9.34	0.3779343	0.352872		-6.6	20	
Bromomethane	A	10.0	18.5	0.1593963	0.3057032		84.6	20	*
2-Butanone (MEK)	A	100	82.0	0.331706	0.2719786		-18.0	20	
tert-Butyl Alcohol (TBA)	A	100	78.5	7.471108E-02	5.865664E-02		-21.5	20	*
n-Butylbenzene	A	10.0	9.18	2.3317	2.140728		-8.2	20	
sec-Butylbenzene	A	10.0	9.60	2.877135	2.763268		-4.0	20	
tert-Butylbenzene	A	10.0	10.2	1.923578	1.954187		1.6	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	9.14	1.728532	1.579413		-8.6	20	
Carbon Disulfide	A	100	88.9	1.270917	1.129423		-11.1	20	
Carbon Tetrachloride	A	10.0	9.57	0.6823544	0.6527075		-4.3	20	
Chlorobenzene	A	10.0	10.8	1.528388	1.656892		8.4	20	
Chlorodibromomethane	A	10.0	10.1	0.2959761	0.3001251		1.4	20	
Chloroethane	A	10.0	10.0	0.383947	0.3844671		0.1	20	
Chloroform	A	10.0	9.21	0.8443192	0.7773673		-7.9	20	
Chloromethane	A	10.0	4.46	1.874805	0.8361834		-55.4	20	*
2-Chlorotoluene	A	10.0	10.2	1.924599	1.962577		2.0	20	
4-Chlorotoluene	A	10.0	10.2	2.239113	2.289717		2.3	20	
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	8.35	0.1356244	0.1132316		-16.5	20	
1,2-Dibromoethane (EDB)	A	10.0	9.83	0.2715879	0.2670266		-1.7	20	
Dibromomethane	A	10.0	10.2	0.1743876	0.1786933		2.5	20	
1,2-Dichlorobenzene	A	10.0	9.97	1.208544	1.205035		-0.3	20	
1,3-Dichlorobenzene	A	10.0	9.91	1.264831	1.253918		-0.9	20	

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Stuart Olver Holtz #48022480
Con-Test Analytical Laboratory SDG#21L0225
February 8, 2022
Sampling date: 12/1/2021

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for TRC, project located at Stuart Olver Holtz #48022480, Con-Test Analytical Laboratory SDG#21L0225-1 submitted to Vali-Data of WNY, LLC on December 15, 2021. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analysis using USEPA method Volatile Organics (8260D).

ID	Sample ID	Laboratory ID
1	Trip Blank	21L0225-01
2	SOH-DGW-06(11-15)	21L0225-02
3	SOH-DGW-02(33-37)	21L0225-03
4	SOH-DGW-06(7-11)	21L0225-04
5	SOH-DGW-17(22-26)	21L0225-05
6	SOH-DGW-EB-1	21L0225-06
7	SOH-DGW-17(11-15)	21L0225-07
8	SOH-DGW-17(7-11)	21L0225-08
9	SOH-DGW-DUP-1	21L0225-09

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports
-Holding Times
-Internal Standard (IS) Area Performance
-Surrogate Spike Recoveries
-Method Blank
-Field Duplicate Sample Precision
-Laboratory Control Samples
-MS/MSD
-Compound Quantitation
-Initial Calibration
-Continuing Calibration
-GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in Laboratory Control Samples, MS/MSD, Initial Calibration and Continuing Calibration.

Samples: 4, 7-9 were diluted due to high target analyte concentrations.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.
Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met except the pH of one sample was outside QC limits. That sample was analyzed within the 7-day window, so no further action is required.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All criteria were met except 1,1,2-Trichloro-1,2,2-trifluoroethane was detected in SOH-DGW-DUP-1 but was not detected in SOH-DGW-17(22-26).

LABORATORY CONTROL SAMPLES
All criteria were met except some target analytes were outside QC limits in the laboratory control samples and should be qualified as estimated.

LCS ID	Target Analyte	RPD	Qualifier	Associated Sample
B296241-BS1/BSD1	Chloromethane	37.7	UJ/J	1, 3-9
B296241-BS1/BSD1	trans-1,2-Dichloroethene	25.7	UJ/J	1, 3-9

MS/MSD
All criteria were met except some target analytes were outside QC limits and should be qualified as estimated. Target analytes in which the %Rec was outside QC limits, high should be

qualified as estimated high in the associated samples in which they were detected. Target analytes in which the %Rec was outside QC limits, low or the RPD was outside QC limits, should be qualified as estimated in the associated samples.

Target analyte	%Rec 2MS	%Rec 2MSD	RPD	Qualifier	Associated Sample
1,1-Dichloroethane	175	231	-	JH	2
Vinyl Chloride	63.7	68.7	-	J	2

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION
All criteria were met except the RRF of Bromodichloromethane, Chlorodibromomethane, 1,2-Dibromoethane, 1,2-Dichloropropane, cis-1,3-Dichloropropene, 1,4-Dioxane, 1,1,2-Trichloroethane, Trichloroethene, 1,2,3-Trichlorobenzene and 1,2,4-Trichlorobenzene were outside QC limits in the initial calibration. These target analytes should be qualified as estimated in the blanks, samples and spikes.
Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION
All criteria were met except several target analytes were outside QC limits in the continuing calibrations and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	%D/RRF(*)	Qualifier	Associated Sample
S066142	Vinyl Chloride	-28.0	UJ/J	B296241-BLK1,BS1,BSD1, 1, 3-9
S066178	Vinyl Chloride	-32.7	UJ/J	B296342-BLK1,BS1,BSD1, 2, 2MS/MSD
S066142, S066178	Bromodichloromethane	*	UJ/J	All blanks, samples, spikes
S066142, S066178	Chlorodibromomethane	*	UJ/J	All blanks, samples, spikes
S066142, S066178	1,2-Dibromoethane	*	UJ/J	All blanks, samples, spikes
S066142, S066178	1,2-Dichloropropane	*	UJ/J	All blanks, samples, spikes
S066142, S066178	cis-1,3-Dichloropropene	*	UJ/J	All blanks, samples, spikes
S066142, S066178	1,4-Dioxane	*	UJ/J	All blanks, samples, spikes
S066142, S066178	1,1,2-Trichloroethane	*	UJ/J	All blanks, samples, spikes
S066178	Trichloroethene	*	UJ/J	B296342-BLK1,BS1,BSD1, 2, 2MS/MSD

CCal ID	Target Analyte	%D/RRF(*)	Qualifier	Associated Sample
S066142, S066178	1,2,3-Trichlorobenzene	*	UJ/J	All blanks, samples, spikes
S066178	1,2,4-Trichlorobenzene	*	UJ/J	B296342-BLK1,BS1,BSD1, 2, 2MS/MSD

GC/MS PERFORMANCE CHECK

All criteria were met.

.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For 8260 Tentatively Identified Compounds (TICs) results will not include calibrated compounds that were not requested.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SW-846 8260D

Qualifications:

L-07

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

Methyl Acetate

B296342-BS1

MS-09

Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Vinyl Chloride

21L0225-02[SOH-DGW-06 (11-15)], B296342-MS1, B296342-MSD1

MS-19

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:

1,1-Dichloroethane

21L0225-02[SOH-DGW-06 (11-15)], B296342-MS1, B296342-MSD1

PR-08

pH of sample (pH 5) is outside of method specified preservation criteria.

Analyte & Samples(s) Qualified:

21L0225-08[SOH-DGW-17 (7-11)]

R-05

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

Chloromethane

21L0225-01[Trip Blank], 21L0225-03[SOH-DGW-02 (33-37)], 21L0225-04[SOH-DGW-06 (7-11)], 21L0225-05[SOH-DGW-17 (22-26)], 21L0225-06[SOH-DGW-EB-1], 21L0225-07[SOH-DGW-17 (11-15)], 21L0225-08[SOH-DGW-17 (7-11)], 21L0225-09[SOH-DGW-DUP-1], B296241-BLK1, B296241-BS1, B296241-BSD1

trans-1,2-Dichloroethylene

21L0225-01[Trip Blank], 21L0225-03[SOH-DGW-02 (33-37)], 21L0225-04[SOH-DGW-06 (7-11)], 21L0225-05[SOH-DGW-17 (22-26)], 21L0225-06[SOH-DGW-EB-1], 21L0225-07[SOH-DGW-17 (11-15)], 21L0225-08[SOH-DGW-17 (7-11)], 21L0225-09[SOH-DGW-DUP-1], B296241-BLK1, B296241-BS1, B296241-BSD1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

21L0225-02[SOH-DGW-06 (11-15)], 21L0225-04[SOH-DGW-06 (7-11)], 21L0225-05[SOH-DGW-17 (22-26)], 21L0225-07[SOH-DGW-17 (11-15)], 21L0225-08[SOH-DGW-17 (7-11)], 21L0225-09[SOH-DGW-DUP-1]

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

Methyl Acetate

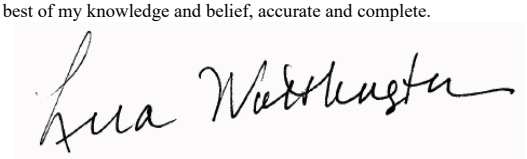
21L0225-01[Trip Blank], 21L0225-02[SOH-DGW-06 (11-15)], 21L0225-03[SOH-DGW-02 (33-37)], 21L0225-04[SOH-DGW-06 (7-11)], 21L0225-05[SOH-DGW-17 (22-26)], 21L0225-06[SOH-DGW-EB-1], 21L0225-07[SOH-DGW-17 (11-15)], 21L0225-08[SOH-DGW-17 (7-11)], 21L0225-09[SOH-DGW-DUP-1], B296241-BLK1, B296241-BS1, B296241-BSD1, B296342-BLK1, B296342-BS1, B296342-BSD1, B296342-MS1, B296342-MSD1, S066142-CCV1, S066178-CCV1

Vinyl Chloride

21L0225-01[Trip Blank], 21L0225-02[SOH-DGW-06 (11-15)], 21L0225-03[SOH-DGW-02 (33-37)], 21L0225-04[SOH-DGW-06 (7-11)], 21L0225-05[SOH-DGW-17 (22-26)], 21L0225-06[SOH-DGW-EB-1], 21L0225-07[SOH-DGW-17 (11-15)], 21L0225-08[SOH-DGW-17 (7-11)], 21L0225-09[SOH-DGW-DUP-1], B296241-BLK1, B296241-BS1, B296241-BSD1, B296342-BLK1, B296342-BS1, B296342-BSD1, B296342-MS1, B296342-MSD1, S066142-CCV1, S066178-CCV1

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The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

con-test® A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0225

Date Received: 12/3/2021

Field Sample #: Trip Blank | Sampled: 12/1/2021 14:50

Sample ID: 21L0225-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
Chloromethane	ND	2.0	0.38	µg/L	1	R-05	SW-846 8260D	12/7/21	12/7/21 12:49	EEH
Cyclohexane	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1	R-05	SW-846 8260D	12/7/21	12/7/21 12:49	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/7/21	12/7/21 12:49	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0225

Date Received: 12/3/2021

Field Sample #: Trip Blank | Sampled: 12/1/2021 14:50

Sample ID: 21L0225-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
Vinyl Chloride	ND	2.0	0.20	µg/L	1	V-05	SW-846 8260D	12/7/21	12/7/21 12:49	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/7/21	12/7/21 12:49	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.8	70-130		12/7/21 12:49
Toluene-d8	99.5	70-130		12/7/21 12:49
4-Bromofluorobenzene	97.6	70-130		12/7/21 12:49

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0225

Date Received: 12/3/2021

Field Sample #: Trip Blank | Sampled: 12/1/2021 14:50

Sample ID: 21L0225-01

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/7/21	12/7/21 12:49	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0225

Date Received: 12/3/2021

Field Sample #: SOH-DGW-06 (11-15) | Sampled: 12/1/2021 15:00

Sample ID: 21L0225-02

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	12000	590	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
Benzene	ND	250	32	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
Bromochloromethane	ND	250	90	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
Bromodichloromethane	ND	120	35	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
Bromoform	ND	250	72	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
Bromomethane	ND	500	270	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
2-Butanone (MEK)	ND	5000	470	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
Carbon Disulfide	ND	1200	380	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
Carbon Tetrachloride	ND	1200	42	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
Chlorobenzene	ND	250	20	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
Chlorodibromomethane	ND	120	40	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
Chloroethane	1800	500	92	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
Chloroform	ND	500	48	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
Chloromethane	ND	500	95	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
Cyclohexane	ND	1200	380	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	1200	180	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
1,2-Dibromoethane (EDB)	ND	120	38	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
1,2-Dichlorobenzene	ND	250	25	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
1,3-Dichlorobenzene	ND	250	22	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
1,4-Dichlorobenzene	ND	250	28	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
Dichlorodifluoromethane (Freon 12)	ND	500	50	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
1,1-Dichloroethane	34000	250	40	µg/L	250	MS-19	SW-846 8260D	12/8/21	12/8/21 15:09	EEH
1,2-Dichloroethane	ND	250	80	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
1,1-Dichloroethylene	1700	250	40	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
cis-1,2-Dichloroethylene	4500	250	38	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
trans-1,2-Dichloroethylene	ND	250	42	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
1,2-Dichloropropane	ND	250	45	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
cis-1,3-Dichloropropene	ND	120	30	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
trans-1,3-Dichloropropene	ND	120	38	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
1,4-Dioxane	ND	12000	5400	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
Ethylbenzene	ND	250	22	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
2-Hexanone (MBK)	ND	2500	350	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
Isopropylbenzene (Cumene)	ND	250	25	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
Methyl Acetate	ND	250	98	µg/L	250	V-05	SW-846 8260D	12/8/21	12/8/21 15:09	EEH
Methyl tert-Butyl Ether (MTBE)	ND	250	42	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
Methyl Cyclohexane	ND	250	82	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
Methylene Chloride	300	1200	75	µg/L	250	J	SW-846 8260D	12/8/21	12/8/21 15:09	EEH
4-Methyl-2-pentanone (MIBK)	ND	2500	400	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
Styrene	ND	250	20	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
1,1,2,2-Tetrachloroethane	ND	120	22	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
Tetrachloroethylene	ND	250	50	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
Toluene	ND	250	28	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
1,2,3-Trichlorobenzene	ND	1200	35	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
1,2,4-Trichlorobenzene	ND	250	40	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0225

Date Received: 12/3/2021

Field Sample #: SOH-DGW-06 (11-15) | Sampled: 12/1/2021 15:00

Sample ID: 21L0225-02

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	4100	250	42	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
1,1,2-Trichloroethane	ND	250	38	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
Trichloroethylene	280	250	45	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
Trichlorofluoromethane (Freon 11)	ND	500	48	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	200	250	60	µg/L	250	J	SW-846 8260D	12/8/21	12/8/21 15:09	EEH
Vinyl Chloride	240	500	50	µg/L	250	MS-09, V-05, J	SW-846 8260D	12/8/21	12/8/21 15:09	EEH
m+p Xylene	ND	500	45	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH
o-Xylene	ND	250	22	µg/L	250		SW-846 8260D	12/8/21	12/8/21 15:09	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		12/8/21 15:09
Toluene-d8	101	70-130		12/8/21 15:09
4-Bromofluorobenzene	97.5	70-130		12/8/21 15:09

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0225

Date Received: 12/3/2021

Field Sample #: SOH-DGW-06 (11-15) | Sampled: 12/1/2021 15:00

Sample ID: 21L0225-02

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			250			SW-846 8260D	12/8/21	12/8/21 15:09	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0225

Date Received: 12/3/2021

Field Sample #: SOH-DGW-02 (33-37) | Sampled: 12/2/2021 08:10

Sample ID: 21L0225-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	120	50	2.4	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
Benzene	0.26	1.0	0.13	µg/L	1	J	SW-846 8260D	12/7/21	12/7/21 13:44	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
2-Butanone (MEK)	45	20	1.9	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
Chloroethane	4.1	2.0	0.37	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
Chloroform	0.42	2.0	0.19	µg/L	1	J	SW-846 8260D	12/7/21	12/7/21 13:44	EEH
Chloromethane	ND	2.0	0.38	µg/L	1	R-05	SW-846 8260D	12/7/21	12/7/21 13:44	EEH
Cyclohexane	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
1,1-Dichloroethane	73	1.0	0.16	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
1,1-Dichloroethylene	2.9	1.0	0.16	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
cis-1,2-Dichloroethylene	6.5	1.0	0.15	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1	R-05	SW-846 8260D	12/7/21	12/7/21 13:44	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
1,4-Dioxane	1100	50	22	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/7/21	12/7/21 13:44	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
Methylene Chloride	0.56	5.0	0.30	µg/L	1	J	SW-846 8260D	12/7/21	12/7/21 13:44	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
Toluene	0.80	1.0	0.11	µg/L	1	J	SW-846 8260D	12/7/21	12/7/21 13:44	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0225

Date Received: 12/3/2021

Field Sample #: SOH-DGW-02 (33-37) | Sampled: 12/2/2021 08:10

Sample ID: 21L0225-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	13	1.0	0.17	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
Trichloroethylene	0.32	1.0	0.18	µg/L	1	J	SW-846 8260D	12/7/21	12/7/21 13:44	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
Vinyl Chloride	1.0	2.0	0.20	µg/L	1	V-05, J	SW-846 8260D	12/7/21	12/7/21 13:44	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:44	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.4	70-130		12/7/21 13:44
Toluene-d8	98.8	70-130		12/7/21 13:44
4-Bromofluorobenzene	96.3	70-130		12/7/21 13:44

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Project Location: Henrietta, NY Sample Description: Work Order: 21L0225

Date Received: 12/3/2021

Field Sample #: SOH-DGW-02 (33-37) Sampled: 12/2/2021 08:10

Sample ID: 21L0225-03

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/7/21	12/7/21 13:44	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0225

Date Received: 12/3/2021

Field Sample #: SOH-DGW-06 (7-11) | Sampled: 12/2/2021 10:10

Sample ID: 21L0225-04

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5000	240	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
Benzene	ND	100	13	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
Bromochloromethane	ND	100	36	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
Bromodichloromethane	ND	50	14	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
Bromoform	ND	100	29	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
Bromomethane	ND	200	110	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
2-Butanone (MEK)	450	2000	190	µg/L	100	J	SW-846 8260D	12/7/21	12/7/21 14:39	EEH
Carbon Disulfide	ND	500	150	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
Carbon Tetrachloride	ND	500	17	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
Chlorobenzene	ND	100	8.0	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
Chlorodibromomethane	ND	50	16	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
Chloroethane	290	200	37	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
Chloroform	ND	200	19	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
Chloromethane	ND	200	38	µg/L	100	R-05	SW-846 8260D	12/7/21	12/7/21 14:39	EEH
Cyclohexane	ND	500	150	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	500	72	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
1,2-Dibromoethane (EDB)	ND	50	15	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
1,2-Dichlorobenzene	ND	100	10	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
1,3-Dichlorobenzene	ND	100	9.0	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
1,4-Dichlorobenzene	ND	100	11	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
Dichlorodifluoromethane (Freon 12)	ND	200	20	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
1,1-Dichloroethane	9100	100	16	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
1,2-Dichloroethane	ND	100	32	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
1,1-Dichloroethylene	300	100	16	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
cis-1,2-Dichloroethylene	1400	100	15	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
trans-1,2-Dichloroethylene	ND	100	17	µg/L	100	R-05	SW-846 8260D	12/7/21	12/7/21 14:39	EEH
1,2-Dichloropropane	ND	100	18	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
cis-1,3-Dichloropropene	ND	50	12	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
trans-1,3-Dichloropropene	ND	50	15	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
1,4-Dioxane	ND	5000	2200	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
Ethylbenzene	ND	100	9.0	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
2-Hexanone (MBK)	ND	1000	140	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
Isopropylbenzene (Cumene)	ND	100	10	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
Methyl Acetate	40	100	39	µg/L	100	V-05, J	SW-846 8260D	12/7/21	12/7/21 14:39	EEH
Methyl tert-Butyl Ether (MTBE)	ND	100	17	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
Methyl Cyclohexane	ND	100	33	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
Methylene Chloride	90	500	30	µg/L	100	J	SW-846 8260D	12/7/21	12/7/21 14:39	EEH
4-Methyl-2-pentanone (MIBK)	ND	1000	160	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
Styrene	ND	100	8.0	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
1,1,2,2-Tetrachloroethane	ND	50	9.0	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
Tetrachloroethylene	29	100	20	µg/L	100	J	SW-846 8260D	12/7/21	12/7/21 14:39	EEH
Toluene	ND	100	11	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
1,2,3-Trichlorobenzene	ND	500	14	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
1,2,4-Trichlorobenzene	ND	100	16	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0225

Date Received: 12/3/2021

Field Sample #: SOH-DGW-06 (7-11) | Sampled: 12/2/2021 10:10

Sample ID: 21L0225-04

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	1300	100	17	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
1,1,2-Trichloroethane	ND	100	15	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
Trichloroethylene	61	100	18	µg/L	100	J	SW-846 8260D	12/7/21	12/7/21 14:39	EEH
Trichlorofluoromethane (Freon 11)	ND	200	19	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	100	24	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
Vinyl Chloride	62	200	20	µg/L	100	V-05, J	SW-846 8260D	12/7/21	12/7/21 14:39	EEH
m+p Xylene	ND	200	18	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH
o-Xylene	ND	100	9.0	µg/L	100		SW-846 8260D	12/7/21	12/7/21 14:39	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.7	70-130		12/7/21 14:39
Toluene-d8	99.3	70-130		12/7/21 14:39
4-Bromofluorobenzene	97.6	70-130		12/7/21 14:39

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0225

Date Received: 12/3/2021

Field Sample #: SOH-DGW-06 (7-11) | Sampled: 12/2/2021 10:10

Sample ID: 21L0225-04

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			100			SW-846 8260D	12/7/21	12/7/21 14:39	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0225

Date Received: 12/3/2021

Field Sample #: SOH-DGW-17 (22-26) | Sampled: 12/2/2021 12:15

Sample ID: 21L0225-05

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	39	250	12	µg/L	5	J	SW-846 8260D	12/7/21	12/7/21 15:06	EEH
Benzene	0.65	5.0	0.65	µg/L	5	J	SW-846 8260D	12/7/21	12/7/21 15:06	EEH
Bromochloromethane	ND	5.0	1.8	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
Bromodichloromethane	ND	2.5	0.70	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
Bromoform	ND	5.0	1.4	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
Bromomethane	ND	10	5.4	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
2-Butanone (MEK)	99	100	9.4	µg/L	5	J	SW-846 8260D	12/7/21	12/7/21 15:06	EEH
Carbon Disulfide	ND	25	7.6	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
Carbon Tetrachloride	ND	25	0.85	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
Chlorobenzene	ND	5.0	0.40	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
Chlorodibromomethane	ND	2.5	0.80	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
Chloroethane	ND	10	1.8	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
Chloroform	ND	10	0.95	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
Chloromethane	ND	10	1.9	µg/L	5	R-05	SW-846 8260D	12/7/21	12/7/21 15:06	EEH
Cyclohexane	ND	25	7.6	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	3.6	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
1,2-Dibromoethane (EDB)	ND	2.5	0.75	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
1,2-Dichlorobenzene	ND	5.0	0.50	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
1,3-Dichlorobenzene	ND	5.0	0.45	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
1,4-Dichlorobenzene	ND	5.0	0.55	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
Dichlorodifluoromethane (Freon 12)	ND	10	1.0	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
1,1-Dichloroethane	440	5.0	0.80	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
1,2-Dichloroethane	ND	5.0	1.6	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
1,1-Dichloroethylene	33	5.0	0.80	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
cis-1,2-Dichloroethylene	280	5.0	0.75	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
trans-1,2-Dichloroethylene	3.7	5.0	0.85	µg/L	5	R-05, J	SW-846 8260D	12/7/21	12/7/21 15:06	EEH
1,2-Dichloropropane	ND	5.0	0.90	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
cis-1,3-Dichloropropene	ND	2.5	0.60	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
trans-1,3-Dichloropropene	ND	2.5	0.75	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
1,4-Dioxane	ND	250	110	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
Ethylbenzene	0.80	5.0	0.45	µg/L	5	J	SW-846 8260D	12/7/21	12/7/21 15:06	EEH
2-Hexanone (MBK)	ND	50	7.0	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
Isopropylbenzene (Cumene)	ND	5.0	0.50	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
Methyl Acetate	15	5.0	2.0	µg/L	5	V-05	SW-846 8260D	12/7/21	12/7/21 15:06	EEH
Methyl tert-Butyl Ether (MTBE)	1.8	5.0	0.85	µg/L	5	J	SW-846 8260D	12/7/21	12/7/21 15:06	EEH
Methyl Cyclohexane	ND	5.0	1.6	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
Methylene Chloride	ND	25	1.5	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
4-Methyl-2-pentanone (MIBK)	ND	50	8.1	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
Styrene	ND	5.0	0.40	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
1,1,2,2-Tetrachloroethane	ND	2.5	0.45	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
Tetrachloroethylene	31	5.0	1.0	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
Toluene	2.1	5.0	0.55	µg/L	5	J	SW-846 8260D	12/7/21	12/7/21 15:06	EEH
1,2,3-Trichlorobenzene	ND	25	0.70	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
1,2,4-Trichlorobenzene	ND	5.0	0.80	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0225

Date Received: 12/3/2021

Field Sample #: SOH-DGW-17 (22-26) | Sampled: 12/2/2021 12:15

Sample ID: 21L0225-05

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	7.4	5.0	0.85	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
1,1,2-Trichloroethane	ND	5.0	0.75	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
Trichloroethylene	300	5.0	0.90	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
Trichlorofluoromethane (Freon 11)	ND	10	0.95	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	1.2	µg/L	5		SW-846 8260D	12/7/21	12/7/21 15:06	EEH
Vinyl Chloride	4.1	10	1.0	µg/L	5	V-05, J	SW-846 8260D	12/7/21	12/7/21 15:06	EEH
m+p Xylene	3.6	10	0.90	µg/L	5	J	SW-846 8260D	12/7/21	12/7/21 15:06	EEH
o-Xylene	2.8	5.0	0.45	µg/L	5	J	SW-846 8260D	12/7/21	12/7/21 15:06	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	99.6	70-130		12/7/21 15:06	
Toluene-d8	100	70-130		12/7/21 15:06	
4-Bromofluorobenzene	99.1	70-130		12/7/21 15:06	

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Project Location: Henrietta, NY Sample Description: Work Order: 21L0225

Date Received: 12/3/2021

Field Sample #: SOH-DGW-17 (22-26) Sampled: 12/2/2021 12:15

Sample ID: 21L0225-05

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			5			SW-846 8260D	12/7/21	12/7/21 15:06	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0225

Date Received: 12/3/2021

Field Sample #: SOH-DGW-EB-1 | Sampled: 12/2/2021 12:35

Sample ID: 21L0225-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
Chloromethane	ND	2.0	0.38	µg/L	1	R-05	SW-846 8260D	12/7/21	12/7/21 13:17	EEH
Cyclohexane	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1	R-05	SW-846 8260D	12/7/21	12/7/21 13:17	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/7/21	12/7/21 13:17	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0225

Date Received: 12/3/2021

Field Sample #: SOH-DGW-EB-1 | Sampled: 12/2/2021 12:35

Sample ID: 21L0225-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
Vinyl Chloride	ND	2.0	0.20	µg/L	1	V-05	SW-846 8260D	12/7/21	12/7/21 13:17	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/7/21	12/7/21 13:17	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	97.8	70-130		12/7/21 13:17
Toluene-d8	101	70-130		12/7/21 13:17
4-Bromofluorobenzene	97.4	70-130		12/7/21 13:17

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0225

Date Received: 12/3/2021

Field Sample #: SOH-DGW-EB-1 | Sampled: 12/2/2021 12:35

Sample ID: 21L0225-06

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/7/21	12/7/21 13:17	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0225

Date Received: 12/3/2021

Field Sample #: SOH-DGW-17 (11-15) | Sampled: 12/2/2021 13:40

Sample ID: 21L0225-07

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	47	500	24	µg/L	10	J	SW-846 8260D	12/7/21	12/7/21 15:33	EEH
Benzene	1.8	10	1.3	µg/L	10	J	SW-846 8260D	12/7/21	12/7/21 15:33	EEH
Bromochloromethane	ND	10	3.6	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
Bromodichloromethane	ND	5.0	1.4	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
Bromoform	ND	10	2.9	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
Bromomethane	ND	20	11	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
2-Butanone (MEK)	120	200	19	µg/L	10	J	SW-846 8260D	12/7/21	12/7/21 15:33	EEH
Carbon Disulfide	ND	50	15	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
Carbon Tetrachloride	ND	50	1.7	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
Chlorobenzene	ND	10	0.80	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
Chlorodibromomethane	ND	5.0	1.6	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
Chloroethane	ND	20	3.7	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
Chloroform	ND	20	1.9	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
Chloromethane	ND	20	3.8	µg/L	10	R-05	SW-846 8260D	12/7/21	12/7/21 15:33	EEH
Cyclohexane	ND	50	15	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	50	7.2	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
1,2-Dibromoethane (EDB)	ND	5.0	1.5	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
1,2-Dichlorobenzene	ND	10	1.0	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
1,3-Dichlorobenzene	ND	10	0.90	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
1,4-Dichlorobenzene	ND	10	1.1	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
Dichlorodifluoromethane (Freon 12)	ND	20	2.0	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
1,1-Dichloroethane	870	10	1.6	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
1,2-Dichloroethane	ND	10	3.2	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
1,1-Dichloroethylene	30	10	1.6	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
cis-1,2-Dichloroethylene	24	10	1.5	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
trans-1,2-Dichloroethylene	ND	10	1.7	µg/L	10	R-05	SW-846 8260D	12/7/21	12/7/21 15:33	EEH
1,2-Dichloropropane	ND	10	1.8	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
cis-1,3-Dichloropropene	ND	5.0	1.2	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
trans-1,3-Dichloropropene	ND	5.0	1.5	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
1,4-Dioxane	ND	500	220	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
Ethylbenzene	ND	10	0.90	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
2-Hexanone (MBK)	ND	100	14	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
Isopropylbenzene (Cumene)	ND	10	1.0	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
Methyl Acetate	18	10	3.9	µg/L	10	V-05	SW-846 8260D	12/7/21	12/7/21 15:33	EEH
Methyl tert-Butyl Ether (MTBE)	ND	10	1.7	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
Methyl Cyclohexane	ND	10	3.3	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
Methylene Chloride	ND	50	3.0	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
4-Methyl-2-pentanone (MIBK)	ND	100	16	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
Styrene	ND	10	0.80	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
1,1,2,2-Tetrachloroethane	ND	5.0	0.90	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
Tetrachloroethylene	860	10	2.0	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
Toluene	5.4	10	1.1	µg/L	10	J	SW-846 8260D	12/7/21	12/7/21 15:33	EEH
1,2,3-Trichlorobenzene	ND	50	1.4	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
1,2,4-Trichlorobenzene	ND	10	1.6	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0225

Date Received: 12/3/2021

Field Sample #: SOH-DGW-17 (11-15) | Sampled: 12/2/2021 13:40

Sample ID: 21L0225-07

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	120	10	1.7	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
1,1,2-Trichloroethane	ND	10	1.5	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
Trichloroethylene	88	10	1.8	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
Trichlorofluoromethane (Freon 11)	ND	20	1.9	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	110	10	2.4	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
Vinyl Chloride	ND	20	2.0	µg/L	10	V-05	SW-846 8260D	12/7/21	12/7/21 15:33	EEH
m+p Xylene	ND	20	1.8	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH
o-Xylene	ND	10	0.90	µg/L	10		SW-846 8260D	12/7/21	12/7/21 15:33	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	100	70-130		12/7/21 15:33
Toluene-d8	99.0	70-130		12/7/21 15:33
4-Bromofluorobenzene	98.9	70-130		12/7/21 15:33

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0225

Date Received: 12/3/2021

Field Sample #: SOH-DGW-17 (11-15) | Sampled: 12/2/2021 13:40

Sample ID: 21L0225-07

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			10			SW-846 8260D	12/7/21	12/7/21 15:33	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0225

Date Received: 12/3/2021

Field Sample #: SOH-DGW-17 (7-11) | Sampled: 12/2/2021 15:00

Sample ID: 21L0225-08

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	25	250	12	µg/L	5	J	SW-846 8260D	12/7/21	12/7/21 16:00	EEH
Benzene	0.80	5.0	0.65	µg/L	5	J	SW-846 8260D	12/7/21	12/7/21 16:00	EEH
Bromochloromethane	ND	5.0	1.8	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
Bromodichloromethane	ND	2.5	0.70	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
Bromoform	ND	5.0	1.4	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
Bromomethane	ND	10	5.4	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
2-Butanone (MEK)	69	100	9.4	µg/L	5	J	SW-846 8260D	12/7/21	12/7/21 16:00	EEH
Carbon Disulfide	ND	25	7.6	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
Carbon Tetrachloride	ND	25	0.85	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
Chlorobenzene	ND	5.0	0.40	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
Chlorodibromomethane	ND	2.5	0.80	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
Chloroethane	ND	10	1.8	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
Chloroform	ND	10	0.95	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
Chloromethane	ND	10	1.9	µg/L	5	R-05	SW-846 8260D	12/7/21	12/7/21 16:00	EEH
Cyclohexane	ND	25	7.6	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	3.6	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
1,2-Dibromoethane (EDB)	ND	2.5	0.75	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
1,2-Dichlorobenzene	ND	5.0	0.50	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
1,3-Dichlorobenzene	ND	5.0	0.45	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
1,4-Dichlorobenzene	ND	5.0	0.55	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
Dichlorodifluoromethane (Freon 12)	ND	10	1.0	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
1,1-Dichloroethane	90	5.0	0.80	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
1,2-Dichloroethane	ND	5.0	1.6	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
1,1-Dichloroethylene	3.9	5.0	0.80	µg/L	5	J	SW-846 8260D	12/7/21	12/7/21 16:00	EEH
cis-1,2-Dichloroethylene	27	5.0	0.75	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
trans-1,2-Dichloroethylene	ND	5.0	0.85	µg/L	5	R-05	SW-846 8260D	12/7/21	12/7/21 16:00	EEH
1,2-Dichloropropane	ND	5.0	0.90	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
cis-1,3-Dichloropropene	ND	2.5	0.60	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
trans-1,3-Dichloropropene	ND	2.5	0.75	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
1,4-Dioxane	ND	250	110	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
Ethylbenzene	ND	5.0	0.45	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
2-Hexanone (MBK)	ND	50	7.0	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
Isopropylbenzene (Cumene)	ND	5.0	0.50	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
Methyl Acetate	11	5.0	2.0	µg/L	5	V-05	SW-846 8260D	12/7/21	12/7/21 16:00	EEH
Methyl tert-Butyl Ether (MTBE)	ND	5.0	0.85	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
Methyl Cyclohexane	ND	5.0	1.6	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
Methylene Chloride	ND	25	1.5	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
4-Methyl-2-pentanone (MIBK)	ND	50	8.1	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
Styrene	ND	5.0	0.40	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
1,1,2,2-Tetrachloroethane	ND	2.5	0.45	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
Tetrachloroethylene	87	5.0	1.0	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
Toluene	0.65	5.0	0.55	µg/L	5	J	SW-846 8260D	12/7/21	12/7/21 16:00	EEH
1,2,3-Trichlorobenzene	ND	25	0.70	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
1,2,4-Trichlorobenzene	ND	5.0	0.80	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0225

Date Received: 12/3/2021

Field Sample #: SOH-DGW-17 (7-11) | Sampled: 12/2/2021 15:00

Sample ID: 21L0225-08

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	390	5.0	0.85	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
1,1,2-Trichloroethane	ND	5.0	0.75	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
Trichloroethylene	34	5.0	0.90	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
Trichlorofluoromethane (Freon 11)	ND	10	0.95	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	600	5.0	1.2	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
Vinyl Chloride	ND	10	1.0	µg/L	5	V-05	SW-846 8260D	12/7/21	12/7/21 16:00	EEH
m+p Xylene	ND	10	0.90	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH
o-Xylene	ND	5.0	0.45	µg/L	5		SW-846 8260D	12/7/21	12/7/21 16:00	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	97.9	70-130		12/7/21 16:00
Toluene-d8	99.7	70-130		12/7/21 16:00
4-Bromofluorobenzene	98.4	70-130		12/7/21 16:00

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0225

Date Received: 12/3/2021

Field Sample #: SOH-DGW-17 (7-11) | Sampled: 12/2/2021 15:00

Sample ID: 21L0225-08

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			5			SW-846 8260D	12/7/21	12/7/21 16:00	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0225

Date Received: 12/3/2021

Field Sample #: SOH-DGW-DUP-1 | Sampled: 12/2/2021 07:00

Sample ID: 21L0225-09

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	35	200	9.4	µg/L	4	J	SW-846 8260D	12/7/21	12/7/21 16:27	EEH
Benzene	0.68	4.0	0.52	µg/L	4	J	SW-846 8260D	12/7/21	12/7/21 16:27	EEH
Bromochloromethane	ND	4.0	1.4	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
Bromodichloromethane	ND	2.0	0.56	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
Bromoform	ND	4.0	1.2	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
Bromomethane	ND	8.0	4.3	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
2-Butanone (MEK)	77	80	7.5	µg/L	4	J	SW-846 8260D	12/7/21	12/7/21 16:27	EEH
Carbon Disulfide	ND	20	6.1	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
Carbon Tetrachloride	ND	20	0.68	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
Chlorobenzene	ND	4.0	0.32	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
Chlorodibromomethane	ND	2.0	0.64	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
Chloroethane	ND	8.0	1.5	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
Chloroform	ND	8.0	0.76	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
Chloromethane	ND	8.0	1.5	µg/L	4	R-05	SW-846 8260D	12/7/21	12/7/21 16:27	EEH
Cyclohexane	ND	20	6.1	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	20	2.9	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
1,2-Dibromoethane (EDB)	ND	2.0	0.60	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
1,2-Dichlorobenzene	ND	4.0	0.40	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
1,3-Dichlorobenzene	ND	4.0	0.36	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
1,4-Dichlorobenzene	ND	4.0	0.44	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
Dichlorodifluoromethane (Freon 12)	ND	8.0	0.80	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
1,1-Dichloroethane	430	4.0	0.64	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
1,2-Dichloroethane	ND	4.0	1.3	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
1,1-Dichloroethylene	32	4.0	0.64	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
cis-1,2-Dichloroethylene	280	4.0	0.60	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
trans-1,2-Dichloroethylene	3.3	4.0	0.68	µg/L	4	R-05, J	SW-846 8260D	12/7/21	12/7/21 16:27	EEH
1,2-Dichloropropane	ND	4.0	0.72	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
cis-1,3-Dichloropropene	ND	2.0	0.48	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
trans-1,3-Dichloropropene	ND	2.0	0.60	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
1,4-Dioxane	ND	200	86	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
Ethylbenzene	0.92	4.0	0.36	µg/L	4	J	SW-846 8260D	12/7/21	12/7/21 16:27	EEH
2-Hexanone (MBK)	ND	40	5.6	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
Isopropylbenzene (Cumene)	ND	4.0	0.40	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
Methyl Acetate	11	4.0	1.6	µg/L	4	V-05	SW-846 8260D	12/7/21	12/7/21 16:27	EEH
Methyl tert-Butyl Ether (MTBE)	1.8	4.0	0.68	µg/L	4	J	SW-846 8260D	12/7/21	12/7/21 16:27	EEH
Methyl Cyclohexane	ND	4.0	1.3	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
Methylene Chloride	ND	20	1.2	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
4-Methyl-2-pentanone (MIBK)	ND	40	6.5	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
Styrene	ND	4.0	0.32	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
1,1,2,2-Tetrachloroethane	ND	2.0	0.36	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
Tetrachloroethylene	30	4.0	0.80	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
Toluene	2.6	4.0	0.44	µg/L	4	J	SW-846 8260D	12/7/21	12/7/21 16:27	EEH
1,2,3-Trichlorobenzene	ND	20	0.56	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
1,2,4-Trichlorobenzene	ND	4.0	0.64	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0225

Date Received: 12/3/2021

Field Sample #: SOH-DGW-DUP-1 | Sampled: 12/2/2021 07:00

Sample ID: 21L0225-09

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	9.6	4.0	0.68	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
1,1,2-Trichloroethane	ND	4.0	0.60	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
Trichloroethylene	300	4.0	0.72	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
Trichlorofluoromethane (Freon 11)	ND	8.0	0.76	µg/L	4		SW-846 8260D	12/7/21	12/7/21 16:27	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.3	4.0	0.96	µg/L	4	J	SW-846 8260D	12/7/21	12/7/21 16:27	EEH
Vinyl Chloride	3.7	8.0	0.80	µg/L	4	V-05, J	SW-846 8260D	12/7/21	12/7/21 16:27	EEH
m+p Xylene	4.5	8.0	0.72	µg/L	4	J	SW-846 8260D	12/7/21	12/7/21 16:27	EEH
o-Xylene	3.3	4.0	0.36	µg/L	4	J	SW-846 8260D	12/7/21	12/7/21 16:27	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.2	70-130		12/7/21 16:27
Toluene-d8	99.1	70-130		12/7/21 16:27
4-Bromofluorobenzene	97.7	70-130		12/7/21 16:27

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0225

Date Received: 12/3/2021

Field Sample #: SOH-DGW-DUP-1 | Sampled: 12/2/2021 07:00

Sample ID: 21L0225-09

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			4			SW-846 8260D	12/7/21	12/7/21 16:27	EEH

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

SOH-DGW-06 (11-15)

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0225
Client:	NYDEC_TRC Environmental Corporation- Clifton Par	Project:	Stuart Olver Holtz- CO SMPB0001
Matrix:	Water	Analysis:	SW-846 8260D
Batch:	B296342	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B296342-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	21L0225-02
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
Acetone	25000	ND	19200	76.6		70 - 130
Benzene	2500	ND	2460	98.5		70 - 130
Bromochloromethane	2500	ND	2790	112		70 - 130
Bromodichloromethane	2500	ND	2460	98.4		70 - 130
Bromoform	2500	ND	2520	101		70 - 130
Bromomethane	2500	ND	1900	76.0		70 - 130
2-Butanone (MEK)	25000	ND	20400	81.7		70 - 130
Carbon Disulfide	25000	ND	24600	98.3		70 - 130
Carbon Tetrachloride	2500	ND	2690	108		70 - 130
Chlorobenzene	2500	ND	2560	102		70 - 130
Chlorodibromomethane	2500	ND	2470	98.8		70 - 130
Chloroethane	2500	1760	4540	111		70 - 130
Chloroform	2500	ND	2560	102		70 - 130
Chloromethane	2500	ND	2040	81.7		70 - 130
Cyclohexane	2500	ND	2680	107		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	2500	ND	2180	87.4		70 - 130
1,2-Dibromoethane (EDB)	2500	ND	2460	98.6		70 - 130
1,2-Dichlorobenzene	2500	ND	2520	101		70 - 130
1,3-Dichlorobenzene	2500	ND	2500	99.8		70 - 130
1,4-Dichlorobenzene	2500	ND	2510	100		70 - 130
Dichlorodifluoromethane (Freon 12)	2500	ND	2750	110		70 - 130
1,1-Dichloroethane	2500	33900	38300	175	*	70 - 130
1,2-Dichloroethane	2500	ND	2390	95.6		70 - 130
1,1-Dichloroethylene	2500	1710	4240	101		70 - 130
cis-1,2-Dichloroethylene	2500	4520	7510	120		70 - 130
trans-1,2-Dichloroethylene	2500	ND	2260	90.2		70 - 130
1,2-Dichloropropane	2500	ND	2420	96.7		70 - 130
cis-1,3-Dichloropropene	2500	ND	2440	97.7		70 - 130
trans-1,3-Dichloropropene	2500	ND	2460	98.3		70 - 130

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

SOH-DGW-06 (11-15)

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0225
Client:	NYDEC_TRC Environmental Corporation- Clifton Par	Project:	Stuart Olver Holtz- CO SMPB0001
Matrix:	Water	Analysis:	SW-846 8260D
Batch:	B296342	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B296342-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	21L0225-02
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
1,4-Dioxane	25000	ND	23800	95.3		70 - 130
Ethylbenzene	2500	ND	2550	102		70 - 130
2-Hexanone (MBK)	25000	ND	21400	85.5		70 - 130
Isopropylbenzene (Cumene)	2500	ND	2540	102		70 - 130
Methyl Acetate	2500	ND	2020	80.7		70 - 130
Methyl tert-Butyl Ether (MTBE)	2500	ND	2460	98.2		70 - 130
Methyl Cyclohexane	2500	ND	2550	102		70 - 130
Methylene Chloride	2500	295	2780	99.2		70 - 130
4-Methyl-2-pentanone (MIBK)	25000	ND	21800	87.1		70 - 130
Styrene	2500	ND	2440	97.8		70 - 130
1,1,2,2-Tetrachloroethane	2500	ND	2230	89.1		70 - 130
Tetrachloroethylene	2500	ND	2740	110		70 - 130
Toluene	2500	ND	2520	101		70 - 130
1,2,3-Trichlorobenzene	2500	ND	2150	86.0		70 - 130
1,2,4-Trichlorobenzene	2500	ND	2360	94.5		70 - 130
1,1,1-Trichloroethane	2500	4080	7010	118		70 - 130
1,1,2-Trichloroethane	2500	ND	2480	99.3		70 - 130
Trichloroethylene	2500	278	2960	107		70 - 130
Trichlorofluoromethane (Freon 11)	2500	ND	2500	100		70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2500	195	2840	106		70 - 130
Vinyl Chloride	2500	238	1830	63.7	*	70 - 130
m+p Xylene	5000	ND	4960	99.3		70 - 130
o-Xylene	2500	ND	2520	101		70 - 130

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

SOH-DGW-06 (11-15)

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0225
Client:	NYDEC_TRC Environmental Corporation- Clifton Par	Project:	Stuart Olver Holtz- CO SMPB0001
Matrix:	Water	Analysis:	SW-846 8260D
Batch:	B296342	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B296342-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	21L0225-02
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
Acetone	25000	19200	76.7		0.0652	30	70 - 130
Benzene	2500	2490	99.7		1.21	30	70 - 130
Bromochloromethane	2500	2540	102		9.27	30	70 - 130
Bromodichloromethane	2500	2580	103		4.76	30	70 - 130
Bromoform	2500	2550	102		1.48	30	70 - 130
Bromomethane	2500	2100	84.1		10.1	30	70 - 130
2-Butanone (MEK)	25000	21200	84.6		3.53	30	70 - 130
Carbon Disulfide	25000	24200	97.0		1.36	30	70 - 130
Carbon Tetrachloride	2500	2740	110		1.84	30	70 - 130
Chlorobenzene	2500	2530	101		1.18	30	70 - 130
Chlorodibromomethane	2500	2460	98.5		0.304	30	70 - 130
Chloroethane	2500	4340	103		4.45	30	70 - 130
Chloroform	2500	2580	103		1.17	30	70 - 130
Chloromethane	2500	2510	100		20.5	30	70 - 130
Cyclohexane	2500	2740	109		2.12	30	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	2500	2160	86.5		1.04	30	70 - 130
1,2-Dibromoethane (EDB)	2500	2440	97.8		0.815	30	70 - 130
1,2-Dichlorobenzene	2500	2520	101		0.297	30	70 - 130
1,3-Dichlorobenzene	2500	2470	98.7		1.11	30	70 - 130
1,4-Dichlorobenzene	2500	2550	102		1.48	30	70 - 130
Dichlorodifluoromethane (Freon 12)	2500	2800	112		1.98	30	70 - 130
1,1-Dichloroethane	2500	39700	231	*	3.62	30	70 - 130
1,2-Dichloroethane	2500	2390	95.6		0.00	30	70 - 130
1,1-Dichloroethylene	2500	4220	100		0.414	30	70 - 130
cis-1,2-Dichloroethylene	2500	7580	122		0.829	30	70 - 130
trans-1,2-Dichloroethylene	2500	2230	89.1		1.23	30	70 - 130
1,2-Dichloropropane	2500	2400	96.1		0.622	30	70 - 130
cis-1,3-Dichloropropene	2500	2450	97.9		0.204	30	70 - 130
trans-1,3-Dichloropropene	2500	2490	99.7		1.41	30	70 - 130

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

SOH-DGW-06 (11-15)

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0225
Client:	NYDEC_TRC Environmental Corporation- Clifton Par	Project:	Stuart Olver Holtz- CO SMPB0001
Matrix:	Water	Analysis:	SW-846 8260D
Batch:	B296342	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B296342-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	21L0225-02
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
1,4-Dioxane	25000	23800	95.4		0.136	30	70 - 130
Ethylbenzene	2500	2540	102		0.393	30	70 - 130
2-Hexanone (MBK)	25000	21400	85.7		0.245	30	70 - 130
Isopropylbenzene (Cumene)	2500	2520	101		0.592	30	70 - 130
Methyl Acetate	2500	1980	79.4		1.62	30	70 - 130
Methyl tert-Butyl Ether (MTBE)	2500	2520	101		2.51	30	70 - 130
Methyl Cyclohexane	2500	2580	103		1.27	30	70 - 130
Methylene Chloride	2500	2750	98.2		0.905	30	70 - 130
4-Methyl-2-pentanone (MIBK)	25000	21900	87.5		0.401	30	70 - 130
Styrene	2500	2480	99.4		1.62	30	70 - 130
1,1,2,2-Tetrachloroethane	2500	2260	90.5		1.56	30	70 - 130
Tetrachloroethylene	2500	2740	110		0.274	30	70 - 130
Toluene	2500	2500	99.9		0.698	30	70 - 130
1,2,3-Trichlorobenzene	2500	2580	103		18.4	30	70 - 130
1,2,4-Trichlorobenzene	2500	2540	102		7.14	30	70 - 130
1,1,1-Trichloroethane	2500	7140	123		1.84	30	70 - 130
1,1,2-Trichloroethane	2500	2460	98.6		0.707	30	70 - 130
Trichloroethylene	2500	2920	106		1.53	30	70 - 130
Trichlorofluoromethane (Freon 11)	2500	2480	99.0		1.01	30	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2500	2850	106		0.263	30	70 - 130
Vinyl Chloride	2500	1960	68.7	*	6.61	30	70 - 130
m+p Xylene	5000	5000	100		0.702	20	70 - 130
o-Xylene	2500	2500	99.9		0.798	30	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0225
Client:	NYDEC_TRC Environmental Corporation- Clifton Par	Project:	Stuart Olver Holtz- CO SMPB0001
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B296241	Laboratory ID:	B296241-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
4-Methyl-2-pentanone (MIBK)	100	93.1	93.1	70 - 160
Styrene	10.0	10.1	101	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.65	96.5	70 - 130
Tetrachloroethylene	10.0	10.3	103	70 - 130
Toluene	10.0	9.81	98.1	70 - 130
1,2,3-Trichlorobenzene	10.0	11.2	112	70 - 130
1,2,4-Trichlorobenzene	10.0	11.1	111	70 - 130
1,1,1-Trichloroethane	10.0	9.75	97.5	70 - 130
1,1,2-Trichloroethane	10.0	10.0	100	70 - 130
Trichloroethylene	10.0	10.1	101	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	9.28	92.8	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.72	97.2	70 - 130
Vinyl Chloride	10.0	7.21	72.1	40 - 160
m+p Xylene	20.0	19.7	98.6	70 - 130
o-Xylene	10.0	10.1	101	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #		QC LIMITS RPD	QC LIMITS REC.
Acetone	100	79.6	79.6	0.451		25	70 - 160
Benzene	10.0	9.11	91.1	2.49		25	70 - 130
Bromochloromethane	10.0	9.64	96.4	1.34		25	70 - 130
Bromodichloromethane	10.0	9.53	95.3	2.08		25	70 - 130
Bromoform	10.0	10.8	108	0.0929		25	70 - 130
Bromomethane	10.0	10.9	109	13.4		25	40 - 160
2-Butanone (MEK)	100	80.2	80.2	5.59		25	40 - 160
Carbon Disulfide	100	93.0	93.0	2.17		25	70 - 130
Carbon Tetrachloride	10.0	10.0	100	2.42		25	70 - 130
Chlorobenzene	10.0	10.2	102	0.779		25	70 - 130
Chlorodibromomethane	10.0	10.2	102	1.28		25	70 - 130
Chloroethane	10.0	10.3	103	4.17		25	70 - 130
Chloroform	10.0	9.65	96.5	0.519		25	70 - 130
Chloromethane	10.0	12.5	125	37.7	*	25	40 - 160
Cyclohexane	10.0	9.72	97.2	1.03		25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	8.24	82.4	15.1		25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0225
Client:	NYDEC_TRC Environmental Corporation- Clifton Par	Project:	Stuart Olver Holtz- CO SMPB0001
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B296241	Laboratory ID:	B296241-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #		QC LIMITS RPD	QC LIMITS REC.
1,2-Dibromoethane (EDB)	10.0	10.4	104	0.193		25	70 - 130
1,2-Dichlorobenzene	10.0	10.1	101	2.44		25	70 - 130
1,3-Dichlorobenzene	10.0	9.72	97.2	4.33		25	70 - 130
1,4-Dichlorobenzene	10.0	9.85	98.5	2.70		25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	10.4	104	3.63		25	40 - 160
1,1-Dichloroethane	10.0	9.44	94.4	1.37		25	70 - 130
1,2-Dichloroethane	10.0	9.51	95.1	0.629		25	70 - 130
1,1-Dichloroethylene	10.0	8.96	89.6	0.112		25	70 - 130
cis-1,2-Dichloroethylene	10.0	9.43	94.3	2.93		25	70 - 130
trans-1,2-Dichloroethylene	10.0	8.02	80.2	25.7	*	25	70 - 130
1,2-Dichloropropane	10.0	9.33	93.3	2.85		25	70 - 130
cis-1,3-Dichloropropene	10.0	10.0	100	0.701		25	70 - 130
trans-1,3-Dichloropropene	10.0	10.3	103	1.37		25	70 - 130
1,4-Dioxane	100	89.4	89.4	11.8		50	40 - 130
Ethylbenzene	10.0	9.89	98.9	1.11		25	70 - 130
2-Hexanone (MBK)	100	88.0	88.0	4.35		25	70 - 160
Isopropylbenzene (Cumene)	10.0	9.87	98.7	1.91		25	70 - 130
Methyl Acetate	10.0	7.21	72.1	0.00		25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	9.99	99.9	1.10		25	70 - 130
Methyl Cyclohexane	10.0	9.63	96.3	1.55		25	70 - 130
Methylene Chloride	10.0	9.28	92.8	1.52		25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	88.8	88.8	4.68		25	70 - 160
Styrene	10.0	9.98	99.8	0.798		25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.39	93.9	2.73		25	70 - 130
Tetrachloroethylene	10.0	10.4	104	1.74		25	70 - 130
Toluene	10.0	9.66	96.6	1.54		25	70 - 130
1,2,3-Trichlorobenzene	10.0	10.5	105	6.43		25	70 - 130
1,2,4-Trichlorobenzene	10.0	10.5	105	5.56		25	70 - 130
1,1,1-Trichloroethane	10.0	9.62	96.2	1.34		25	70 - 130
1,1,2-Trichloroethane	10.0	9.86	98.6	1.81		25	70 - 130
Trichloroethylene	10.0	9.98	99.8	0.798		25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	9.30	93.0	0.215		25	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.2	102	4.33		25	70 - 130
Vinyl Chloride	10.0	6.49	64.9	10.5		25	40 - 160
m+p Xylene	20.0	19.5	97.6	1.12		25	70 - 130

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0225
Client:	NYDEC_TRC Environmental Corporation- Clifton Park	Project:	Stuart Olver Holtz- CO SMPB0001
Calibration:	2100495	Instrument:	GCMSVOA5
		Calibration Date:	11/2/2021 10:46:32AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
Acetone	9.971721E-02	11.2			20	
Acrolein	5.904374E-02	7.6			20	
Acrylonitrile	0.1206755	9.8			20	
tert-Amyl Methyl Ether (TAME)	0.5875525	4.1			20	
Benzene	1.030994	5.6			20	
Bromobenzene	0.6578564	5.4			20	
Bromochloromethane	0.1760127	8.7			20	
Bromodichloromethane	0.240508	8.0			20	
Bromoform	0.2640673	13.7			20	
Bromomethane	0.2069564	19.3			20	
2-Butanone (MEK)	0.1063407	7.1			20	
tert-Butyl Alcohol (TBA)	3.144159E-02	4.2			20	
n-Butylbenzene	1.254044	13.6			20	
sec-Butylbenzene	1.741751	10.8			20	
tert-Butylbenzene	1.245599	7.6			20	
tert-Butyl Ethyl Ether (TBEE)	0.6138734	4.1			20	
Carbon Disulfide	0.9333128	9.2			20	
Carbon Tetrachloride	0.3734387	7.3			20	
Chlorobenzene	1.177246	5.3			20	
Chlorodibromomethane	0.1919733	14.1			20	
Chloroethane	0.202755	7.2			20	
2-Chloroethyl Vinyl Ether	7.342345E-02	19.7			20	
Chloroform	0.4696446	3.3			20	
Chloromethane	0.2837817	17.1			20	
2-Chlorotoluene	1.248309	5.0			20	
4-Chlorotoluene	1.261032	9.4			20	
Cyclohexane	0.3892371	4.2			20	
1,2-Dibromo-3-chloropropane (DBCP)	6.483508E-02	11.2			20	
1,2-Dibromoethane (EDB)	0.1705556	8.6			20	
Dibromomethane	0.1202042	5.9			20	
1,2-Dichlorobenzene	0.7607758	6.7			20	

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0225
Client:	NYDEC_TRC Environmental Corporation- Clifton Park	Project:	Stuart Olver Holtz- CO SMPB0001
Calibration:	2100495	Instrument:	GCMSVOA5
		Calibration Date:	11/2/2021 10:46:32AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
1,3-Dichlorobenzene	0.8652448	6.4			20	
1,4-Dichlorobenzene	0.8729494	4.5			20	
trans-1,4-Dichloro-2-butene	0.1022698	10.4			20	
Dichlorodifluoromethane (Freon 12)	0.4316492	4.7			20	
1,1-Dichloroethane	0.4279142	2.7			20	
1,2-Dichloroethane	0.2511954	10.8			20	
1,1-Dichloroethylene	0.5394836	9.2			20	
cis-1,2-Dichloroethylene	0.3397741	4.1			20	
trans-1,2-Dichloroethylene	0.4007514	14.9			20	
Dichlorofluoromethane (Freon 21)	0.6263142	3.9			20	
1,2-Dichloropropane	0.174309	6.5			20	
1,3-Dichloropropane	0.2603321	6.1			20	
2,2-Dichloropropane	0.340166	4.5			20	
1,1-Dichloropropene	0.3492152	4.2			20	
cis-1,3-Dichloropropene	0.2730169	9.5			20	
trans-1,3-Dichloropropene	0.2164539	14.4			20	
Diethyl Ether	0.2074504	3.5			20	
Difluorochloromethane (Freon 22)	0.3500671	12.6			20	
Diisopropyl Ether (DIPE)	0.6295705	4.6			20	
1,4-Dioxane	2.079222E-03	15.1			20	
Ethanol	5.702641E-03	26.2	0.999		0.99	
Ethyl Acetate	0.1837437	19.5			20	
Ethylbenzene	1.891333	7.1			20	
Hexachlorobutadiene	0.2126581	14.8			20	
2-Hexanone (MBK)	0.1042072	10.7			20	
Iodomethane	0.4600924	25.0	1.000		0.99	
Isopropylbenzene (Cumene)	1.934676	6.9			20	
p-Isopropyltoluene (p-Cymene)	1.440419	10.2			20	
Methyl Acetate	0.4643096	55.8	1.000		0.99	
Methyl tert-Butyl Ether (MTBE)	0.5956711	5.5			20	
Methyl Cyclohexane	0.2972607	4.4			20	

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0225
Client:	NYDEC_TRC Environmental Corporation- Clifton Park	Project:	Stuart Olver Holtz- CO SMPB0001
Calibration:	2100495	Instrument:	GCMSVOA5
		Calibration Date:	11/2/2021 10:46:32AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
Methylene Chloride	0.4175738	9.4			20	
4-Methyl-2-pentanone (MIBK)	0.1516821	10.7			20	
Naphthalene	0.81896	14.0			20	
n-Propylbenzene	2.176342	10.2			20	
Styrene	1.109244	11.1			20	
1,1,1,2-Tetrachloroethane	0.4074272	8.9			20	
1,1,2,2-Tetrachloroethane	0.4673397	8.6			20	
Tetrachloroethylene	0.2350574	10.4			20	
Tetrahydrofuran	6.099569E-02	14.4			20	
Toluene	0.8018204	4.2			20	
1,2,3-Trichlorobenzene	0.304324	13.0			20	
1,2,4-Trichlorobenzene	0.3856043	14.2			20	
1,3,5-Trichlorobenzene	0.4713041	12.3			20	
1,1,1-Trichloroethane	0.3984225	4.2			20	
1,1,2-Trichloroethane	0.1570952	7.4			20	
Trichloroethylene	0.198617	5.5			20	
Trichlorofluoromethane (Freon 11)	0.6053005	4.2			20	
1,2,3-Trichloropropane	0.3519139	4.7			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.3401857	9.9			20	
1,2,3-Trimethylbenzene	1.302534	8.2			20	
1,2,4-Trimethylbenzene	1.362441	9.3			20	
1,3,5-Trimethylbenzene	1.42661	11.0			20	
Vinyl Acetate	0.4871599	12.3			20	
Vinyl Chloride	0.3833392	18.9			20	
m+p Xylene	1.526964	9.7			20	
o-Xylene	1.478854	8.8			20	
1,2-Dichloroethane-d4	0.4662628	2.1			20	
Toluene-d8	1.134016	0.6			20	
4-Bromofluorobenzene	0.893423	3.8			20	

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0225
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA5	Calibration:	2100495
Lab File ID:	E21V134102.D	Calibration Date:	11/02/21 10:46
Sequence:	S066142	Injection Date:	12/07/21
Lab Sample ID:	S066142-CCV1	Injection Time:	10:34

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	100	80.5	9.971721E-02	8.022764E-02		-19.5	20
Acrylonitrile	A	10.0	8.68	0.1206755	0.1047889		-13.2	20
tert-Amyl Methyl Ether (TAME)	A	10.0	10.3	0.5875525	0.6054693		3.0	20
Benzene	A	10.0	9.44	1.030994	0.9727657		-5.6	20
Bromobenzene	A	10.0	9.84	0.6578564	0.6473647		-1.6	20
Bromochloromethane	A	10.0	10.1	0.1760127	0.1784014		1.4	20
Bromodichloromethane	A	10.0	10.1	0.240508	0.243099		1.1	20
Bromoform	A	10.0	10.6	0.2640673	0.2796465		5.9	20
Bromomethane	A	10.0	10.4	0.2069564	0.2143		3.5	20
2-Butanone (MEK)	A	100	83.0	0.1063407	8.820486E-02		-17.1	20
tert-Butyl Alcohol (TBA)	A	100	85.8	3.144159E-02	2.699264E-02		-14.1	20
n-Butylbenzene	A	10.0	9.75	1.254044	1.222951		-2.5	20
sec-Butylbenzene	A	10.0	9.80	1.741751	1.706705		-2.0	20
tert-Butylbenzene	A	10.0	9.98	1.245599	1.243113		-0.2	20
tert-Butyl Ethyl Ether (TBEE)	A	10.0	10.2	0.6138734	0.6294051		2.5	20
Carbon Disulfide	A	100	93.2	0.9333128	0.8694206		-6.8	20
Carbon Tetrachloride	A	10.0	9.90	0.3734387	0.3698463		-1.0	20
Chlorobenzene	A	10.0	10.3	1.177246	1.213632		3.1	20
Chlorodibromomethane	A	10.0	10.2	0.1919733	0.1957233		2.0	20
Chloroethane	A	10.0	10.8	0.202755	0.2193264		8.2	20
Chloroform	A	10.0	9.81	0.4696446	0.4607208		-1.9	20
Chloromethane	A	10.0	9.81	0.2837817	0.2782898		-1.9	20
2-Chlorotoluene	A	10.0	9.86	1.248309	1.23063		-1.4	20
4-Chlorotoluene	A	10.0	10.3	1.261032	1.295134		2.7	20
Cyclohexane	A	10.0	9.65	0.3892371	0.3754289		-3.5	20
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	8.68	6.483508E-02	5.629472E-02		-13.2	20
1,2-Dibromoethane (EDB)	A	10.0	10.1	0.1705556	0.1720734		0.9	20
Dibromomethane	A	10.0	9.85	0.1202042	0.1184012		-1.5	20
1,2-Dichlorobenzene	A	10.0	10.1	0.7607758	0.769497		1.1	20

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0225
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA5	Calibration:	2100495
Lab File ID:	E21V134102.D	Calibration Date:	11/02/21 10:46
Sequence:	S066142	Injection Date:	12/07/21
Lab Sample ID:	S066142-CCV1	Injection Time:	10:34

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,3-Dichlorobenzene	A	10.0	10.1	0.8652448	0.8733505		0.9	20	
1,4-Dichlorobenzene	A	10.0	9.86	0.8729494	0.8604584		-1.4	20	
trans-1,4-Dichloro-2-butene	A	10.0	9.91	0.1022698	0.1013466		-0.9	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	10.3	0.4316492	0.4437422		2.8	20	
1,1-Dichloroethane	A	10.0	9.62	0.4279142	0.4115373		-3.8	20	
1,2-Dichloroethane	A	10.0	9.21	0.2511954	0.231449		-7.9	20	
1,1-Dichloroethylene	A	10.0	8.92	0.5394836	0.4814141		-10.8	20	
cis-1,2-Dichloroethylene	A	10.0	9.73	0.3397741	0.3305794		-2.7	20	
trans-1,2-Dichloroethylene	A	10.0	8.42	0.4007514	0.337631		-15.8	20	
1,2-Dichloropropane	A	10.0	9.65	0.174309	0.1681952		-3.5	20	
1,3-Dichloropropane	A	10.0	9.92	0.2603321	0.2582926		-0.8	20	
2,2-Dichloropropane	A	10.0	10.4	0.340166	0.3552288		4.4	20	
1,1-Dichloropropene	A	10.0	9.67	0.3492152	0.3377884		-3.3	20	
cis-1,3-Dichloropropene	A	10.0	9.96	0.2730169	0.2720187		-0.4	20	
trans-1,3-Dichloropropene	A	10.0	10.4	0.2164539	0.2258293		4.3	20	
Diethyl Ether	A	10.0	9.74	0.2074504	0.2021064		-2.6	20	
Diisopropyl Ether (DIPE)	A	10.0	9.56	0.6295705	0.6019539		-4.4	20	
1,4-Dioxane	A	100	81.3	2.079222E-03	1.689708E-03		-18.7	20	
Ethylbenzene	A	10.0	10.2	1.891333	1.922654		1.7	20	
Hexachlorobutadiene	A	10.0	9.66	0.2126581	0.2054252		-3.4	20	
2-Hexanone (MBK)	A	100	91.8	0.1042072	9.567687E-02		-8.2	20	
Isopropylbenzene (Cumene)	A	10.0	9.98	1.934676	1.930908		-0.2	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	9.97	1.440419	1.436118		-0.3	20	
Methyl Acetate	A	10.0	7.53	0.4643096	0.2284033		-24.7	20	*
Methyl tert-Butyl Ether (MTBE)	A	10.0	10.1	0.5956711	0.6020483		1.1	20	
Methyl Cyclohexane	A	10.0	9.63	0.2972607	0.2863835		-3.7	20	
Methylene Chloride	A	10.0	9.63	0.4175738	0.4019987		-3.7	20	
4-Methyl-2-pentanone (MIBK)	A	100	93.0	0.1516821	0.1411089		-7.0	20	
Naphthalene	A	10.0	9.78	0.81896	0.8010344		-2.2	20	

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0225
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA5	Calibration:	2100495
Lab File ID:	E21V134102.D	Calibration Date:	11/02/21 10:46
Sequence:	S066142	Injection Date:	12/07/21
Lab Sample ID:	S066142-CCV1	Injection Time:	10:34

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
n-Propylbenzene	A	10.0	10.1	2.176342	2.201508		1.2	20	
Styrene	A	10.0	10.2	1.109244	1.132231		2.1	20	
1,1,1,2-Tetrachloroethane	A	10.0	10.3	0.4074272	0.4184758		2.7	20	
1,1,2,2-Tetrachloroethane	A	10.0	9.45	0.4673397	0.4416392		-5.5	20	
Tetrachloroethylene	A	10.0	10.6	0.2350574	0.2488783		5.9	20	
Tetrahydrofuran	A	10.0	8.96	6.099569E-02	5.465058E-02		-10.4	20	
Toluene	A	10.0	9.97	0.8018204	0.7993415		-0.3	20	
1,2,3-Trichlorobenzene	A	10.0	10.0	0.304324	0.3042099		-0.04	20	
1,2,4-Trichlorobenzene	A	10.0	10.4	0.3856043	0.4002238		3.8	20	
1,3,5-Trichlorobenzene	A	10.0	10.9	0.4713041	0.5129437		8.8	20	
1,1,1-Trichloroethane	A	10.0	9.97	0.3984225	0.3971192		-0.3	20	
1,1,2-Trichloroethane	A	10.0	10.1	0.1570952	0.1585299		0.9	20	
Trichloroethylene	A	10.0	10.2	0.198617	0.2027041		2.1	20	
Trichlorofluoromethane (Freon 11)	A	10.0	9.34	0.6053005	0.5654467		-6.6	20	
1,2,3-Trichloropropane	A	10.0	9.49	0.3519139	0.3338574		-5.1	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.1	0.3401857	0.3445463		1.3	20	
1,2,4-Trimethylbenzene	A	10.0	9.98	1.362441	1.359516		-0.2	20	
1,3,5-Trimethylbenzene	A	10.0	10.2	1.42661	1.455543		2.0	20	
Vinyl Chloride	A	10.0	7.20	0.3833392	0.2758658		-28.0	20	*
m+p Xylene	A	20.0	19.9	1.526964	1.516054		-0.7	20	
o-Xylene	A	10.0	10.2	1.478854	1.501752		1.5	20	
1,2-Dichloroethane-d4	A	25.0	25.1	0.4662628	0.4685511		0.5		
Toluene-d8	A	25.0	24.8	1.134016	1.126404		-0.7		
4-Bromofluorobenzene	A	25.0	24.6	0.893423	0.8786492		-1.7		

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0225
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA5	Calibration:	2100495
Lab File ID:	E21V134202.D	Calibration Date:	11/02/21 10:46
Sequence:	S066178	Injection Date:	12/08/21
Lab Sample ID:	S066178-CCV1	Injection Time:	08:48

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	100	81.6	9.971721E-02	8.137395E-02		-18.4	20
Acrylonitrile	A	10.0	8.54	0.1206755	0.1030768		-14.6	20
tert-Amyl Methyl Ether (TAME)	A	10.0	10.2	0.5875525	0.5970171		1.6	20
Benzene	A	10.0	9.26	1.030994	0.9545723		-7.4	20
Bromobenzene	A	10.0	9.50	0.6578564	0.6246569		-5.0	20
Bromochloromethane	A	10.0	10.6	0.1760127	0.1859851		5.7	20
Bromodichloromethane	A	10.0	9.70	0.240508	0.2331952		-3.0	20
Bromoform	A	10.0	10.2	0.2640673	0.270439		2.4	20
Bromomethane	A	10.0	9.43	0.2069564	0.1950951		-5.7	20
2-Butanone (MEK)	A	100	83.8	0.1063407	8.910675E-02		-16.2	20
tert-Butyl Alcohol (TBA)	A	100	81.2	3.144159E-02	2.551824E-02		-18.8	20
n-Butylbenzene	A	10.0	9.52	1.254044	1.193794		-4.8	20
sec-Butylbenzene	A	10.0	9.50	1.741751	1.654842		-5.0	20
tert-Butylbenzene	A	10.0	9.66	1.245599	1.20323		-3.4	20
tert-Butyl Ethyl Ether (TBEE)	A	10.0	10.1	0.6138734	0.6197972		1.0	20
Carbon Disulfide	A	100	86.5	0.9333128	0.8070595		-13.5	20
Carbon Tetrachloride	A	10.0	9.95	0.3734387	0.3716131		-0.5	20
Chlorobenzene	A	10.0	9.82	1.177246	1.15563		-1.8	20
Chlorodibromomethane	A	10.0	10.1	0.1919733	0.1933104		0.7	20
Chloroethane	A	10.0	10.2	0.202755	0.2068983		2.0	20
Chloroform	A	10.0	9.80	0.4696446	0.4603056		-2.0	20
Chloromethane	A	10.0	8.41	0.2837817	0.2387477		-15.9	20
2-Chlorotoluene	A	10.0	9.32	1.248309	1.163625		-6.8	20
4-Chlorotoluene	A	10.0	9.57	1.261032	1.207159		-4.3	20
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	8.96	6.483508E-02	0.0580916		-10.4	20
1,2-Dibromoethane (EDB)	A	10.0	10.0	0.1705556	0.1708844		0.2	20
Dibromomethane	A	10.0	9.99	0.1202042	0.1200805		-0.1	20
1,2-Dichlorobenzene	A	10.0	9.95	0.7607758	0.756889		-0.5	20
1,3-Dichlorobenzene	A	10.0	9.83	0.8652448	0.8508833		-1.7	20

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0225
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA5	Calibration:	2100495
Lab File ID:	E21V134202.D	Calibration Date:	11/02/21 10:46
Sequence:	S066178	Injection Date:	12/08/21
Lab Sample ID:	S066178-CCV1	Injection Time:	08:48

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,4-Dichlorobenzene	A	10.0	9.82	0.8729494	0.8571955		-1.8	20	
trans-1,4-Dichloro-2-butene	A	10.0	9.53	0.1022698	9.747171E-02		-4.7	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	10.1	0.4316492	0.4344344		0.6	20	
1,1-Dichloroethane	A	10.0	9.84	0.4279142	0.4210806		-1.6	20	
1,2-Dichloroethane	A	10.0	9.49	0.2511954	0.23828		-5.1	20	
1,1-Dichloroethylene	A	10.0	8.59	0.5394836	0.4634375		-14.1	20	
cis-1,2-Dichloroethylene	A	10.0	9.72	0.3397741	0.3302457		-2.8	20	
trans-1,2-Dichloroethylene	A	10.0	8.33	0.4007514	0.333704		-16.7	20	
1,2-Dichloropropane	A	10.0	9.62	0.174309	0.1677321		-3.8	20	
1,3-Dichloropropane	A	10.0	9.73	0.2603321	0.253189		-2.7	20	
2,2-Dichloropropane	A	10.0	10.9	0.340166	0.369736		8.7	20	
1,1-Dichloropropene	A	10.0	9.73	0.3492152	0.3396719		-2.7	20	
cis-1,3-Dichloropropene	A	10.0	9.98	0.2730169	0.2724113		-0.2	20	
trans-1,3-Dichloropropene	A	10.0	10.3	0.2164539	0.2235547		3.3	20	
Diethyl Ether	A	10.0	9.28	0.2074504	0.1924427		-7.2	20	
Diisopropyl Ether (DIPE)	A	10.0	9.73	0.6295705	0.6123296		-2.7	20	
1,4-Dioxane	A	100	81.1	2.079222E-03	1.686359E-03		-18.9	20	
Ethylbenzene	A	10.0	9.60	1.891333	1.814977		-4.0	20	
Hexachlorobutadiene	A	10.0	9.55	0.2126581	0.2030643		-4.5	20	
2-Hexanone (MBK)	A	100	90.2	0.1042072	0.0939607		-9.8	20	
Isopropylbenzene (Cumene)	A	10.0	9.48	1.934676	1.833807		-5.2	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	9.51	1.440419	1.369334		-4.9	20	
Methyl Acetate	A	10.0	7.08	0.4643096	0.2165082		-29.2	20	*
Methyl tert-Butyl Ether (MTBE)	A	10.0	10.4	0.5956711	0.6207663		4.2	20	
Methyl Cyclohexane	A	10.0	9.58	0.2972607	0.2847486		-4.2	20	
Methylene Chloride	A	10.0	9.39	0.4175738	0.3921897		-6.1	20	
4-Methyl-2-pentanone (MIBK)	A	100	91.2	0.1516821	0.1383116		-8.8	20	
Naphthalene	A	10.0	8.86	0.81896	0.7252318		-11.4	20	
n-Propylbenzene	A	10.0	9.43	2.176342	2.051433		-5.7	20	

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0225
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA5	Calibration:	2100495
Lab File ID:	E21V134202.D	Calibration Date:	11/02/21 10:46
Sequence:	S066178	Injection Date:	12/08/21
Lab Sample ID:	S066178-CCV1	Injection Time:	08:48

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Styrene	A	10.0	9.66	1.109244	1.071563		-3.4	20	
1,1,1,2-Tetrachloroethane	A	10.0	9.84	0.4074272	0.4007866		-1.6	20	
1,1,2,2-Tetrachloroethane	A	10.0	9.25	0.4673397	0.4322177		-7.5	20	
Tetrachloroethylene	A	10.0	10.2	0.2350574	0.2400508		2.1	20	
Tetrahydrofuran	A	10.0	8.90	6.099569E-02	5.430303E-02		-11.0	20	
Toluene	A	10.0	9.50	0.8018204	0.7621242		-5.0	20	
1,2,3-Trichlorobenzene	A	10.0	8.95	0.304324	0.2724666		-10.5	20	
1,2,4-Trichlorobenzene	A	10.0	9.53	0.3856043	0.3673901		-4.7	20	
1,3,5-Trichlorobenzene	A	10.0	10.1	0.4713041	0.4752104		0.8	20	
1,1,1-Trichloroethane	A	10.0	9.79	0.3984225	0.3902514		-2.1	20	
1,1,2-Trichloroethane	A	10.0	9.91	0.1570952	0.1556374		-0.9	20	
Trichloroethylene	A	10.0	9.80	0.198617	0.1946918		-2.0	20	
Trichlorofluoromethane (Freon 11)	A	10.0	9.11	0.6053005	0.5511813		-8.9	20	
1,2,3-Trichloropropane	A	10.0	9.33	0.3519139	0.3284533		-6.7	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.0	0.3401857	0.3412838		0.3	20	
1,2,4-Trimethylbenzene	A	10.0	9.70	1.362441	1.321496		-3.0	20	
1,3,5-Trimethylbenzene	A	10.0	9.43	1.42661	1.3451		-5.7	20	
Vinyl Chloride	A	10.0	6.73	0.3833392	0.2581409		-32.7	20	*
m+p Xylene	A	20.0	18.9	1.526964	1.44392		-5.4	20	
o-Xylene	A	10.0	9.62	1.478854	1.422297		-3.8	20	
1,2-Dichloroethane-d4	A	25.0	26.3	0.4662628	0.4909043		5.3		
Toluene-d8	A	25.0	24.9	1.134016	1.12784		-0.5		
4-Bromofluorobenzene	A	25.0	24.3	0.893423	0.8672221		-2.9		

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Stuart Olver Holtz #48022480
Con-Test Analytical Laboratory SDG#21L0386
February 8, 2022
Sampling date: 12/6/2021

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for TRC, project located at Stuart Olver Holtz #48022480, Con-Test Analytical Laboratory SDG#21L0386-1 submitted to Vali-Data of WNY, LLC on December 15, 2021. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analysis using USEPA method Volatile Organics (8260D).

ID	Sample ID	Laboratory ID
1	Trip Blank	21L0386-01
2	SOH-DGW-07(29-33)	21L0386-02
3	SOH-DGW-07(11-15)	21L0386-03
4	SOH-DGW-07(7-11)	21L0386-04
5	SOH-DGW-10(5-9)	21L0386-05
6	SOH-DGW-02(7-11)	21L0386-06
7	SOH-DGW-02(13-17)	21L0386-07
8	SOH-DGW-02(18-22)	21L0386-08
9	SOH-DGW-21(11-15)	21L0386-09
10	SOH-DGW-21(5-9)	21L0386-10

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports
-Holding Times
-Internal Standard (IS) Area Performance
-Surrogate Spike Recoveries
-Method Blank
-Field Duplicate Sample Precision
-Laboratory Control Samples
-MS/MSD
-Compound Quantitation
-Initial Calibration
-Continuing Calibration
-GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in Initial Calibration and Continuing Calibration.

Samples: 2-10 were diluted due to high target analyte concentrations.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.
Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met except the pH of several samples was outside QC limits. Those samples were analyzed within the 7-day window, so no further action is required.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
No field duplicate was acquired.

LABORATORY CONTROL SAMPLES
All criteria were met.
Some target analytes were outside QC limits in the laboratory control sample or the laboratory control sample duplicate but not both, so no further action is required.

MS/MSD
No MS/MSD was acquired.

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION

All criteria were met except the RRF of Bromodichloromethane, Chlorodibromomethane, 1,2-Dibromoethane, 1,2-Dichloropropane, cis-1,3-Dichloropropene, 1,4-Dioxane, 1,1,2-Trichloroethane, Trichloroethene, 1,2,3-Trichlorobenzene and 1,2,4-Trichlorobenzene were outside QC limits in the initial calibration. These target analytes should be qualified as estimated in the blanks, samples and spikes.

Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except several target analytes were outside QC limits in the continuing calibrations and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	%D/RRF(*)	Qualifier	Associated Sample
S066178	Vinyl Chloride	-32.7	UJ/J	All blanks, samples, spikes
S066178	Bromodichloromethane	*	UJ/J	All blanks, samples, spikes
S066178	Chlorodibromomethane	*	UJ/J	All blanks, samples, spikes
S066178	1,2-Dibromoethane	*	UJ/J	All blanks, samples, spikes
S066178	1,2-Dichloropropane	*	UJ/J	All blanks, samples, spikes
S066178	cis-1,3-Dichloropropene	*	UJ/J	All blanks, samples, spikes
S066178	1,4-Dioxane	*	UJ/J	All blanks, samples, spikes
S066178	1,1,2-Trichloroethane	*	UJ/J	All blanks, samples, spikes
S066178	Trichloroethene	*	UJ/J	All blanks, samples, spikes
S066178	1,2,3-Trichlorobenzene	*	UJ/J	All blanks, samples, spikes
S066178	1,2,4-Trichlorobenzene	*	UJ/J	All blanks, samples, spikes

GC/MS PERFORMANCE CHECK

All criteria were met.

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For 8260 Tentatively Identified Compounds (TICs) results will not include calibrated compounds that were not requested.

SW-846 8260D

Qualifications:

L-07

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

Methyl Acetate
B296342-BS1

PR-06

pH of sample (pH 3) is outside of method specified preservation criteria.

Analyte & Samples(s) Qualified:

21L0386-05[SOH-DGW-10 (5-9)]

PR-08

pH of sample (pH 5) is outside of method specified preservation criteria.

Analyte & Samples(s) Qualified:

21L0386-03[SOH-DGW-07 (11-15)], 21L0386-07[SOH-DGW-02 (13-17)], 21L0386-08[SOH-DGW-10 (18-22)], 21L0386-09[SOH-DGW-21 (11-15)]

PR-10

pH of sample (pH 7) is outside of method specified preservation criteria.

Analyte & Samples(s) Qualified:

21L0386-10[SOH-DGW-21 (5-9)]

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

21L0386-02[SOH-DGW-07 (29-33)], 21L0386-03[SOH-DGW-07 (11-15)], 21L0386-04[SOH-DGW-07 (7-11)], 21L0386-05[SOH-DGW-10 (5-9)], 21L0386-06[SOH-DGW-02 (7-11)], 21L0386-07[SOH-DGW-02 (13-17)], 21L0386-08[SOH-DGW-10 (18-22)], 21L0386-09[SOH-DGW-21 (11-15)], 21L0386-10[SOH-DGW-21 (5-9)]

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

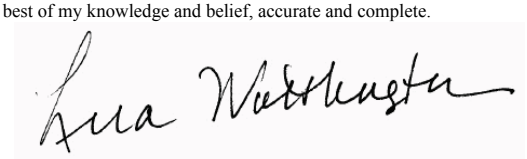
Analyte & Samples(s) Qualified:

Methyl Acetate
21L0386-01[Trip Blank], 21L0386-02[SOH-DGW-07 (29-33)], 21L0386-03[SOH-DGW-07 (11-15)], 21L0386-04[SOH-DGW-07 (7-11)], 21L0386-05[SOH-DGW-10 (5-9)], 21L0386-06[SOH-DGW-02 (7-11)], 21L0386-07[SOH-DGW-02 (13-17)], 21L0386-08[SOH-DGW-10 (18-22)], 21L0386-09[SOH-DGW-21 (11-15)], 21L0386-10[SOH-DGW-21 (5-9)], B296342-BLK1, B296342-BS1, B296342-BSD1, S066178-CCV1

Vinyl Chloride
21L0386-01[Trip Blank], 21L0386-02[SOH-DGW-07 (29-33)], 21L0386-03[SOH-DGW-07 (11-15)], 21L0386-04[SOH-DGW-07 (7-11)], 21L0386-05[SOH-DGW-10 (5-9)], 21L0386-06[SOH-DGW-02 (7-11)], 21L0386-07[SOH-DGW-02 (13-17)], 21L0386-08[SOH-DGW-10 (18-22)], 21L0386-09[SOH-DGW-21 (11-15)], 21L0386-10[SOH-DGW-21 (5-9)], B296342-BLK1, B296342-BS1, B296342-BSD1, S066178-CCV1

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The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: Trip Blank | Sampled: 12/3/2021 07:50

Sample ID: 21L0386-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
Cyclohexane	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/8/21	12/8/21 13:47	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: Trip Blank | Sampled: 12/3/2021 07:50

Sample ID: 21L0386-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
Vinyl Chloride	ND	2.0	0.20	µg/L	1	V-05	SW-846 8260D	12/8/21	12/8/21 13:47	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/8/21	12/8/21 13:47	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		12/8/21 13:47
Toluene-d8	98.6	70-130		12/8/21 13:47
4-Bromofluorobenzene	96.0	70-130		12/8/21 13:47

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: Trip Blank | Sampled: 12/3/2021 07:50

Sample ID: 21L0386-01

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/8/21	12/8/21 13:47	EEH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: SOH-DGW-07 (29-33) | Sampled: 12/3/2021 08:00

Sample ID: 21L0386-02

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	100000	4700	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
Benzene	ND	2000	260	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
Bromochloromethane	ND	2000	720	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
Bromodichloromethane	ND	1000	280	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
Bromoform	ND	2000	580	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
Bromomethane	ND	4000	2100	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
2-Butanone (MEK)	ND	40000	3800	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
Carbon Disulfide	ND	10000	3000	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
Carbon Tetrachloride	ND	10000	340	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
Chlorobenzene	ND	2000	160	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
Chlorodibromomethane	ND	1000	320	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
Chloroethane	ND	4000	740	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
Chloroform	ND	4000	380	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
Chloromethane	ND	4000	760	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
Cyclohexane	ND	10000	3100	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	10000	1400	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
1,2-Dibromoethane (EDB)	ND	1000	300	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
1,2-Dichlorobenzene	ND	2000	200	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
1,3-Dichlorobenzene	ND	2000	180	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
1,4-Dichlorobenzene	ND	2000	220	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
Dichlorodifluoromethane (Freon 12)	ND	4000	400	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
1,1-Dichloroethane	31000	2000	320	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
1,2-Dichloroethane	ND	2000	640	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
1,1-Dichloroethylene	2600	2000	320	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
cis-1,2-Dichloroethylene	160000	2000	300	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
trans-1,2-Dichloroethylene	400	2000	340	µg/L	2000	J	SW-846 8260D	12/8/21	12/8/21 15:36	EEH
1,2-Dichloropropane	ND	2000	360	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
cis-1,3-Dichloropropene	ND	1000	240	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
trans-1,3-Dichloropropene	ND	1000	300	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
1,4-Dioxane	ND	100000	43000	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
Ethylbenzene	ND	2000	180	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
2-Hexanone (MBK)	ND	20000	2800	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
Isopropylbenzene (Cumene)	ND	2000	200	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
Methyl Acetate	ND	2000	780	µg/L	2000	V-05	SW-846 8260D	12/8/21	12/8/21 15:36	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2000	340	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
Methyl Cyclohexane	ND	2000	660	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
Methylene Chloride	4600	10000	600	µg/L	2000	J	SW-846 8260D	12/8/21	12/8/21 15:36	EEH
4-Methyl-2-pentanone (MIBK)	ND	20000	3200	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
Styrene	ND	2000	160	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
1,1,2,2-Tetrachloroethane	ND	1000	180	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
Tetrachloroethylene	ND	2000	400	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
Toluene	ND	2000	220	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
1,2,3-Trichlorobenzene	ND	10000	280	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
1,2,4-Trichlorobenzene	ND	2000	320	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: SOH-DGW-07 (29-33) | Sampled: 12/3/2021 08:00

Sample ID: 21L0386-02

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	17000	2000	340	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
1,1,2-Trichloroethane	ND	2000	300	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
Trichloroethylene	5200	2000	360	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
Trichlorofluoromethane (Freon 11)	ND	4000	380	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2000	480	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
Vinyl Chloride	1300	4000	400	µg/L	2000	J, V-05	SW-846 8260D	12/8/21	12/8/21 15:36	EEH
m+p Xylene	ND	4000	360	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH
o-Xylene	ND	2000	180	µg/L	2000		SW-846 8260D	12/8/21	12/8/21 15:36	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	106	70-130		12/8/21	15:36
Toluene-d8	98.3	70-130		12/8/21	15:36
4-Bromofluorobenzene	96.5	70-130		12/8/21	15:36

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY
Sample Description:
Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: SOH-DGW-07 (29-33)
Sampled: 12/3/2021 08:00

Sample ID: 21L0386-02

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			2000			SW-846 8260D	12/8/21	12/8/21 15:36	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: SOH-DGW-07 (11-15) | Sampled: 12/3/2021 09:00

Sample ID: 21L0386-03

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5000	240	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
Benzene	ND	100	13	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
Bromochloromethane	ND	100	36	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
Bromodichloromethane	ND	50	14	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
Bromoform	ND	100	29	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
Bromomethane	ND	200	110	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
2-Butanone (MEK)	440	2000	190	µg/L	100	J	SW-846 8260D	12/8/21	12/8/21 16:03	EEH
Carbon Disulfide	ND	500	150	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
Carbon Tetrachloride	ND	500	17	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
Chlorobenzene	ND	100	8.0	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
Chlorodibromomethane	ND	50	16	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
Chloroethane	170	200	37	µg/L	100	J	SW-846 8260D	12/8/21	12/8/21 16:03	EEH
Chloroform	ND	200	19	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
Chloromethane	ND	200	38	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
Cyclohexane	ND	500	150	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	500	72	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
1,2-Dibromoethane (EDB)	ND	50	15	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
1,2-Dichlorobenzene	ND	100	10	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
1,3-Dichlorobenzene	ND	100	9.0	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
1,4-Dichlorobenzene	ND	100	11	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
Dichlorodifluoromethane (Freon 12)	ND	200	20	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
1,1-Dichloroethane	6900	100	16	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
1,2-Dichloroethane	ND	100	32	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
1,1-Dichloroethylene	690	100	16	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
cis-1,2-Dichloroethylene	2200	100	15	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
trans-1,2-Dichloroethylene	ND	100	17	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
1,2-Dichloropropane	ND	100	18	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
cis-1,3-Dichloropropene	ND	50	12	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
trans-1,3-Dichloropropene	ND	50	15	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
1,4-Dioxane	ND	5000	2200	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
Ethylbenzene	ND	100	9.0	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
2-Hexanone (MBK)	ND	1000	140	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
Isopropylbenzene (Cumene)	ND	100	10	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
Methyl Acetate	54	100	39	µg/L	100	V-05, J	SW-846 8260D	12/8/21	12/8/21 16:03	EEH
Methyl tert-Butyl Ether (MTBE)	ND	100	17	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
Methyl Cyclohexane	ND	100	33	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
Methylene Chloride	750	500	30	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
4-Methyl-2-pentanone (MIBK)	ND	1000	160	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
Styrene	ND	100	8.0	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
1,1,2,2-Tetrachloroethane	ND	50	9.0	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
Tetrachloroethylene	140	100	20	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
Toluene	ND	100	11	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
1,2,3-Trichlorobenzene	ND	500	14	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
1,2,4-Trichlorobenzene	ND	100	16	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: SOH-DGW-07 (11-15) | Sampled: 12/3/2021 09:00

Sample ID: 21L0386-03

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	6300	100	17	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
1,1,2-Trichloroethane	ND	100	15	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
Trichloroethylene	490	100	18	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
Trichlorofluoromethane (Freon 11)	ND	200	19	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	170	100	24	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
Vinyl Chloride	160	200	20	µg/L	100	V-05, J	SW-846 8260D	12/8/21	12/8/21 16:03	EEH
m+p Xylene	ND	200	18	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH
o-Xylene	ND	100	9.0	µg/L	100		SW-846 8260D	12/8/21	12/8/21 16:03	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		12/8/21 16:03
Toluene-d8	100	70-130		12/8/21 16:03
4-Bromofluorobenzene	96.2	70-130		12/8/21 16:03

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: SOH-DGW-07 (11-15) | Sampled: 12/3/2021 09:00

Sample ID: 21L0386-03

Sample Matrix: Ground Water

Sample Flags: PR-08

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			100			SW-846 8260D	12/8/21	12/8/21 16:03	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: SOH-DGW-07 (7-11) | Sampled: 12/3/2021 09:30

Sample ID: 21L0386-04

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	1000	47	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
Benzene	ND	20	2.6	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
Bromochloromethane	ND	20	7.2	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
Bromodichloromethane	ND	10	2.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
Bromoform	ND	20	5.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
Bromomethane	ND	40	21	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
2-Butanone (MEK)	120	400	38	µg/L	20	J	SW-846 8260D	12/8/21	12/8/21 16:30	EEH
Carbon Disulfide	ND	100	30	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
Carbon Tetrachloride	ND	100	3.4	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
Chlorobenzene	ND	20	1.6	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
Chlorodibromomethane	ND	10	3.2	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
Chloroethane	41	40	7.4	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
Chloroform	ND	40	3.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
Chloromethane	ND	40	7.6	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
Cyclohexane	ND	100	31	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	100	14	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
1,2-Dibromoethane (EDB)	ND	10	3.0	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
1,2-Dichlorobenzene	ND	20	2.0	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
1,3-Dichlorobenzene	ND	20	1.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
1,4-Dichlorobenzene	ND	20	2.2	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
Dichlorodifluoromethane (Freon 12)	ND	40	4.0	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
1,1-Dichloroethane	680	20	3.2	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
1,2-Dichloroethane	ND	20	6.4	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
1,1-Dichloroethylene	51	20	3.2	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
cis-1,2-Dichloroethylene	1400	20	3.0	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
trans-1,2-Dichloroethylene	10	20	3.4	µg/L	20	J	SW-846 8260D	12/8/21	12/8/21 16:30	EEH
1,2-Dichloropropane	ND	20	3.6	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
cis-1,3-Dichloropropene	ND	10	2.4	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
trans-1,3-Dichloropropene	ND	10	3.0	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
1,4-Dioxane	ND	1000	430	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
Ethylbenzene	ND	20	1.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
2-Hexanone (MBK)	ND	200	28	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
Isopropylbenzene (Cumene)	ND	20	2.0	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
Methyl Acetate	22	20	7.8	µg/L	20	V-05	SW-846 8260D	12/8/21	12/8/21 16:30	EEH
Methyl tert-Butyl Ether (MTBE)	ND	20	3.4	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
Methyl Cyclohexane	ND	20	6.6	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
Methylene Chloride	6.2	100	6.0	µg/L	20	J	SW-846 8260D	12/8/21	12/8/21 16:30	EEH
4-Methyl-2-pentanone (MIBK)	ND	200	32	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
Styrene	ND	20	1.6	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
1,1,2,2-Tetrachloroethane	ND	10	1.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
Tetrachloroethylene	55	20	4.0	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
Toluene	ND	20	2.2	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
1,2,3-Trichlorobenzene	ND	100	2.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
1,2,4-Trichlorobenzene	ND	20	3.2	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: SOH-DGW-07 (7-11) | Sampled: 12/3/2021 09:30

Sample ID: 21L0386-04

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	400	20	3.4	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
1,1,2-Trichloroethane	ND	20	3.0	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
Trichloroethylene	510	20	3.6	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
Trichlorofluoromethane (Freon 11)	ND	40	3.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	20	4.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
Vinyl Chloride	38	40	4.0	µg/L	20	V-05, J	SW-846 8260D	12/8/21	12/8/21 16:30	EEH
m+p Xylene	ND	40	3.6	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH
o-Xylene	ND	20	1.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:30	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		12/8/21 16:30
Toluene-d8	100	70-130		12/8/21 16:30
4-Bromofluorobenzene	96.9	70-130		12/8/21 16:30

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: SOH-DGW-07 (7-11) | Sampled: 12/3/2021 09:30

Sample ID: 21L0386-04

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			20			SW-846 8260D	12/8/21	12/8/21 16:30	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: SOH-DGW-10 (5-9) | Sampled: 12/3/2021 12:30

Sample ID: 21L0386-05

Sample Matrix: Ground Water

Sample Flags: PR-06, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	1000	47	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
Benzene	ND	20	2.6	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
Bromochloromethane	ND	20	7.2	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
Bromodichloromethane	ND	10	2.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
Bromoform	ND	20	5.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
Bromomethane	ND	40	21	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
2-Butanone (MEK)	100	400	38	µg/L	20	J	SW-846 8260D	12/8/21	12/8/21 16:58	EEH
Carbon Disulfide	ND	100	30	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
Carbon Tetrachloride	ND	100	3.4	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
Chlorobenzene	ND	20	1.6	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
Chlorodibromomethane	ND	10	3.2	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
Chloroethane	120	40	7.4	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
Chloroform	ND	40	3.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
Chloromethane	ND	40	7.6	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
Cyclohexane	ND	100	31	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	100	14	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
1,2-Dibromoethane (EDB)	ND	10	3.0	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
1,2-Dichlorobenzene	ND	20	2.0	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
1,3-Dichlorobenzene	ND	20	1.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
1,4-Dichlorobenzene	ND	20	2.2	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
Dichlorodifluoromethane (Freon 12)	ND	40	4.0	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
1,1-Dichloroethane	1800	20	3.2	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
1,2-Dichloroethane	ND	20	6.4	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
1,1-Dichloroethylene	150	20	3.2	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
cis-1,2-Dichloroethylene	430	20	3.0	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
trans-1,2-Dichloroethylene	11	20	3.4	µg/L	20	J	SW-846 8260D	12/8/21	12/8/21 16:58	EEH
1,2-Dichloropropane	ND	20	3.6	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
cis-1,3-Dichloropropene	ND	10	2.4	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
trans-1,3-Dichloropropene	ND	10	3.0	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
1,4-Dioxane	ND	1000	430	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
Ethylbenzene	ND	20	1.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
2-Hexanone (MBK)	ND	200	28	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
Isopropylbenzene (Cumene)	ND	20	2.0	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
Methyl Acetate	16	20	7.8	µg/L	20	V-05, J	SW-846 8260D	12/8/21	12/8/21 16:58	EEH
Methyl tert-Butyl Ether (MTBE)	ND	20	3.4	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
Methyl Cyclohexane	ND	20	6.6	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
Methylene Chloride	10	100	6.0	µg/L	20	J	SW-846 8260D	12/8/21	12/8/21 16:58	EEH
4-Methyl-2-pentanone (MIBK)	ND	200	32	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
Styrene	ND	20	1.6	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
1,1,2,2-Tetrachloroethane	ND	10	1.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
Tetrachloroethylene	8.8	20	4.0	µg/L	20	J	SW-846 8260D	12/8/21	12/8/21 16:58	EEH
Toluene	ND	20	2.2	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
1,2,3-Trichlorobenzene	ND	100	2.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
1,2,4-Trichlorobenzene	ND	20	3.2	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: SOH-DGW-10 (5-9) | Sampled: 12/3/2021 12:30

Sample ID: 21L0386-05

Sample Matrix: Ground Water

Sample Flags: PR-06, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	300	20	3.4	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
1,1,2-Trichloroethane	ND	20	3.0	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
Trichloroethylene	410	20	3.6	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
Trichlorofluoromethane (Freon 11)	ND	40	3.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	82	20	4.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
Vinyl Chloride	61	40	4.0	µg/L	20	V-05	SW-846 8260D	12/8/21	12/8/21 16:58	EEH
m+p Xylene	ND	40	3.6	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH
o-Xylene	ND	20	1.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 16:58	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		12/8/21 16:58
Toluene-d8	99.6	70-130		12/8/21 16:58
4-Bromofluorobenzene	97.9	70-130		12/8/21 16:58

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: SOH-DGW-10 (5-9) | Sampled: 12/3/2021 12:30

Sample ID: 21L0386-05

Sample Matrix: Ground Water

Sample Flags: PR-06

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			20			SW-846 8260D	12/8/21	12/8/21 16:58	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: SOH-DGW-02 (7-11) | Sampled: 12/3/2021 14:00

Sample ID: 21L0386-06

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	52	200	9.4	µg/L	4	J	SW-846 8260D	12/8/21	12/8/21 17:25	EEH
Benzene	ND	4.0	0.52	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
Bromochloromethane	ND	4.0	1.4	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
Bromodichloromethane	ND	2.0	0.56	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
Bromoform	ND	4.0	1.2	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
Bromomethane	ND	8.0	4.3	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
2-Butanone (MEK)	70	80	7.5	µg/L	4	J	SW-846 8260D	12/8/21	12/8/21 17:25	EEH
Carbon Disulfide	ND	20	6.1	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
Carbon Tetrachloride	ND	20	0.68	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
Chlorobenzene	ND	4.0	0.32	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
Chlorodibromomethane	ND	2.0	0.64	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
Chloroethane	9.0	8.0	1.5	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
Chloroform	ND	8.0	0.76	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
Chloromethane	ND	8.0	1.5	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
Cyclohexane	ND	20	6.1	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	20	2.9	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
1,2-Dibromoethane (EDB)	ND	2.0	0.60	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
1,2-Dichlorobenzene	ND	4.0	0.40	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
1,3-Dichlorobenzene	ND	4.0	0.36	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
1,4-Dichlorobenzene	ND	4.0	0.44	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
Dichlorodifluoromethane (Freon 12)	ND	8.0	0.80	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
1,1-Dichloroethane	290	4.0	0.64	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
1,2-Dichloroethane	10	4.0	1.3	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
1,1-Dichloroethylene	7.6	4.0	0.64	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
cis-1,2-Dichloroethylene	23	4.0	0.60	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
trans-1,2-Dichloroethylene	1.0	4.0	0.68	µg/L	4	J	SW-846 8260D	12/8/21	12/8/21 17:25	EEH
1,2-Dichloropropane	ND	4.0	0.72	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
cis-1,3-Dichloropropene	ND	2.0	0.48	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
trans-1,3-Dichloropropene	ND	2.0	0.60	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
1,4-Dioxane	700	200	86	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
Ethylbenzene	ND	4.0	0.36	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
2-Hexanone (MBK)	ND	40	5.6	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
Isopropylbenzene (Cumene)	ND	4.0	0.40	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
Methyl Acetate	21	4.0	1.6	µg/L	4	V-05	SW-846 8260D	12/8/21	12/8/21 17:25	EEH
Methyl tert-Butyl Ether (MTBE)	ND	4.0	0.68	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
Methyl Cyclohexane	ND	4.0	1.3	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
Methylene Chloride	ND	20	1.2	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
4-Methyl-2-pentanone (MIBK)	ND	40	6.5	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
Styrene	ND	4.0	0.32	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
1,1,2,2-Tetrachloroethane	ND	2.0	0.36	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
Tetrachloroethylene	ND	4.0	0.80	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
Toluene	0.56	4.0	0.44	µg/L	4	J	SW-846 8260D	12/8/21	12/8/21 17:25	EEH
1,2,3-Trichlorobenzene	ND	20	0.56	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
1,2,4-Trichlorobenzene	ND	4.0	0.64	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: SOH-DGW-02 (7-11) | Sampled: 12/3/2021 14:00

Sample ID: 21L0386-06

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	46	4.0	0.68	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
1,1,2-Trichloroethane	8.5	4.0	0.60	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
Trichloroethylene	2.7	4.0	0.72	µg/L	4	J	SW-846 8260D	12/8/21	12/8/21 17:25	EEH
Trichlorofluoromethane (Freon 11)	ND	8.0	0.76	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	4.0	0.96	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
Vinyl Chloride	ND	8.0	0.80	µg/L	4	V-05	SW-846 8260D	12/8/21	12/8/21 17:25	EEH
m+p Xylene	ND	8.0	0.72	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH
o-Xylene	ND	4.0	0.36	µg/L	4		SW-846 8260D	12/8/21	12/8/21 17:25	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	107	70-130		12/8/21	17:25
Toluene-d8	101	70-130		12/8/21	17:25
4-Bromofluorobenzene	95.6	70-130		12/8/21	17:25

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: SOH-DGW-02 (7-11) | Sampled: 12/3/2021 14:00

Sample ID: 21L0386-06

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			4			SW-846 8260D	12/8/21	12/8/21 17:25	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: SOH-DGW-02 (13-17) | Sampled: 12/6/2021 10:00

Sample ID: 21L0386-07

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5000	240	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
Benzene	ND	100	13	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
Bromochloromethane	ND	100	36	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
Bromodichloromethane	ND	50	14	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
Bromoform	ND	100	29	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
Bromomethane	ND	200	110	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
2-Butanone (MEK)	460	2000	190	µg/L	100	J	SW-846 8260D	12/8/21	12/8/21 17:53	EEH
Carbon Disulfide	ND	500	150	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
Carbon Tetrachloride	ND	500	17	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
Chlorobenzene	ND	100	8.0	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
Chlorodibromomethane	ND	50	16	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
Chloroethane	220	200	37	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
Chloroform	ND	200	19	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
Chloromethane	ND	200	38	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
Cyclohexane	ND	500	150	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	500	72	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
1,2-Dibromoethane (EDB)	ND	50	15	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
1,2-Dichlorobenzene	ND	100	10	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
1,3-Dichlorobenzene	ND	100	9.0	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
1,4-Dichlorobenzene	ND	100	11	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
Dichlorodifluoromethane (Freon 12)	ND	200	20	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
1,1-Dichloroethane	11000	100	16	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
1,2-Dichloroethane	ND	100	32	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
1,1-Dichloroethylene	720	100	16	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
cis-1,2-Dichloroethylene	720	100	15	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
trans-1,2-Dichloroethylene	44	100	17	µg/L	100	J	SW-846 8260D	12/8/21	12/8/21 17:53	EEH
1,2-Dichloropropane	ND	100	18	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
cis-1,3-Dichloropropene	ND	50	12	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
trans-1,3-Dichloropropene	ND	50	15	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
1,4-Dioxane	5000	5000	2200	µg/L	100	J	SW-846 8260D	12/8/21	12/8/21 17:53	EEH
Ethylbenzene	ND	100	9.0	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
2-Hexanone (MBK)	ND	1000	140	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
Isopropylbenzene (Cumene)	ND	100	10	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
Methyl Acetate	66	100	39	µg/L	100	V-05, J	SW-846 8260D	12/8/21	12/8/21 17:53	EEH
Methyl tert-Butyl Ether (MTBE)	ND	100	17	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
Methyl Cyclohexane	ND	100	33	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
Methylene Chloride	ND	500	30	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
4-Methyl-2-pentanone (MIBK)	ND	1000	160	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
Styrene	ND	100	8.0	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
1,1,2,2-Tetrachloroethane	ND	50	9.0	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
Tetrachloroethylene	ND	100	20	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
Toluene	ND	100	11	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
1,2,3-Trichlorobenzene	ND	500	14	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
1,2,4-Trichlorobenzene	ND	100	16	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: SOH-DGW-02 (13-17) | Sampled: 12/6/2021 10:00

Sample ID: 21L0386-07

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	120	100	17	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
1,1,2-Trichloroethane	ND	100	15	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
Trichloroethylene	ND	100	18	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
Trichlorofluoromethane (Freon 11)	ND	200	19	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	100	24	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
Vinyl Chloride	24	200	20	µg/L	100	V-05, J	SW-846 8260D	12/8/21	12/8/21 17:53	EEH
m+p Xylene	ND	200	18	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH
o-Xylene	ND	100	9.0	µg/L	100		SW-846 8260D	12/8/21	12/8/21 17:53	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	105	70-130		12/8/21	17:53
Toluene-d8	101	70-130		12/8/21	17:53
4-Bromofluorobenzene	96.1	70-130		12/8/21	17:53

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: SOH-DGW-02 (13-17) | Sampled: 12/6/2021 10:00

Sample ID: 21L0386-07

Sample Matrix: Ground Water

Sample Flags: PR-08

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			100			SW-846 8260D	12/8/21	12/8/21 17:53	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: SOH-DGW-10 (18-22) | Sampled: 12/6/2021 10:30

Sample ID: 21L0386-08

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	59	1000	47	µg/L	20	J	SW-846 8260D	12/8/21	12/8/21 18:20	EEH
Benzene	ND	20	2.6	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
Bromochloromethane	ND	20	7.2	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
Bromodichloromethane	ND	10	2.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
Bromoform	ND	20	5.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
Bromomethane	ND	40	21	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
2-Butanone (MEK)	120	400	38	µg/L	20	J	SW-846 8260D	12/8/21	12/8/21 18:20	EEH
Carbon Disulfide	ND	100	30	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
Carbon Tetrachloride	ND	100	3.4	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
Chlorobenzene	ND	20	1.6	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
Chlorodibromomethane	ND	10	3.2	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
Chloroethane	ND	40	7.4	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
Chloroform	ND	40	3.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
Chloromethane	ND	40	7.6	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
Cyclohexane	ND	100	31	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	100	14	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
1,2-Dibromoethane (EDB)	ND	10	3.0	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
1,2-Dichlorobenzene	ND	20	2.0	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
1,3-Dichlorobenzene	ND	20	1.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
1,4-Dichlorobenzene	ND	20	2.2	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
Dichlorodifluoromethane (Freon 12)	ND	40	4.0	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
1,1-Dichloroethane	1500	20	3.2	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
1,2-Dichloroethane	ND	20	6.4	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
1,1-Dichloroethylene	35	20	3.2	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
cis-1,2-Dichloroethylene	600	20	3.0	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
trans-1,2-Dichloroethylene	5.0	20	3.4	µg/L	20	J	SW-846 8260D	12/8/21	12/8/21 18:20	EEH
1,2-Dichloropropane	ND	20	3.6	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
cis-1,3-Dichloropropene	ND	10	2.4	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
trans-1,3-Dichloropropene	ND	10	3.0	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
1,4-Dioxane	1300	1000	430	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
Ethylbenzene	ND	20	1.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
2-Hexanone (MBK)	ND	200	28	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
Isopropylbenzene (Cumene)	ND	20	2.0	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
Methyl Acetate	16	20	7.8	µg/L	20	V-05, J	SW-846 8260D	12/8/21	12/8/21 18:20	EEH
Methyl tert-Butyl Ether (MTBE)	ND	20	3.4	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
Methyl Cyclohexane	ND	20	6.6	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
Methylene Chloride	ND	100	6.0	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
4-Methyl-2-pentanone (MIBK)	ND	200	32	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
Styrene	ND	20	1.6	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
1,1,2,2-Tetrachloroethane	ND	10	1.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
Tetrachloroethylene	ND	20	4.0	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
Toluene	ND	20	2.2	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
1,2,3-Trichlorobenzene	ND	100	2.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
1,2,4-Trichlorobenzene	ND	20	3.2	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: SOH-DGW-10 (18-22) | Sampled: 12/6/2021 10:30

Sample ID: 21L0386-08

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	6.2	20	3.4	µg/L	20	J	SW-846 8260D	12/8/21	12/8/21 18:20	EEH
1,1,2-Trichloroethane	ND	20	3.0	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
Trichloroethylene	170	20	3.6	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
Trichlorofluoromethane (Freon 11)	ND	40	3.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	20	4.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
Vinyl Chloride	13	40	4.0	µg/L	20	V-05, J	SW-846 8260D	12/8/21	12/8/21 18:20	EEH
m+p Xylene	ND	40	3.6	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH
o-Xylene	ND	20	1.8	µg/L	20		SW-846 8260D	12/8/21	12/8/21 18:20	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		12/8/21 18:20
Toluene-d8	99.2	70-130		12/8/21 18:20
4-Bromofluorobenzene	97.1	70-130		12/8/21 18:20

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: SOH-DGW-10 (18-22) | Sampled: 12/6/2021 10:30

Sample ID: 21L0386-08

Sample Matrix: Ground Water

Sample Flags: PR-08

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			20			SW-846 8260D	12/8/21	12/8/21 18:20	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: SOH-DGW-21 (11-15) | Sampled: 12/6/2021 13:00

Sample ID: 21L0386-09

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	120000	5900	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
Benzene	ND	2500	320	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
Bromochloromethane	ND	2500	900	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
Bromodichloromethane	ND	1200	350	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
Bromoform	ND	2500	720	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
Bromomethane	ND	5000	2700	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
2-Butanone (MEK)	ND	50000	4700	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
Carbon Disulfide	ND	12000	3800	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
Carbon Tetrachloride	ND	12000	420	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
Chlorobenzene	ND	2500	200	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
Chlorodibromomethane	ND	1200	400	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
Chloroethane	ND	5000	920	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
Chloroform	ND	5000	480	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
Chloromethane	ND	5000	950	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
Cyclohexane	ND	12000	3800	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	12000	1800	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
1,2-Dibromoethane (EDB)	ND	1200	380	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
1,2-Dichlorobenzene	ND	2500	250	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
1,3-Dichlorobenzene	ND	2500	220	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
1,4-Dichlorobenzene	ND	2500	280	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
Dichlorodifluoromethane (Freon 12)	ND	5000	500	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
1,1-Dichloroethane	6100	2500	400	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
1,2-Dichloroethane	ND	2500	800	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
1,1-Dichloroethylene	6600	2500	400	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
cis-1,2-Dichloroethylene	5800	2500	380	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
trans-1,2-Dichloroethylene	ND	2500	420	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
1,2-Dichloropropane	ND	2500	450	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
cis-1,3-Dichloropropene	ND	1200	300	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
trans-1,3-Dichloropropene	ND	1200	380	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
1,4-Dioxane	ND	120000	54000	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
Ethylbenzene	ND	2500	220	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
2-Hexanone (MBK)	ND	25000	3500	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
Isopropylbenzene (Cumene)	ND	2500	250	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
Methyl Acetate	ND	2500	980	µg/L	2500	V-05	SW-846 8260D	12/8/21	12/8/21 18:47	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2500	420	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
Methyl Cyclohexane	ND	2500	820	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
Methylene Chloride	ND	12000	750	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
4-Methyl-2-pentanone (MIBK)	ND	25000	4000	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
Styrene	ND	2500	200	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
1,1,2,2-Tetrachloroethane	ND	1200	220	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
Tetrachloroethylene	2600	2500	500	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
Toluene	720	2500	280	µg/L	2500	J	SW-846 8260D	12/8/21	12/8/21 18:47	EEH
1,2,3-Trichlorobenzene	ND	12000	350	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
1,2,4-Trichlorobenzene	ND	2500	400	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: SOH-DGW-21 (11-15) | Sampled: 12/6/2021 13:00

Sample ID: 21L0386-09

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	230000	2500	420	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
1,1,2-Trichloroethane	ND	2500	380	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
Trichloroethylene	29000	2500	450	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
Trichlorofluoromethane (Freon 11)	ND	5000	480	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2500	600	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH
Vinyl Chloride	ND	5000	500	µg/L	2500	V-05	SW-846 8260D	12/8/21	12/8/21 18:47	EEH
m+p Xylene	520	5000	450	µg/L	2500	J	SW-846 8260D	12/8/21	12/8/21 18:47	EEH
o-Xylene	ND	2500	220	µg/L	2500		SW-846 8260D	12/8/21	12/8/21 18:47	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	103	70-130		12/8/21	18:47
Toluene-d8	101	70-130		12/8/21	18:47
4-Bromofluorobenzene	96.7	70-130		12/8/21	18:47

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: SOH-DGW-21 (11-15) | Sampled: 12/6/2021 13:00

Sample ID: 21L0386-09

Sample Matrix: Ground Water

Sample Flags: PR-08

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			2500			SW-846 8260D	12/8/21	12/8/21 18:47	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: SOH-DGW-21 (5-9) | Sampled: 12/6/2021 13:50

Sample ID: 21L0386-10

Sample Matrix: Ground Water

Sample Flags: PR-10, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	200	2500	120	µg/L	50	J	SW-846 8260D	12/8/21	12/8/21 19:14	EEH
Benzene	ND	50	6.5	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
Bromochloromethane	ND	50	18	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
Bromodichloromethane	ND	25	7.0	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
Bromoform	ND	50	14	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
Bromomethane	ND	100	54	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
2-Butanone (MEK)	420	1000	94	µg/L	50	J	SW-846 8260D	12/8/21	12/8/21 19:14	EEH
Carbon Disulfide	ND	250	76	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
Carbon Tetrachloride	ND	250	8.5	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
Chlorobenzene	ND	50	4.0	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
Chlorodibromomethane	ND	25	8.0	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
Chloroethane	85	100	18	µg/L	50	J	SW-846 8260D	12/8/21	12/8/21 19:14	EEH
Chloroform	ND	100	9.5	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
Chloromethane	ND	100	19	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
Cyclohexane	ND	250	76	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	250	36	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
1,2-Dibromoethane (EDB)	ND	25	7.5	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
1,2-Dichlorobenzene	ND	50	5.0	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
1,3-Dichlorobenzene	ND	50	4.5	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
1,4-Dichlorobenzene	ND	50	5.5	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
Dichlorodifluoromethane (Freon 12)	ND	100	10	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
1,1-Dichloroethane	1000	50	8.0	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
1,2-Dichloroethane	ND	50	16	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
1,1-Dichloroethylene	360	50	8.0	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
cis-1,2-Dichloroethylene	520	50	7.5	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
trans-1,2-Dichloroethylene	ND	50	8.5	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
1,2-Dichloropropane	ND	50	9.0	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
cis-1,3-Dichloropropene	ND	25	6.0	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
trans-1,3-Dichloropropene	ND	25	7.5	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
1,4-Dioxane	9900	2500	1100	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
Ethylbenzene	10	50	4.5	µg/L	50	J	SW-846 8260D	12/8/21	12/8/21 19:14	EEH
2-Hexanone (MBK)	ND	500	70	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
Isopropylbenzene (Cumene)	ND	50	5.0	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
Methyl Acetate	57	50	20	µg/L	50	V-05	SW-846 8260D	12/8/21	12/8/21 19:14	EEH
Methyl tert-Butyl Ether (MTBE)	ND	50	8.5	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
Methyl Cyclohexane	ND	50	16	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
Methylene Chloride	ND	250	15	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
4-Methyl-2-pentanone (MIBK)	ND	500	81	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
Styrene	ND	50	4.0	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
1,1,2,2-Tetrachloroethane	ND	25	4.5	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
Tetrachloroethylene	820	50	10	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
Toluene	20	50	5.5	µg/L	50	J	SW-846 8260D	12/8/21	12/8/21 19:14	EEH
1,2,3-Trichlorobenzene	ND	250	7.0	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
1,2,4-Trichlorobenzene	ND	50	8.0	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: SOH-DGW-21 (5-9) | Sampled: 12/6/2021 13:50

Sample ID: 21L0386-10

Sample Matrix: Ground Water

Sample Flags: PR-10, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	4400	50	8.5	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
1,1,2-Trichloroethane	ND	50	7.5	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
Trichloroethylene	880	50	9.0	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
Trichlorofluoromethane (Freon 11)	ND	100	9.5	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	50	12	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH
Vinyl Chloride	ND	100	10	µg/L	50	V-05	SW-846 8260D	12/8/21	12/8/21 19:14	EEH
m+p Xylene	22	100	9.0	µg/L	50	J	SW-846 8260D	12/8/21	12/8/21 19:14	EEH
o-Xylene	70	50	4.5	µg/L	50		SW-846 8260D	12/8/21	12/8/21 19:14	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		12/8/21 19:14
Toluene-d8	99.8	70-130		12/8/21 19:14
4-Bromofluorobenzene	95.8	70-130		12/8/21 19:14

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0386

Date Received: 12/7/2021

Field Sample #: SOH-DGW-21 (5-9) | Sampled: 12/6/2021 13:50

Sample ID: 21L0386-10

Sample Matrix: Ground Water

Sample Flags: PR-10

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
tert-Amyl Alcohol	2500	µg/L	3528	4.02	50	75-85-4		SW-846 8260D	12/8/21	12/8/21 19:14	EEH

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0386
Client:	NYDEC_TRC Environmental Corporation- Clifton Park	Project:	Stuart Olver Holtz- CO SMPB0001
Calibration:	2100495	Instrument:	GCMSVOA5
		Calibration Date:	11/2/2021 10:46:32AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
Acetone	9.971721E-02	11.2			20	
Acrolein	5.904374E-02	7.6			20	
Acrylonitrile	0.1206755	9.8			20	
tert-Amyl Methyl Ether (TAME)	0.5875525	4.1			20	
Benzene	1.030994	5.6			20	
Bromobenzene	0.6578564	5.4			20	
Bromochloromethane	0.1760127	8.7			20	
Bromodichloromethane	0.240508	8.0			20	
Bromoform	0.2640673	13.7			20	
Bromomethane	0.2069564	19.3			20	
2-Butanone (MEK)	0.1063407	7.1			20	
tert-Butyl Alcohol (TBA)	3.144159E-02	4.2			20	
n-Butylbenzene	1.254044	13.6			20	
sec-Butylbenzene	1.741751	10.8			20	
tert-Butylbenzene	1.245599	7.6			20	
tert-Butyl Ethyl Ether (TBEE)	0.6138734	4.1			20	
Carbon Disulfide	0.9333128	9.2			20	
Carbon Tetrachloride	0.3734387	7.3			20	
Chlorobenzene	1.177246	5.3			20	
Chlorodibromomethane	0.1919733	14.1			20	
Chloroethane	0.202755	7.2			20	
2-Chloroethyl Vinyl Ether	7.342345E-02	19.7			20	
Chloroform	0.4696446	3.3			20	
Chloromethane	0.2837817	17.1			20	
2-Chlorotoluene	1.248309	5.0			20	
4-Chlorotoluene	1.261032	9.4			20	
Cyclohexane	0.3892371	4.2			20	
1,2-Dibromo-3-chloropropane (DBCP)	6.483508E-02	11.2			20	
1,2-Dibromoethane (EDB)	0.1705556	8.6			20	
Dibromomethane	0.1202042	5.9			20	
1,2-Dichlorobenzene	0.7607758	6.7			20	

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0386
Client:	NYDEC_TRC Environmental Corporation- Clifton Park	Project:	Stuart Olver Holtz- CO SMPB0001
Calibration:	2100495	Instrument:	GCMSVOA5
		Calibration Date:	11/2/2021 10:46:32AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
1,3-Dichlorobenzene	0.8652448	6.4			20	
1,4-Dichlorobenzene	0.8729494	4.5			20	
trans-1,4-Dichloro-2-butene	0.1022698	10.4			20	
Dichlorodifluoromethane (Freon 12)	0.4316492	4.7			20	
1,1-Dichloroethane	0.4279142	2.7			20	
1,2-Dichloroethane	0.2511954	10.8			20	
1,1-Dichloroethylene	0.5394836	9.2			20	
cis-1,2-Dichloroethylene	0.3397741	4.1			20	
trans-1,2-Dichloroethylene	0.4007514	14.9			20	
Dichlorofluoromethane (Freon 21)	0.6263142	3.9			20	
1,2-Dichloropropane	0.174309	6.5			20	
1,3-Dichloropropane	0.2603321	6.1			20	
2,2-Dichloropropane	0.340166	4.5			20	
1,1-Dichloropropene	0.3492152	4.2			20	
cis-1,3-Dichloropropene	0.2730169	9.5			20	
trans-1,3-Dichloropropene	0.2164539	14.4			20	
Diethyl Ether	0.2074504	3.5			20	
Difluorochloromethane (Freon 22)	0.3500671	12.6			20	
Diisopropyl Ether (DIPE)	0.6295705	4.6			20	
1,4-Dioxane	2.079222E-03	15.1			20	
Ethanol	5.702641E-03	26.2	0.999		0.99	
Ethyl Acetate	0.1837437	19.5			20	
Ethylbenzene	1.891333	7.1			20	
Hexachlorobutadiene	0.2126581	14.8			20	
2-Hexanone (MBK)	0.1042072	10.7			20	
Iodomethane	0.4600924	25.0	1.000		0.99	
Isopropylbenzene (Cumene)	1.934676	6.9			20	
p-Isopropyltoluene (p-Cymene)	1.440419	10.2			20	
Methyl Acetate	0.4643096	55.8	1.000		0.99	
Methyl tert-Butyl Ether (MTBE)	0.5956711	5.5			20	
Methyl Cyclohexane	0.2972607	4.4			20	

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0386
Client:	NYDEC_TRC Environmental Corporation- Clifton Park	Project:	Stuart Olver Holtz- CO SMPB0001
Calibration:	2100495	Instrument:	GCMSVOA5
		Calibration Date:	11/2/2021 10:46:32AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
Methylene Chloride	0.4175738	9.4			20	
4-Methyl-2-pentanone (MIBK)	0.1516821	10.7			20	
Naphthalene	0.81896	14.0			20	
n-Propylbenzene	2.176342	10.2			20	
Styrene	1.109244	11.1			20	
1,1,1,2-Tetrachloroethane	0.4074272	8.9			20	
1,1,2,2-Tetrachloroethane	0.4673397	8.6			20	
Tetrachloroethylene	0.2350574	10.4			20	
Tetrahydrofuran	6.099569E-02	14.4			20	
Toluene	0.8018204	4.2			20	
1,2,3-Trichlorobenzene	0.304324	13.0			20	
1,2,4-Trichlorobenzene	0.3856043	14.2			20	
1,3,5-Trichlorobenzene	0.4713041	12.3			20	
1,1,1-Trichloroethane	0.3984225	4.2			20	
1,1,2-Trichloroethane	0.1570952	7.4			20	
Trichloroethylene	0.198617	5.5			20	
Trichlorofluoromethane (Freon 11)	0.6053005	4.2			20	
1,2,3-Trichloropropane	0.3519139	4.7			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.3401857	9.9			20	
1,2,3-Trimethylbenzene	1.302534	8.2			20	
1,2,4-Trimethylbenzene	1.362441	9.3			20	
1,3,5-Trimethylbenzene	1.42661	11.0			20	
Vinyl Acetate	0.4871599	12.3			20	
Vinyl Chloride	0.3833392	18.9			20	
m+p Xylene	1.526964	9.7			20	
o-Xylene	1.478854	8.8			20	
1,2-Dichloroethane-d4	0.4662628	2.1			20	
Toluene-d8	1.134016	0.6			20	
4-Bromofluorobenzene	0.893423	3.8			20	

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0386
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA5	Calibration:	2100495
Lab File ID:	E21V134202.D	Calibration Date:	11/02/21 10:46
Sequence:	S066178	Injection Date:	12/08/21
Lab Sample ID:	S066178-CCV1	Injection Time:	08:48

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	100	81.6	9.971721E-02	8.137395E-02		-18.4	20
Acrylonitrile	A	10.0	8.54	0.1206755	0.1030768		-14.6	20
tert-Amyl Methyl Ether (TAME)	A	10.0	10.2	0.5875525	0.5970171		1.6	20
Benzene	A	10.0	9.26	1.030994	0.9545723		-7.4	20
Bromobenzene	A	10.0	9.50	0.6578564	0.6246569		-5.0	20
Bromochloromethane	A	10.0	10.6	0.1760127	0.1859851		5.7	20
Bromodichloromethane	A	10.0	9.70	0.240508	0.2331952		-3.0	20
Bromoform	A	10.0	10.2	0.2640673	0.270439		2.4	20
Bromomethane	A	10.0	9.43	0.2069564	0.1950951		-5.7	20
2-Butanone (MEK)	A	100	83.8	0.1063407	8.910675E-02		-16.2	20
tert-Butyl Alcohol (TBA)	A	100	81.2	3.144159E-02	2.551824E-02		-18.8	20
n-Butylbenzene	A	10.0	9.52	1.254044	1.193794		-4.8	20
sec-Butylbenzene	A	10.0	9.50	1.741751	1.654842		-5.0	20
tert-Butylbenzene	A	10.0	9.66	1.245599	1.20323		-3.4	20
tert-Butyl Ethyl Ether (TBEE)	A	10.0	10.1	0.6138734	0.6197972		1.0	20
Carbon Disulfide	A	100	86.5	0.9333128	0.8070595		-13.5	20
Carbon Tetrachloride	A	10.0	9.95	0.3734387	0.3716131		-0.5	20
Chlorobenzene	A	10.0	9.82	1.177246	1.15563		-1.8	20
Chlorodibromomethane	A	10.0	10.1	0.1919733	0.1933104		0.7	20
Chloroethane	A	10.0	10.2	0.202755	0.2068983		2.0	20
Chloroform	A	10.0	9.80	0.4696446	0.4603056		-2.0	20
Chloromethane	A	10.0	8.41	0.2837817	0.2387477		-15.9	20
2-Chlorotoluene	A	10.0	9.32	1.248309	1.163625		-6.8	20
4-Chlorotoluene	A	10.0	9.57	1.261032	1.207159		-4.3	20
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	8.96	6.483508E-02	0.0580916		-10.4	20
1,2-Dibromoethane (EDB)	A	10.0	10.0	0.1705556	0.1708844		0.2	20
Dibromomethane	A	10.0	9.99	0.1202042	0.1200805		-0.1	20
1,2-Dichlorobenzene	A	10.0	9.95	0.7607758	0.756889		-0.5	20
1,3-Dichlorobenzene	A	10.0	9.83	0.8652448	0.8508833		-1.7	20

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0386
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA5	Calibration:	2100495
Lab File ID:	E21V134202.D	Calibration Date:	11/02/21 10:46
Sequence:	S066178	Injection Date:	12/08/21
Lab Sample ID:	S066178-CCV1	Injection Time:	08:48

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,4-Dichlorobenzene	A	10.0	9.82	0.8729494	0.8571955		-1.8	20	
trans-1,4-Dichloro-2-butene	A	10.0	9.53	0.1022698	9.747171E-02		-4.7	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	10.1	0.4316492	0.4344344		0.6	20	
1,1-Dichloroethane	A	10.0	9.84	0.4279142	0.4210806		-1.6	20	
1,2-Dichloroethane	A	10.0	9.49	0.2511954	0.23828		-5.1	20	
1,1-Dichloroethylene	A	10.0	8.59	0.5394836	0.4634375		-14.1	20	
cis-1,2-Dichloroethylene	A	10.0	9.72	0.3397741	0.3302457		-2.8	20	
trans-1,2-Dichloroethylene	A	10.0	8.33	0.4007514	0.333704		-16.7	20	
1,2-Dichloropropane	A	10.0	9.62	0.174309	0.1677321		-3.8	20	
1,3-Dichloropropane	A	10.0	9.73	0.2603321	0.253189		-2.7	20	
2,2-Dichloropropane	A	10.0	10.9	0.340166	0.369736		8.7	20	
1,1-Dichloropropene	A	10.0	9.73	0.3492152	0.3396719		-2.7	20	
cis-1,3-Dichloropropene	A	10.0	9.98	0.2730169	0.2724113		-0.2	20	
trans-1,3-Dichloropropene	A	10.0	10.3	0.2164539	0.2235547		3.3	20	
Diethyl Ether	A	10.0	9.28	0.2074504	0.1924427		-7.2	20	
Diisopropyl Ether (DIPE)	A	10.0	9.73	0.6295705	0.6123296		-2.7	20	
1,4-Dioxane	A	100	81.1	2.079222E-03	1.686359E-03		-18.9	20	
Ethylbenzene	A	10.0	9.60	1.891333	1.814977		-4.0	20	
Hexachlorobutadiene	A	10.0	9.55	0.2126581	0.2030643		-4.5	20	
2-Hexanone (MBK)	A	100	90.2	0.1042072	0.0939607		-9.8	20	
Isopropylbenzene (Cumene)	A	10.0	9.48	1.934676	1.833807		-5.2	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	9.51	1.440419	1.369334		-4.9	20	
Methyl Acetate	A	10.0	7.08	0.4643096	0.2165082		-29.2	20	*
Methyl tert-Butyl Ether (MTBE)	A	10.0	10.4	0.5956711	0.6207663		4.2	20	
Methyl Cyclohexane	A	10.0	9.58	0.2972607	0.2847486		-4.2	20	
Methylene Chloride	A	10.0	9.39	0.4175738	0.3921897		-6.1	20	
4-Methyl-2-pentanone (MIBK)	A	100	91.2	0.1516821	0.1383116		-8.8	20	
Naphthalene	A	10.0	8.86	0.81896	0.7252318		-11.4	20	
n-Propylbenzene	A	10.0	9.43	2.176342	2.051433		-5.7	20	

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0386
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA5	Calibration:	2100495
Lab File ID:	E21V134202.D	Calibration Date:	11/02/21 10:46
Sequence:	S066178	Injection Date:	12/08/21
Lab Sample ID:	S066178-CCV1	Injection Time:	08:48

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Styrene	A	10.0	9.66	1.109244	1.071563		-3.4	20	
1,1,1,2-Tetrachloroethane	A	10.0	9.84	0.4074272	0.4007866		-1.6	20	
1,1,2,2-Tetrachloroethane	A	10.0	9.25	0.4673397	0.4322177		-7.5	20	
Tetrachloroethylene	A	10.0	10.2	0.2350574	0.2400508		2.1	20	
Tetrahydrofuran	A	10.0	8.90	6.099569E-02	5.430303E-02		-11.0	20	
Toluene	A	10.0	9.50	0.8018204	0.7621242		-5.0	20	
1,2,3-Trichlorobenzene	A	10.0	8.95	0.304324	0.2724666		-10.5	20	
1,2,4-Trichlorobenzene	A	10.0	9.53	0.3856043	0.3673901		-4.7	20	
1,3,5-Trichlorobenzene	A	10.0	10.1	0.4713041	0.4752104		0.8	20	
1,1,1-Trichloroethane	A	10.0	9.79	0.3984225	0.3902514		-2.1	20	
1,1,2-Trichloroethane	A	10.0	9.91	0.1570952	0.1556374		-0.9	20	
Trichloroethylene	A	10.0	9.80	0.198617	0.1946918		-2.0	20	
Trichlorofluoromethane (Freon 11)	A	10.0	9.11	0.6053005	0.5511813		-8.9	20	
1,2,3-Trichloropropane	A	10.0	9.33	0.3519139	0.3284533		-6.7	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.0	0.3401857	0.3412838		0.3	20	
1,2,4-Trimethylbenzene	A	10.0	9.70	1.362441	1.321496		-3.0	20	
1,3,5-Trimethylbenzene	A	10.0	9.43	1.42661	1.3451		-5.7	20	
Vinyl Chloride	A	10.0	6.73	0.3833392	0.2581409		-32.7	20	*
m+p Xylene	A	20.0	18.9	1.526964	1.44392		-5.4	20	
o-Xylene	A	10.0	9.62	1.478854	1.422297		-3.8	20	
1,2-Dichloroethane-d4	A	25.0	26.3	0.4662628	0.4909043		5.3		
Toluene-d8	A	25.0	24.9	1.134016	1.12784		-0.5		
4-Bromofluorobenzene	A	25.0	24.3	0.893423	0.8672221		-2.9		

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Stuart Olver Holtz #48022480
Con-Test Analytical Laboratory SDG#21L0879
February 9, 2022
Sampling date: 12/9, 10/2021

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for TRC, project located at Stuart Olver Holtz #48022480, Con-Test Analytical Laboratory SDG#21L0879-1 submitted to Vali-Data of WNY, LLC on January 5, 2022. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analysis using USEPA method Volatile Organics (8260D).

ID	Sample ID	Laboratory ID
1	Trip Blank	21L0879-01
2	SOH-DGW-13(30-34)	21L0879-02
3	SOH-DGW-15(31-35)	21L0879-03
4	SOH-DGW-03(13-17)	21L0879-04
5	SOH-DGW-01(21-25)	21L0879-05
6	SOH-DGW-09(8-12)	21L0879-06
7	SOH-DGW-09(20-24)	21L0879-07
8	SOH-DGW-09(25-29)	21L0879-08
9	SOH-DGW-08(26-30)	21L0879-09
10	SOH-DGW-11(5-9)	21L0879-10
11	SOH-DGW-11(11-15)	21L0879-11
12	SOH-DGW-11(22-26)	21L0879-12
13	SOH-DGW-04(9-13)	21L0879-13

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports
-Holding Times
-Internal Standard (IS) Area Performance
-Surrogate Spike Recoveries
-Method Blank
-Field Duplicate Sample Precision
-Laboratory Control Samples
-MS/MSD
-Compound Quantitation
-Initial Calibration
-Continuing Calibration
-GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in Laboratory Control Samples, Initial Calibration and Continuing Calibration.

Samples: 4-9, 11-13 were diluted due to high target analyte concentrations.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.
Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met except the pH of several samples was outside QC limits. Those samples were analyzed within the 7-day window, so no further action is required.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
No field duplicate was acquired.

LABORATORY CONTROL SAMPLES
All criteria were met except the %Rec of Bromomethane was outside QC limits, high in B297030-BS1/BSD1 and should be qualified as estimated. This target analyte was not detected in the samples, so no further action is required.

MS/MSD
No MS/MSD was acquired.

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION
All criteria were met except the %Rec of Bromomethane and Chloromethane were outside QC limits in the initial calibration verification. These target analytes should be qualified as estimated in the blanks, samples and spikes.
Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION
All criteria were met except several target analytes were outside QC limits in the continuing calibrations and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	%D	Qualifier	Associated Sample
S066505	Bromomethane	63.3	UJ/J	B297030-BLK1,BS1,BSD1, 1-13
S066505	Chloromethane	-57.6	UJ/J	B297030-BLK1,BS1,BSD1, 1-13
S066505	t-Butyl alcohol	-20.9	UJ/J	B297030-BLK1,BS1,BSD1

GC/MS PERFORMANCE CHECK
All criteria were met.

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For 8260 Tentatively Identified Compounds (TICs) results will not include calibrated compounds that were not requested.

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SW-846 8260D

Qualifications:

L-02

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

Bromomethane
B297030-BS1, B297030-BSD1

PR-06

pH of sample (pH 3) is outside of method specified preservation criteria.

Analyte & Samples(s) Qualified:

21L0879-06[SOH-DGW-09 (8-12)]

PR-08

pH of sample (pH 5) is outside of method specified preservation criteria.

Analyte & Samples(s) Qualified:

21L0879-05[SOH-DGW-01 (21-25)], 21L0879-08[SOH-DGW-09 (25-29)], 21L0879-11[SOH-DGW-11 (11-15)]

PR-09

pH of sample (pH 6) is outside of method specified preservation criteria.

Analyte & Samples(s) Qualified:

21L0879-03[SOH-DGW-15 (31-35)], 21L0879-07[SOH-DGW-09 (20-24)], 21L0879-10[SOH-DGW-11 (5-9)], 21L0879-12[SOH-DGW-11 (22-26)]

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

21L0879-04[SOH-DGW-03 (13-17)], 21L0879-05[SOH-DGW-01 (21-25)], 21L0879-06[SOH-DGW-09 (8-12)], 21L0879-07[SOH-DGW-09 (20-24)], 21L0879-08[SOH-DGW-09 (25-29)], 21L0879-09[SOH-DGW-08 (26-30)], 21L0879-11[SOH-DGW-11 (11-15)], 21L0879-12[SOH-DGW-11 (22-26)], 21L0879-13[SOH-DGW-04 (9-13)]

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

Acetone
21L0879-01[Trip Blank], 21L0879-02[SOH-DGW-13 (30-34)], 21L0879-03[SOH-DGW-15 (31-35)], 21L0879-04[SOH-DGW-03 (13-17)], 21L0879-05[SOH-DGW-01 (21-25)], 21L0879-06[SOH-DGW-09 (8-12)], 21L0879-07[SOH-DGW-09 (20-24)], 21L0879-08[SOH-DGW-09 (25-29)], 21L0879-09[SOH-DGW-08 (26-30)], 21L0879-10[SOH-DGW-11 (5-9)], 21L0879-11[SOH-DGW-11 (11-15)], 21L0879-12[SOH-DGW-11 (22-26)], 21L0879-13[SOH-DGW-04 (9-13)], B297030-BLK1, B297030-BS1, B297030-BSD1, S066505-CCV1
Chloromethane
21L0879-01[Trip Blank], 21L0879-02[SOH-DGW-13 (30-34)], 21L0879-03[SOH-DGW-15 (31-35)], 21L0879-04[SOH-DGW-03 (13-17)], 21L0879-05[SOH-DGW-01 (21-25)], 21L0879-06[SOH-DGW-09 (8-12)], 21L0879-07[SOH-DGW-09 (20-24)], 21L0879-08[SOH-DGW-09 (25-29)], 21L0879-09[SOH-DGW-08 (26-30)], 21L0879-10[SOH-DGW-11 (5-9)], 21L0879-11[SOH-DGW-11 (11-15)], 21L0879-12[SOH-DGW-11 (22-26)], 21L0879-13[SOH-DGW-04 (9-13)], B297030-BLK1, B297030-BS1, B297030-BSD1, S066505-CCV1
Methyl Acetate
21L0879-01[Trip Blank], 21L0879-02[SOH-DGW-13 (30-34)], 21L0879-03[SOH-DGW-15 (31-35)], 21L0879-04[SOH-DGW-03 (13-17)], 21L0879-05[SOH-DGW-01 (21-25)], 21L0879-06[SOH-DGW-09 (8-12)], 21L0879-07[SOH-DGW-09 (20-24)], 21L0879-08[SOH-DGW-09 (25-29)], 21L0879-09[SOH-DGW-08 (26-30)], 21L0879-10[SOH-DGW-11 (5-9)], 21L0879-11[SOH-DGW-11 (11-15)], 21L0879-12[SOH-DGW-11 (22-26)], 21L0879-13[SOH-DGW-04 (9-13)], B297030-BLK1, B297030-BS1, B297030-BSD1, S066505-CCV1
tert-Butyl Alcohol (TBA)
B297030-BLK1, B297030-BS1, B297030-BSD1, S066505-CCV1

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bromomethane
B297030-BS1, B297030-BSD1, S066505-CCV1

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V-34

Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

Analyte & Samples(s) Qualified:

Bromomethane

21L0879-01[Trip Blank], 21L0879-02[SOH-DGW-13 (30-34)], 21L0879-03[SOH-DGW-15 (31-35)], 21L0879-04[SOH-DGW-03 (13-17)], 21L0879-05[SOH-DGW-01 (21-25)], 21L0879-06[SOH-DGW-09 (8-12)], 21L0879-07[SOH-DGW-09 (20-24)], 21L0879-08[SOH-DGW-09 (25-29)], 21L0879-09[SOH-DGW-08 (26-30)], 21L0879-10[SOH-DGW-11 (5-9)], 21L0879-11[SOH-DGW-11 (11-15)], 21L0879-12[SOH-DGW-11 (22-26)], 21L0879-13[SOH-DGW-04 (9-13)], B297030-BLK1, B297030-BS1, B297030-BSD1, S066505-CCV1

Chloromethane

21L0879-01[Trip Blank], 21L0879-02[SOH-DGW-13 (30-34)], 21L0879-03[SOH-DGW-15 (31-35)], 21L0879-04[SOH-DGW-03 (13-17)], 21L0879-05[SOH-DGW-01 (21-25)], 21L0879-06[SOH-DGW-09 (8-12)], 21L0879-07[SOH-DGW-09 (20-24)], 21L0879-08[SOH-DGW-09 (25-29)], 21L0879-09[SOH-DGW-08 (26-30)], 21L0879-10[SOH-DGW-11 (5-9)], 21L0879-11[SOH-DGW-11 (11-15)], 21L0879-12[SOH-DGW-11 (22-26)], 21L0879-13[SOH-DGW-04 (9-13)], B297030-BLK1, B297030-BS1, B297030-BSD1, S066505-CCV1

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Tod E. Kopyscinski
Laboratory Director

con-test® A Pace Analytical® Laboratory
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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: Trip Blank | Sampled: 12/9/2021 07:40

Sample ID: 21L0879-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1	V-05	SW-846 8260D	12/16/21	12/16/21 12:06	LBD
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
Bromomethane	ND	5.0	1.1	µg/L	1	V-34	SW-846 8260D	12/16/21	12/16/21 12:06	LBD
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
Chloromethane	ND	2.0	0.38	µg/L	1	V-05, V-34	SW-846 8260D	12/16/21	12/16/21 12:06	LBD
Cyclohexane	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
Methyl Acetate	ND	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/16/21	12/16/21 12:06	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: Trip Blank | Sampled: 12/9/2021 07:40

Sample ID: 21L0879-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:06	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	77.7	70-130		12/16/21 12:06
Toluene-d8	95.4	70-130		12/16/21 12:06
4-Bromofluorobenzene	96.1	70-130		12/16/21 12:06

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: Trip Blank | Sampled: 12/9/2021 07:40

Sample ID: 21L0879-01

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/16/21	12/16/21 12:06	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-13 (30-34) | Sampled: 12/9/2021 08:00

Sample ID: 21L0879-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	15	50	2.4	µg/L	1	J, V-05	SW-846 8260D	12/16/21	12/16/21 16:00	LBD
Benzene	0.29	1.0	0.13	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 16:00	LBD
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
Bromomethane	ND	5.0	1.1	µg/L	1	V-34	SW-846 8260D	12/16/21	12/16/21 16:00	LBD
2-Butanone (MEK)	4.3	20	1.9	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 16:00	LBD
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
Chloromethane	ND	2.0	0.38	µg/L	1	V-05, V-34	SW-846 8260D	12/16/21	12/16/21 16:00	LBD
Cyclohexane	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
1,1-Dichloroethane	16	1.0	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
1,1-Dichloroethylene	1.0	1.0	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
cis-1,2-Dichloroethylene	11	1.0	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
1,4-Dioxane	95	50	22	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
Methyl Acetate	ND	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/16/21	12/16/21 16:00	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
Tetrachloroethylene	17	1.0	0.20	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
Toluene	0.37	1.0	0.11	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 16:00	LBD
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-13 (30-34) | Sampled: 12/9/2021 08:00

Sample ID: 21L0879-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	3.5	1.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
Trichloroethylene	3.8	1.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
Vinyl Chloride	1.2	2.0	0.20	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 16:00	LBD
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:00	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	80.0	70-130		12/16/21 16:00
Toluene-d8	96.2	70-130		12/16/21 16:00
4-Bromofluorobenzene	96.3	70-130		12/16/21 16:00

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-13 (30-34) | Sampled: 12/9/2021 08:00

Sample ID: 21L0879-02

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
Propene	4.6	µg/L	43968	1.107	1	000115-07-1	90	SW-846 8260D	12/16/21	12/16/21 16:00	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-15 (31-35) | Sampled: 12/9/2021 08:20

Sample ID: 21L0879-03

Sample Matrix: Ground Water

Sample Flags: PR-09

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	3.7	50	2.4	µg/L	1	V-05, J	SW-846 8260D	12/16/21	12/16/21 15:34	LBD
Benzene	0.13	1.0	0.13	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 15:34	LBD
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
Bromomethane	ND	5.0	1.1	µg/L	1	V-34	SW-846 8260D	12/16/21	12/16/21 15:34	LBD
2-Butanone (MEK)	1.9	20	1.9	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 15:34	LBD
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
Chloromethane	ND	2.0	0.38	µg/L	1	V-05, V-34	SW-846 8260D	12/16/21	12/16/21 15:34	LBD
Cyclohexane	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
1,1-Dichloroethane	5.3	1.0	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
cis-1,2-Dichloroethylene	0.18	1.0	0.15	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 15:34	LBD
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
Methyl Acetate	ND	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/16/21	12/16/21 15:34	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
Toluene	0.16	1.0	0.11	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 15:34	LBD
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-15 (31-35) | Sampled: 12/9/2021 08:20

Sample ID: 21L0879-03

Sample Matrix: Ground Water

Sample Flags: PR-09

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 15:34	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	79.2	70-130		12/16/21 15:34
Toluene-d8	94.9	70-130		12/16/21 15:34
4-Bromofluorobenzene	95.7	70-130		12/16/21 15:34

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-15 (31-35) | Sampled: 12/9/2021 08:20

Sample ID: 21L0879-03

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
Propene	8.2	µg/L	80669	1.107	1	000115-07-1	80	SW-846 8260D	12/16/21	12/16/21 15:34	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-03 (13-17) | Sampled: 12/9/2021 10:40

Sample ID: 21L0879-04

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	1000	47	µg/L	20	V-05	SW-846 8260D	12/16/21	12/16/21 16:52	LBD
Benzene	ND	20	2.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
Bromochloromethane	ND	20	7.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
Bromodichloromethane	ND	10	2.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
Bromoform	ND	20	5.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
Bromomethane	ND	100	21	µg/L	20	V-34	SW-846 8260D	12/16/21	12/16/21 16:52	LBD
2-Butanone (MEK)	86	400	38	µg/L	20	J	SW-846 8260D	12/16/21	12/16/21 16:52	LBD
Carbon Disulfide	ND	100	30	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
Carbon Tetrachloride	ND	100	3.4	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
Chlorobenzene	ND	20	1.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
Chlorodibromomethane	ND	10	3.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
Chloroethane	ND	40	7.4	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
Chloroform	ND	40	3.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
Chloromethane	ND	40	7.6	µg/L	20	V-05, V-34	SW-846 8260D	12/16/21	12/16/21 16:52	LBD
Cyclohexane	ND	100	31	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	100	14	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
1,2-Dibromoethane (EDB)	ND	10	3.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
1,2-Dichlorobenzene	ND	20	2.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
1,3-Dichlorobenzene	ND	20	1.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
1,4-Dichlorobenzene	ND	20	2.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
Dichlorodifluoromethane (Freon 12)	ND	40	4.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
1,1-Dichloroethane	410	20	3.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
1,2-Dichloroethane	ND	20	6.4	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
1,1-Dichloroethylene	11	20	3.2	µg/L	20	J	SW-846 8260D	12/16/21	12/16/21 16:52	LBD
cis-1,2-Dichloroethylene	1300	20	3.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
trans-1,2-Dichloroethylene	9.4	20	3.4	µg/L	20	J	SW-846 8260D	12/16/21	12/16/21 16:52	LBD
1,2-Dichloropropane	ND	20	3.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
cis-1,3-Dichloropropene	ND	10	2.4	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
trans-1,3-Dichloropropene	ND	10	3.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
1,4-Dioxane	710	1000	430	µg/L	20	J	SW-846 8260D	12/16/21	12/16/21 16:52	LBD
Ethylbenzene	ND	20	1.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
2-Hexanone (MBK)	ND	200	28	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
Isopropylbenzene (Cumene)	ND	20	2.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
Methyl Acetate	ND	20	7.8	µg/L	20	V-05	SW-846 8260D	12/16/21	12/16/21 16:52	LBD
Methyl tert-Butyl Ether (MTBE)	ND	20	3.4	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
Methyl Cyclohexane	ND	20	6.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
Methylene Chloride	17	100	6.0	µg/L	20	J	SW-846 8260D	12/16/21	12/16/21 16:52	LBD
4-Methyl-2-pentanone (MIBK)	ND	200	32	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
Styrene	ND	20	1.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
1,1,2,2-Tetrachloroethane	ND	10	1.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
Tetrachloroethylene	ND	20	4.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
Toluene	ND	20	2.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
1,2,3-Trichlorobenzene	ND	100	2.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
1,2,4-Trichlorobenzene	ND	20	3.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-03 (13-17) | Sampled: 12/9/2021 10:40

Sample ID: 21L0879-04

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	20	3.4	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
1,1,2-Trichloroethane	ND	20	3.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
Trichloroethylene	ND	20	3.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
Trichlorofluoromethane (Freon 11)	ND	40	3.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	20	4.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
Vinyl Chloride	170	40	4.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
m+p Xylene	ND	40	3.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD
o-Xylene	ND	20	1.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 16:52	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	80.9	70-130		12/16/21 16:52
Toluene-d8	95.2	70-130		12/16/21 16:52
4-Bromofluorobenzene	95.7	70-130		12/16/21 16:52

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-03 (13-17) | Sampled: 12/9/2021 10:40

Sample ID: 21L0879-04

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			20			SW-846 8260D	12/16/21	12/16/21 16:52	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-01 (21-25) | Sampled: 12/9/2021 13:00

Sample ID: 21L0879-05

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	1200	59	µg/L	25	V-05	SW-846 8260D	12/16/21	12/16/21 17:18	LBD
Benzene	ND	25	3.2	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
Bromochloromethane	ND	25	9.0	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
Bromodichloromethane	ND	12	3.5	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
Bromoform	ND	25	7.2	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
Bromomethane	ND	120	27	µg/L	25	V-34	SW-846 8260D	12/16/21	12/16/21 17:18	LBD
2-Butanone (MEK)	63	500	47	µg/L	25	J	SW-846 8260D	12/16/21	12/16/21 17:18	LBD
Carbon Disulfide	ND	120	38	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
Carbon Tetrachloride	ND	120	4.2	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
Chlorobenzene	ND	25	2.0	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
Chlorodibromomethane	ND	12	4.0	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
Chloroethane	ND	50	9.2	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
Chloroform	ND	50	4.8	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
Chloromethane	ND	50	9.5	µg/L	25	V-05, V-34	SW-846 8260D	12/16/21	12/16/21 17:18	LBD
Cyclohexane	ND	120	38	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	120	18	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
1,2-Dibromoethane (EDB)	ND	12	3.8	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
1,2-Dichlorobenzene	ND	25	2.5	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
1,3-Dichlorobenzene	ND	25	2.2	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
1,4-Dichlorobenzene	ND	25	2.8	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
Dichlorodifluoromethane (Freon 12)	ND	50	5.0	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
1,1-Dichloroethane	2100	25	4.0	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
1,2-Dichloroethane	ND	25	8.0	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
1,1-Dichloroethylene	4.5	25	4.0	µg/L	25	J	SW-846 8260D	12/16/21	12/16/21 17:18	LBD
cis-1,2-Dichloroethylene	5.5	25	3.8	µg/L	25	J	SW-846 8260D	12/16/21	12/16/21 17:18	LBD
trans-1,2-Dichloroethylene	ND	25	4.2	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
1,2-Dichloropropane	ND	25	4.5	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
cis-1,3-Dichloropropene	ND	12	3.0	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
trans-1,3-Dichloropropene	ND	12	3.8	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
1,4-Dioxane	1100	1200	540	µg/L	25	J	SW-846 8260D	12/16/21	12/16/21 17:18	LBD
Ethylbenzene	ND	25	2.2	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
2-Hexanone (MBK)	ND	250	35	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
Isopropylbenzene (Cumene)	ND	25	2.5	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
Methyl Acetate	ND	25	9.8	µg/L	25	V-05	SW-846 8260D	12/16/21	12/16/21 17:18	LBD
Methyl tert-Butyl Ether (MTBE)	ND	25	4.2	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
Methyl Cyclohexane	ND	25	8.2	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
Methylene Chloride	14	120	7.5	µg/L	25	J	SW-846 8260D	12/16/21	12/16/21 17:18	LBD
4-Methyl-2-pentanone (MIBK)	ND	250	40	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
Styrene	ND	25	2.0	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
1,1,2,2-Tetrachloroethane	ND	12	2.2	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
Tetrachloroethylene	ND	25	5.0	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
Toluene	ND	25	2.8	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
1,2,3-Trichlorobenzene	ND	120	3.5	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
1,2,4-Trichlorobenzene	ND	25	4.0	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-01 (21-25) | Sampled: 12/9/2021 13:00

Sample ID: 21L0879-05

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	6.0	25	4.2	µg/L	25	J	SW-846 8260D	12/16/21	12/16/21 17:18	LBD
1,1,2-Trichloroethane	ND	25	3.8	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
Trichloroethylene	ND	25	4.5	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
Trichlorofluoromethane (Freon 11)	ND	50	4.8	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	25	6.0	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
Vinyl Chloride	ND	50	5.0	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
m+p Xylene	ND	50	4.5	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD
o-Xylene	ND	25	2.2	µg/L	25		SW-846 8260D	12/16/21	12/16/21 17:18	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	79.6	70-130		12/16/21 17:18
Toluene-d8	95.8	70-130		12/16/21 17:18
4-Bromofluorobenzene	97.6	70-130		12/16/21 17:18

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-01 (21-25) | Sampled: 12/9/2021 13:00

Sample ID: 21L0879-05

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			25			SW-846 8260D	12/16/21	12/16/21 17:18	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-09 (8-12) | Sampled: 12/9/2021 14:00

Sample ID: 21L0879-06

Sample Matrix: Ground Water

Sample Flags: PR-06, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5000	240	µg/L	100	V-05	SW-846 8260D	12/16/21	12/16/21 17:44	LBD
Benzene	ND	100	13	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
Bromochloromethane	ND	100	36	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
Bromodichloromethane	ND	50	14	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
Bromoform	ND	100	29	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
Bromomethane	ND	500	110	µg/L	100	V-34	SW-846 8260D	12/16/21	12/16/21 17:44	LBD
2-Butanone (MEK)	290	2000	190	µg/L	100	J	SW-846 8260D	12/16/21	12/16/21 17:44	LBD
Carbon Disulfide	ND	500	150	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
Carbon Tetrachloride	ND	500	17	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
Chlorobenzene	ND	100	8.0	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
Chlorodibromomethane	ND	50	16	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
Chloroethane	150	200	37	µg/L	100	J	SW-846 8260D	12/16/21	12/16/21 17:44	LBD
Chloroform	ND	200	19	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
Chloromethane	ND	200	38	µg/L	100	V-05, V-34	SW-846 8260D	12/16/21	12/16/21 17:44	LBD
Cyclohexane	ND	500	150	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	500	72	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
1,2-Dibromoethane (EDB)	ND	50	15	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
1,2-Dichlorobenzene	ND	100	10	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
1,3-Dichlorobenzene	ND	100	9.0	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
1,4-Dichlorobenzene	ND	100	11	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
Dichlorodifluoromethane (Freon 12)	ND	200	20	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
1,1-Dichloroethane	4100	100	16	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
1,2-Dichloroethane	ND	100	32	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
1,1-Dichloroethylene	270	100	16	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
cis-1,2-Dichloroethylene	620	100	15	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
trans-1,2-Dichloroethylene	ND	100	17	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
1,2-Dichloropropane	ND	100	18	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
cis-1,3-Dichloropropene	ND	50	12	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
trans-1,3-Dichloropropene	ND	50	15	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
1,4-Dioxane	ND	5000	2200	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
Ethylbenzene	12	100	9.0	µg/L	100	J	SW-846 8260D	12/16/21	12/16/21 17:44	LBD
2-Hexanone (MBK)	ND	1000	140	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
Isopropylbenzene (Cumene)	ND	100	10	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
Methyl Acetate	ND	100	39	µg/L	100	V-05	SW-846 8260D	12/16/21	12/16/21 17:44	LBD
Methyl tert-Butyl Ether (MTBE)	ND	100	17	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
Methyl Cyclohexane	ND	100	33	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
Methylene Chloride	270	500	30	µg/L	100	J	SW-846 8260D	12/16/21	12/16/21 17:44	LBD
4-Methyl-2-pentanone (MIBK)	ND	1000	160	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
Styrene	ND	100	8.0	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
1,1,2,2-Tetrachloroethane	ND	50	9.0	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
Tetrachloroethylene	150	100	20	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
Toluene	16	100	11	µg/L	100	J	SW-846 8260D	12/16/21	12/16/21 17:44	LBD
1,2,3-Trichlorobenzene	ND	500	14	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
1,2,4-Trichlorobenzene	ND	100	16	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-09 (8-12) | Sampled: 12/9/2021 14:00

Sample ID: 21L0879-06

Sample Matrix: Ground Water

Sample Flags: PR-06, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	7700	100	17	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
1,1,2-Trichloroethane	ND	100	15	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
Trichloroethylene	ND	100	18	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
Trichlorofluoromethane (Freon 11)	ND	200	19	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	94	100	24	µg/L	100	J	SW-846 8260D	12/16/21	12/16/21 17:44	LBD
Vinyl Chloride	35	200	20	µg/L	100	J	SW-846 8260D	12/16/21	12/16/21 17:44	LBD
m+p Xylene	ND	200	18	µg/L	100		SW-846 8260D	12/16/21	12/16/21 17:44	LBD
o-Xylene	10	100	9.0	µg/L	100	J	SW-846 8260D	12/16/21	12/16/21 17:44	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	80.6	70-130		12/16/21	17:44
Toluene-d8	94.8	70-130		12/16/21	17:44
4-Bromofluorobenzene	95.4	70-130		12/16/21	17:44

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-09 (8-12) | Sampled: 12/9/2021 14:00

Sample ID: 21L0879-06

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			100			SW-846 8260D	12/16/21	12/16/21 17:44	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-09 (20-24) | Sampled: 12/9/2021 14:45

Sample ID: 21L0879-07

Sample Matrix: Ground Water

Sample Flags: PR-09, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	25000	1200	µg/L	500	V-05	SW-846 8260D	12/16/21	12/16/21 18:10	LBD
Benzene	ND	500	65	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
Bromochloromethane	ND	500	180	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
Bromodichloromethane	ND	250	70	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
Bromoform	ND	500	140	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
Bromomethane	ND	2500	540	µg/L	500	V-34	SW-846 8260D	12/16/21	12/16/21 18:10	LBD
2-Butanone (MEK)	ND	10000	940	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
Carbon Disulfide	ND	2500	760	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
Carbon Tetrachloride	ND	2500	85	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
Chlorobenzene	ND	500	40	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
Chlorodibromomethane	ND	250	80	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
Chloroethane	420	1000	180	µg/L	500	J	SW-846 8260D	12/16/21	12/16/21 18:10	LBD
Chloroform	ND	1000	95	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
Chloromethane	ND	1000	190	µg/L	500	V-05, V-34	SW-846 8260D	12/16/21	12/16/21 18:10	LBD
Cyclohexane	ND	2500	760	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	2500	360	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
1,2-Dibromoethane (EDB)	ND	250	75	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
1,2-Dichlorobenzene	ND	500	50	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
1,3-Dichlorobenzene	ND	500	45	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
1,4-Dichlorobenzene	ND	500	55	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
Dichlorodifluoromethane (Freon 12)	ND	1000	100	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
1,1-Dichloroethane	42000	500	80	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
1,2-Dichloroethane	ND	500	160	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
1,1-Dichloroethylene	2200	500	80	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
cis-1,2-Dichloroethylene	51000	500	75	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
trans-1,2-Dichloroethylene	ND	500	85	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
1,2-Dichloropropane	ND	500	90	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
cis-1,3-Dichloropropene	ND	250	60	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
trans-1,3-Dichloropropene	ND	250	75	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
1,4-Dioxane	ND	25000	11000	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
Ethylbenzene	ND	500	45	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
2-Hexanone (MBK)	ND	5000	700	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
Isopropylbenzene (Cumene)	ND	500	50	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
Methyl Acetate	ND	500	200	µg/L	500	V-05	SW-846 8260D	12/16/21	12/16/21 18:10	LBD
Methyl tert-Butyl Ether (MTBE)	ND	500	85	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
Methyl Cyclohexane	ND	500	160	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
Methylene Chloride	8800	2500	150	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
4-Methyl-2-pentanone (MIBK)	ND	5000	810	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
Styrene	ND	500	40	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
1,1,2,2-Tetrachloroethane	ND	250	45	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
Tetrachloroethylene	ND	500	100	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
Toluene	300	500	55	µg/L	500	J	SW-846 8260D	12/16/21	12/16/21 18:10	LBD
1,2,3-Trichlorobenzene	ND	2500	70	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
1,2,4-Trichlorobenzene	ND	500	80	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-09 (20-24) | Sampled: 12/9/2021 14:45

Sample ID: 21L0879-07

Sample Matrix: Ground Water

Sample Flags: PR-09, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	32000	500	85	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
1,1,2-Trichloroethane	ND	500	75	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
Trichloroethylene	520	500	90	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
Trichlorofluoromethane (Freon 11)	ND	1000	95	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	500	120	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
Vinyl Chloride	160	1000	100	µg/L	500	J	SW-846 8260D	12/16/21	12/16/21 18:10	LBD
m+p Xylene	ND	1000	90	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD
o-Xylene	ND	500	45	µg/L	500		SW-846 8260D	12/16/21	12/16/21 18:10	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	80.2	70-130		12/16/21 18:10
Toluene-d8	95.4	70-130		12/16/21 18:10
4-Bromofluorobenzene	96.5	70-130		12/16/21 18:10

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-09 (20-24) | Sampled: 12/9/2021 14:45

Sample ID: 21L0879-07

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			500			SW-846 8260D	12/16/21	12/16/21 18:10	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-09 (25-29) | Sampled: 12/9/2021 15:20

Sample ID: 21L0879-08

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50000	2400	µg/L	1000	V-05	SW-846 8260D	12/16/21	12/16/21 18:35	LBD
Benzene	ND	1000	130	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
Bromochloromethane	ND	1000	360	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
Bromodichloromethane	ND	500	140	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
Bromoform	ND	1000	290	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
Bromomethane	ND	5000	1100	µg/L	1000	V-34	SW-846 8260D	12/16/21	12/16/21 18:35	LBD
2-Butanone (MEK)	ND	20000	1900	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
Carbon Disulfide	ND	5000	1500	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
Carbon Tetrachloride	ND	5000	170	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
Chlorobenzene	ND	1000	80	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
Chlorodibromomethane	ND	500	160	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
Chloroethane	820	2000	370	µg/L	1000	J	SW-846 8260D	12/16/21	12/16/21 18:35	LBD
Chloroform	ND	2000	190	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
Chloromethane	ND	2000	380	µg/L	1000	V-05, V-34	SW-846 8260D	12/16/21	12/16/21 18:35	LBD
Cyclohexane	ND	5000	1500	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5000	720	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
1,2-Dibromoethane (EDB)	ND	500	150	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
1,2-Dichlorobenzene	ND	1000	100	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
1,3-Dichlorobenzene	ND	1000	90	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
1,4-Dichlorobenzene	ND	1000	110	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
Dichlorodifluoromethane (Freon 12)	ND	2000	200	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
1,1-Dichloroethane	20000	1000	160	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
1,2-Dichloroethane	ND	1000	320	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
1,1-Dichloroethylene	2400	1000	160	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
cis-1,2-Dichloroethylene	85000	1000	150	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
trans-1,2-Dichloroethylene	ND	1000	170	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
1,2-Dichloropropane	ND	1000	180	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
cis-1,3-Dichloropropene	ND	500	120	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
trans-1,3-Dichloropropene	ND	500	150	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
1,4-Dioxane	ND	50000	22000	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
Ethylbenzene	ND	1000	90	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
2-Hexanone (MBK)	ND	10000	1400	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
Isopropylbenzene (Cumene)	ND	1000	100	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
Methyl Acetate	ND	1000	390	µg/L	1000	V-05	SW-846 8260D	12/16/21	12/16/21 18:35	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1000	170	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
Methyl Cyclohexane	ND	1000	330	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
Methylene Chloride	3100	5000	300	µg/L	1000	J	SW-846 8260D	12/16/21	12/16/21 18:35	LBD
4-Methyl-2-pentanone (MIBK)	ND	10000	1600	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
Styrene	ND	1000	80	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
1,1,2,2-Tetrachloroethane	ND	500	90	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
Tetrachloroethylene	ND	1000	200	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
Toluene	260	1000	110	µg/L	1000	J	SW-846 8260D	12/16/21	12/16/21 18:35	LBD
1,2,3-Trichlorobenzene	ND	5000	140	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
1,2,4-Trichlorobenzene	ND	1000	160	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-09 (25-29) | Sampled: 12/9/2021 15:20

Sample ID: 21L0879-08

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	63000	1000	170	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
1,1,2-Trichloroethane	ND	1000	150	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
Trichloroethylene	58000	1000	180	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
Trichlorofluoromethane (Freon 11)	ND	2000	190	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1000	240	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
Vinyl Chloride	3800	2000	200	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
m+p Xylene	ND	2000	180	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD
o-Xylene	ND	1000	90	µg/L	1000		SW-846 8260D	12/16/21	12/16/21 18:35	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	80.3	70-130		12/16/21 18:35
Toluene-d8	94.8	70-130		12/16/21 18:35
4-Bromofluorobenzene	95.2	70-130		12/16/21 18:35

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-09 (25-29) | Sampled: 12/9/2021 15:20

Sample ID: 21L0879-08

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1000			SW-846 8260D	12/16/21	12/16/21 18:35	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-08 (26-30) | Sampled: 12/9/2021 08:00

Sample ID: 21L0879-09

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	130	1000	47	µg/L	20	V-05, J	SW-846 8260D	12/16/21	12/16/21 19:01	LBD
Benzene	ND	20	2.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
Bromochloromethane	ND	20	7.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
Bromodichloromethane	ND	10	2.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
Bromoform	ND	20	5.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
Bromomethane	ND	100	21	µg/L	20	V-34	SW-846 8260D	12/16/21	12/16/21 19:01	LBD
2-Butanone (MEK)	120	400	38	µg/L	20	J	SW-846 8260D	12/16/21	12/16/21 19:01	LBD
Carbon Disulfide	ND	100	30	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
Carbon Tetrachloride	ND	100	3.4	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
Chlorobenzene	ND	20	1.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
Chlorodibromomethane	ND	10	3.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
Chloroethane	10	40	7.4	µg/L	20	J	SW-846 8260D	12/16/21	12/16/21 19:01	LBD
Chloroform	ND	40	3.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
Chloromethane	ND	40	7.6	µg/L	20	V-05, V-34	SW-846 8260D	12/16/21	12/16/21 19:01	LBD
Cyclohexane	ND	100	31	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	100	14	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
1,2-Dibromoethane (EDB)	ND	10	3.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
1,2-Dichlorobenzene	ND	20	2.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
1,3-Dichlorobenzene	ND	20	1.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
1,4-Dichlorobenzene	ND	20	2.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
Dichlorodifluoromethane (Freon 12)	ND	40	4.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
1,1-Dichloroethane	420	20	3.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
1,2-Dichloroethane	ND	20	6.4	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
1,1-Dichloroethylene	13	20	3.2	µg/L	20	J	SW-846 8260D	12/16/21	12/16/21 19:01	LBD
cis-1,2-Dichloroethylene	770	20	3.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
trans-1,2-Dichloroethylene	12	20	3.4	µg/L	20	J	SW-846 8260D	12/16/21	12/16/21 19:01	LBD
1,2-Dichloropropane	ND	20	3.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
cis-1,3-Dichloropropene	ND	10	2.4	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
trans-1,3-Dichloropropene	ND	10	3.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
1,4-Dioxane	ND	1000	430	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
Ethylbenzene	ND	20	1.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
2-Hexanone (MBK)	ND	200	28	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
Isopropylbenzene (Cumene)	ND	20	2.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
Methyl Acetate	ND	20	7.8	µg/L	20	V-05	SW-846 8260D	12/16/21	12/16/21 19:01	LBD
Methyl tert-Butyl Ether (MTBE)	ND	20	3.4	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
Methyl Cyclohexane	ND	20	6.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
Methylene Chloride	120	100	6.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
4-Methyl-2-pentanone (MIBK)	ND	200	32	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
Styrene	ND	20	1.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
1,1,2,2-Tetrachloroethane	ND	10	1.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
Tetrachloroethylene	ND	20	4.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
Toluene	8.4	20	2.2	µg/L	20	J	SW-846 8260D	12/16/21	12/16/21 19:01	LBD
1,2,3-Trichlorobenzene	ND	100	2.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
1,2,4-Trichlorobenzene	ND	20	3.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-08 (26-30) | Sampled: 12/9/2021 08:00

Sample ID: 21L0879-09

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	670	20	3.4	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
1,1,2-Trichloroethane	ND	20	3.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
Trichloroethylene	310	20	3.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
Trichlorofluoromethane (Freon 11)	ND	40	3.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	20	4.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
Vinyl Chloride	19	40	4.0	µg/L	20	J	SW-846 8260D	12/16/21	12/16/21 19:01	LBD
m+p Xylene	ND	40	3.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD
o-Xylene	ND	20	1.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 19:01	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	80.0	70-130		12/16/21 19:01
Toluene-d8	96.6	70-130		12/16/21 19:01
4-Bromofluorobenzene	96.3	70-130		12/16/21 19:01

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-08 (26-30) | Sampled: 12/9/2021 08:00

Sample ID: 21L0879-09

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			20			SW-846 8260D	12/16/21	12/16/21 19:01	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-11 (5-9) | Sampled: 12/10/2021 09:00

Sample ID: 21L0879-10

Sample Matrix: Ground Water

Sample Flags: PR-09

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	6.9	50	2.4	µg/L	1	V-05, J	SW-846 8260D	12/16/21	12/16/21 16:26	LBD
Benzene	0.15	1.0	0.13	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 16:26	LBD
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
Bromomethane	ND	5.0	1.1	µg/L	1	V-34	SW-846 8260D	12/16/21	12/16/21 16:26	LBD
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
Chloroethane	1.8	2.0	0.37	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 16:26	LBD
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
Chloromethane	ND	2.0	0.38	µg/L	1	V-05, V-34	SW-846 8260D	12/16/21	12/16/21 16:26	LBD
Cyclohexane	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
1,1-Dichloroethane	86	1.0	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
1,1-Dichloroethylene	3.4	1.0	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
cis-1,2-Dichloroethylene	15	1.0	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
trans-1,2-Dichloroethylene	0.17	1.0	0.17	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 16:26	LBD
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
1,4-Dioxane	23	50	22	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 16:26	LBD
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
Methyl Acetate	ND	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/16/21	12/16/21 16:26	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
Methylene Chloride	0.47	5.0	0.30	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 16:26	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
Tetrachloroethylene	3.2	1.0	0.20	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
Toluene	0.38	1.0	0.11	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 16:26	LBD
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-11 (5-9) | Sampled: 12/10/2021 09:00

Sample ID: 21L0879-10

Sample Matrix: Ground Water

Sample Flags: PR-09

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	59	1.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
1,1,2-Trichloroethane	0.16	1.0	0.15	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 16:26	LBD
Trichloroethylene	41	1.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.4	1.0	0.24	µg/L	1		SW-846 8260D	12/16/21	12/16/21 16:26	LBD
Vinyl Chloride	0.55	2.0	0.20	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 16:26	LBD
m+p Xylene	0.31	2.0	0.18	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 16:26	LBD
o-Xylene	0.11	1.0	0.090	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 16:26	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	79.7	70-130		12/16/21 16:26
Toluene-d8	94.7	70-130		12/16/21 16:26
4-Bromofluorobenzene	95.5	70-130		12/16/21 16:26

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-11 (5-9) | Sampled: 12/10/2021 09:00

Sample ID: 21L0879-10

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/16/21	12/16/21 16:26	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-11 (11-15) | Sampled: 12/10/2021 09:30

Sample ID: 21L0879-11

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	2000	94	µg/L	40	V-05	SW-846 8260D	12/16/21	12/16/21 19:27	LBD
Benzene	ND	40	5.2	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
Bromochloromethane	ND	40	14	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
Bromodichloromethane	ND	20	5.6	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
Bromoform	ND	40	12	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
Bromomethane	ND	200	43	µg/L	40	V-34	SW-846 8260D	12/16/21	12/16/21 19:27	LBD
2-Butanone (MEK)	130	800	75	µg/L	40	J	SW-846 8260D	12/16/21	12/16/21 19:27	LBD
Carbon Disulfide	ND	200	61	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
Carbon Tetrachloride	ND	200	6.8	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
Chlorobenzene	ND	40	3.2	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
Chlorodibromomethane	ND	20	6.4	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
Chloroethane	ND	80	15	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
Chloroform	ND	80	7.6	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
Chloromethane	ND	80	15	µg/L	40	V-05, V-34	SW-846 8260D	12/16/21	12/16/21 19:27	LBD
Cyclohexane	ND	200	61	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	200	29	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
1,2-Dibromoethane (EDB)	ND	20	6.0	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
1,2-Dichlorobenzene	ND	40	4.0	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
1,3-Dichlorobenzene	ND	40	3.6	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
1,4-Dichlorobenzene	ND	40	4.4	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
Dichlorodifluoromethane (Freon 12)	ND	80	8.0	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
1,1-Dichloroethane	460	40	6.4	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
1,2-Dichloroethane	ND	40	13	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
1,1-Dichloroethylene	75	40	6.4	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
cis-1,2-Dichloroethylene	450	40	6.0	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
trans-1,2-Dichloroethylene	ND	40	6.8	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
1,2-Dichloropropane	ND	40	7.2	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
cis-1,3-Dichloropropene	ND	20	4.8	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
trans-1,3-Dichloropropene	ND	20	6.0	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
1,4-Dioxane	ND	2000	860	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
Ethylbenzene	ND	40	3.6	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
2-Hexanone (MBK)	ND	400	56	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
Isopropylbenzene (Cumene)	ND	40	4.0	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
Methyl Acetate	ND	40	16	µg/L	40	V-05	SW-846 8260D	12/16/21	12/16/21 19:27	LBD
Methyl tert-Butyl Ether (MTBE)	ND	40	6.8	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
Methyl Cyclohexane	ND	40	13	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
Methylene Chloride	25	200	12	µg/L	40	J	SW-846 8260D	12/16/21	12/16/21 19:27	LBD
4-Methyl-2-pentanone (MIBK)	ND	400	65	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
Styrene	ND	40	3.2	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
1,1,2,2-Tetrachloroethane	ND	20	3.6	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
Tetrachloroethylene	15	40	8.0	µg/L	40	J	SW-846 8260D	12/16/21	12/16/21 19:27	LBD
Toluene	ND	40	4.4	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
1,2,3-Trichlorobenzene	ND	200	5.6	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
1,2,4-Trichlorobenzene	ND	40	6.4	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-11 (11-15) | Sampled: 12/10/2021 09:30

Sample ID: 21L0879-11

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	350	40	6.8	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
1,1,2-Trichloroethane	ND	40	6.0	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
Trichloroethylene	2100	40	7.2	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
Trichlorofluoromethane (Freon 11)	ND	80	7.6	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	810	40	9.6	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
Vinyl Chloride	30	80	8.0	µg/L	40	J	SW-846 8260D	12/16/21	12/16/21 19:27	LBD
m+p Xylene	ND	80	7.2	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD
o-Xylene	ND	40	3.6	µg/L	40		SW-846 8260D	12/16/21	12/16/21 19:27	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	80.2	70-130		12/16/21 19:27
Toluene-d8	95.2	70-130		12/16/21 19:27
4-Bromofluorobenzene	97.4	70-130		12/16/21 19:27

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-11 (11-15) | Sampled: 12/10/2021 09:30

Sample ID: 21L0879-11

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			40			SW-846 8260D	12/16/21	12/16/21 19:27	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-11 (22-26) | Sampled: 12/10/2021 10:20

Sample ID: 21L0879-12

Sample Matrix: Ground Water

Sample Flags: PR-09, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5000	240	µg/L	100	V-05	SW-846 8260D	12/16/21	12/16/21 19:53	LBD
Benzene	ND	100	13	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
Bromochloromethane	ND	100	36	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
Bromodichloromethane	ND	50	14	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
Bromoform	ND	100	29	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
Bromomethane	ND	500	110	µg/L	100	V-34	SW-846 8260D	12/16/21	12/16/21 19:53	LBD
2-Butanone (MEK)	ND	2000	190	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
Carbon Disulfide	ND	500	150	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
Carbon Tetrachloride	ND	500	17	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
Chlorobenzene	ND	100	8.0	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
Chlorodibromomethane	ND	50	16	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
Chloroethane	ND	200	37	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
Chloroform	ND	200	19	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
Chloromethane	ND	200	38	µg/L	100	V-05, V-34	SW-846 8260D	12/16/21	12/16/21 19:53	LBD
Cyclohexane	ND	500	150	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	500	72	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
1,2-Dibromoethane (EDB)	ND	50	15	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
1,2-Dichlorobenzene	ND	100	10	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
1,3-Dichlorobenzene	ND	100	9.0	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
1,4-Dichlorobenzene	ND	100	11	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
Dichlorodifluoromethane (Freon 12)	ND	200	20	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
1,1-Dichloroethane	11000	100	16	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
1,2-Dichloroethane	ND	100	32	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
1,1-Dichloroethylene	260	100	16	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
cis-1,2-Dichloroethylene	6500	100	15	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
trans-1,2-Dichloroethylene	ND	100	17	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
1,2-Dichloropropane	ND	100	18	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
cis-1,3-Dichloropropene	ND	50	12	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
trans-1,3-Dichloropropene	ND	50	15	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
1,4-Dioxane	5700	5000	2200	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
Ethylbenzene	ND	100	9.0	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
2-Hexanone (MBK)	ND	1000	140	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
Isopropylbenzene (Cumene)	ND	100	10	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
Methyl Acetate	ND	100	39	µg/L	100	V-05	SW-846 8260D	12/16/21	12/16/21 19:53	LBD
Methyl tert-Butyl Ether (MTBE)	ND	100	17	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
Methyl Cyclohexane	ND	100	33	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
Methylene Chloride	53	500	30	µg/L	100	J	SW-846 8260D	12/16/21	12/16/21 19:53	LBD
4-Methyl-2-pentanone (MIBK)	ND	1000	160	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
Styrene	ND	100	8.0	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
1,1,2,2-Tetrachloroethane	ND	50	9.0	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
Tetrachloroethylene	ND	100	20	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
Toluene	ND	100	11	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
1,2,3-Trichlorobenzene	ND	500	14	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
1,2,4-Trichlorobenzene	ND	100	16	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-11 (22-26) | Sampled: 12/10/2021 10:20

Sample ID: 21L0879-12

Sample Matrix: Ground Water

Sample Flags: PR-09, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	47	100	17	µg/L	100	J	SW-846 8260D	12/16/21	12/16/21 19:53	LBD
1,1,2-Trichloroethane	ND	100	15	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
Trichloroethylene	1500	100	18	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
Trichlorofluoromethane (Freon 11)	ND	200	19	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	100	24	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
Vinyl Chloride	84	200	20	µg/L	100	J	SW-846 8260D	12/16/21	12/16/21 19:53	LBD
m+p Xylene	ND	200	18	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD
o-Xylene	ND	100	9.0	µg/L	100		SW-846 8260D	12/16/21	12/16/21 19:53	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	81.4	70-130		12/16/21 19:53
Toluene-d8	96.0	70-130		12/16/21 19:53
4-Bromofluorobenzene	96.8	70-130		12/16/21 19:53

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-11 (22-26) | Sampled: 12/10/2021 10:20

Sample ID: 21L0879-12

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			100			SW-846 8260D	12/16/21	12/16/21 19:53	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-04 (9-13) | Sampled: 12/10/2021 11:30

Sample ID: 21L0879-13

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	28	200	9.4	µg/L	4	V-05, J	SW-846 8260D	12/16/21	12/16/21 20:19	LBD
Benzene	ND	4.0	0.52	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
Bromochloromethane	ND	4.0	1.4	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
Bromodichloromethane	ND	2.0	0.56	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
Bromoform	ND	4.0	1.2	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
Bromomethane	ND	20	4.3	µg/L	4	V-34	SW-846 8260D	12/16/21	12/16/21 20:19	LBD
2-Butanone (MEK)	42	80	7.5	µg/L	4	J	SW-846 8260D	12/16/21	12/16/21 20:19	LBD
Carbon Disulfide	ND	20	6.1	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
Carbon Tetrachloride	ND	20	0.68	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
Chlorobenzene	ND	4.0	0.32	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
Chlorodibromomethane	ND	2.0	0.64	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
Chloroethane	ND	8.0	1.5	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
Chloroform	ND	8.0	0.76	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
Chloromethane	ND	8.0	1.5	µg/L	4	V-05, V-34	SW-846 8260D	12/16/21	12/16/21 20:19	LBD
Cyclohexane	ND	20	6.1	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	20	2.9	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
1,2-Dibromoethane (EDB)	ND	2.0	0.60	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
1,2-Dichlorobenzene	ND	4.0	0.40	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
1,3-Dichlorobenzene	ND	4.0	0.36	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
1,4-Dichlorobenzene	ND	4.0	0.44	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
Dichlorodifluoromethane (Freon 12)	ND	8.0	0.80	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
1,1-Dichloroethane	160	4.0	0.64	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
1,2-Dichloroethane	ND	4.0	1.3	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
1,1-Dichloroethylene	1.9	4.0	0.64	µg/L	4	J	SW-846 8260D	12/16/21	12/16/21 20:19	LBD
cis-1,2-Dichloroethylene	110	4.0	0.60	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
trans-1,2-Dichloroethylene	1.2	4.0	0.68	µg/L	4	J	SW-846 8260D	12/16/21	12/16/21 20:19	LBD
1,2-Dichloropropane	ND	4.0	0.72	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
cis-1,3-Dichloropropene	ND	2.0	0.48	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
trans-1,3-Dichloropropene	ND	2.0	0.60	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
1,4-Dioxane	260	200	86	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
Ethylbenzene	ND	4.0	0.36	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
2-Hexanone (MBK)	ND	40	5.6	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
Isopropylbenzene (Cumene)	ND	4.0	0.40	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
Methyl Acetate	ND	4.0	1.6	µg/L	4	V-05	SW-846 8260D	12/16/21	12/16/21 20:19	LBD
Methyl tert-Butyl Ether (MTBE)	ND	4.0	0.68	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
Methyl Cyclohexane	ND	4.0	1.3	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
Methylene Chloride	10	20	1.2	µg/L	4	J	SW-846 8260D	12/16/21	12/16/21 20:19	LBD
4-Methyl-2-pentanone (MIBK)	ND	40	6.5	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
Styrene	ND	4.0	0.32	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
1,1,2,2-Tetrachloroethane	ND	2.0	0.36	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
Tetrachloroethylene	ND	4.0	0.80	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
Toluene	0.68	4.0	0.44	µg/L	4	J	SW-846 8260D	12/16/21	12/16/21 20:19	LBD
1,2,3-Trichlorobenzene	ND	20	0.56	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
1,2,4-Trichlorobenzene	ND	4.0	0.64	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-04 (9-13) | Sampled: 12/10/2021 11:30

Sample ID: 21L0879-13

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	1.4	4.0	0.68	µg/L	4	J	SW-846 8260D	12/16/21	12/16/21 20:19	LBD
1,1,2-Trichloroethane	ND	4.0	0.60	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
Trichloroethylene	47	4.0	0.72	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
Trichlorofluoromethane (Freon 11)	ND	8.0	0.76	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	4.0	0.96	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
Vinyl Chloride	ND	8.0	0.80	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
m+p Xylene	ND	8.0	0.72	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD
o-Xylene	ND	4.0	0.36	µg/L	4		SW-846 8260D	12/16/21	12/16/21 20:19	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	81.2	70-130		12/16/21 20:19
Toluene-d8	96.2	70-130		12/16/21 20:19
4-Bromofluorobenzene	97.1	70-130		12/16/21 20:19

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0879

Date Received: 12/11/2021

Field Sample #: SOH-DGW-04 (9-13) | Sampled: 12/10/2021 11:30

Sample ID: 21L0879-13

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			4			SW-846 8260D	12/16/21	12/16/21 20:19	LBD

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0879
Client:	NYDEC_TRC Environmental Corporation- Clifton Par	Project:	Stuart Olver Holtz- CO SMPB0001
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B297030	Laboratory ID:	B297030-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Acetone	100	78.7	78.7		70 - 160
Acrylonitrile	10.0	10.2	102		70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.2	102		70 - 130
Benzene	10.0	9.89	98.9		70 - 130
Bromobenzene	10.0	10.6	106		70 - 130
Bromochloromethane	10.0	11.9	119		70 - 130
Bromodichloromethane	10.0	9.62	96.2		70 - 130
Bromoform	10.0	9.76	97.6		70 - 130
Bromomethane	10.0	17.2	172	*	40 - 160
2-Butanone (MEK)	100	82.8	82.8		40 - 160
tert-Butyl Alcohol (TBA)	100	82.1	82.1		40 - 160
n-Butylbenzene	10.0	9.90	99.0		70 - 130
sec-Butylbenzene	10.0	10.4	104		70 - 130
tert-Butylbenzene	10.0	11.0	110		70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	9.40	94.0		70 - 130
Carbon Disulfide	100	89.3	89.3		70 - 130
Carbon Tetrachloride	10.0	9.47	94.7		70 - 130
Chlorobenzene	10.0	11.4	114		70 - 130
Chlorodibromomethane	10.0	10.3	103		70 - 130
Chloroethane	10.0	10.3	103		70 - 130
Chloroform	10.0	9.31	93.1		70 - 130
Chloromethane	10.0	4.37	43.7		40 - 160
2-Chlorotoluene	10.0	10.7	107		70 - 130
4-Chlorotoluene	10.0	10.8	108		70 - 130
Cyclohexane	10.0	10.2	102		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	8.75	87.5		70 - 130
1,2-Dibromoethane (EDB)	10.0	10.3	103		70 - 130
Dibromomethane	10.0	10.6	106		70 - 130
1,2-Dichlorobenzene	10.0	10.7	107		70 - 130
1,3-Dichlorobenzene	10.0	10.7	107		70 - 130
1,4-Dichlorobenzene	10.0	10.8	108		70 - 130
trans-1,4-Dichloro-2-butene	10.0	9.97	99.7		70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	9.59	95.9		40 - 160
1,1-Dichloroethane	10.0	9.86	98.6		70 - 130
1,2-Dichloroethane	10.0	9.61	96.1		70 - 130
1,1-Dichloroethylene	10.0	10.2	102		70 - 130
cis-1,2-Dichloroethylene	10.0	9.88	98.8		70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0879
Client:	NYDEC_TRC Environmental Corporation- Clifton Par	Project:	Stuart Olver Holtz- CO SMPB0001
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B297030	Laboratory ID:	B297030-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.6	116	70 - 130
1,2,4-Trimethylbenzene	10.0	10.6	106	70 - 130
1,3,5-Trimethylbenzene	10.0	11.0	110	70 - 130
Vinyl Chloride	10.0	10.1	101	40 - 160
m+p Xylene	20.0	22.5	112	70 - 130
o-Xylene	10.0	11.0	110	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	80.7	80.7		2.57	25	70 - 160
Acrylonitrile	10.0	9.77	97.7		3.91	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.2	102		0.196	25	70 - 130
Benzene	10.0	10.0	100		1.31	25	70 - 130
Bromobenzene	10.0	10.6	106		0.377	25	70 - 130
Bromochloromethane	10.0	11.7	117		1.77	25	70 - 130
Bromodichloromethane	10.0	9.95	99.5		3.37	25	70 - 130
Bromoform	10.0	10.2	102		4.02	25	70 - 130
Bromomethane	10.0	18.0	180	*	4.50	25	40 - 160
2-Butanone (MEK)	100	81.3	81.3		1.89	25	40 - 160
tert-Butyl Alcohol (TBA)	100	80.1	80.1		2.43	25	40 - 160
n-Butylbenzene	10.0	9.71	97.1		1.94	25	70 - 130
sec-Butylbenzene	10.0	10.2	102		1.55	25	70 - 130
tert-Butylbenzene	10.0	10.8	108		1.01	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	9.61	96.1		2.21	25	70 - 130
Carbon Disulfide	100	89.2	89.2		0.179	25	70 - 130
Carbon Tetrachloride	10.0	9.61	96.1		1.47	25	70 - 130
Chlorobenzene	10.0	11.4	114		0.614	25	70 - 130
Chlorodibromomethane	10.0	10.5	105		2.12	25	70 - 130
Chloroethane	10.0	10.8	108		4.75	25	70 - 130
Chloroform	10.0	9.39	93.9		0.856	25	70 - 130
Chloromethane	10.0	4.56	45.6		4.26	25	40 - 160
2-Chlorotoluene	10.0	10.7	107		0.187	25	70 - 130
4-Chlorotoluene	10.0	10.8	108		0.0930	25	70 - 130
Cyclohexane	10.0	10.3	103		0.487	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	8.94	89.4		2.15	25	70 - 130

Quantitation Report (QT Reviewed)

460

Data Path : \\Voa2\MSDChem\1\DATA\B060920\
Data File : B2016126.D
Acq On : 9 Jun 2020 4:18 pm
Operator :
Sample : ICV Inst : GCMSVOA2
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 10 08:28:45 2020
Quant Method : Y:\1\METHODS\B060920W.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 10 07:24:56 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.287	168	94974	30.00	UG/L		0.00
44) 1,4-DIFLOUROBENZENE - ...	5.009	114	150310	30.00	UG/L		0.00
65) CHLOROBENZENE-D5 ISTD	7.839	82	82662	30.00	UG/L		0.00
84) 1,4-DICHLOROBENZENE-D4...	10.136	152	85779	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.568	65	59090	24.14	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.56%				
45) TOLUENE-D8 SS	6.435	98	156551	24.92	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.68%				
66) 4-BROMOFLUROBENZENE SS	8.999	95	64830	25.27	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.08%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.129	85	19858	10.16	UG/L		98
4) DIFLUOROCHLOROMETHANE	1.138	51	28205	10.46	UG/L		99
5) CHLOROMETHANE	1.243	50	27011	4.55	UG/L		99
6) VINYL CHLORIDE	1.308	62	19788	8.92	UG/L		99
7) BROMOMETHANE	1.502	94	1972	6.26	UG/L		92
8) CHLOROETHANE	1.570	64	11260	9.26	UG/L		97
9) FLUORODICHLOROMETHANE	1.698	67	30078	9.88	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.732	101	24186	9.62	UG/L		95
11) ETHANOL	1.880	45	3176	103.19	UG/L	#	76
12) DI ETHYL ETHER	1.928	59	13625	10.63	UG/L		98
13) ACROLEIN	2.033	56	37570	82.73	UG/L	#	98
14) ACETONE	2.150	43	67486	100.20	UG/L		98
15) 1,1-DICHLOROETHENE	2.093	61	27104	10.70	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	2.087	101	13557	11.11	UG/L		94
17) IODOMETHANE	2.215	142	5332	10.05	UG/L		96
18) METHYL ACETATE	2.403	43	20287	9.51	UG/L		100
19) T-BUTYL ALCOHOL	2.604	59	22843	96.58	UG/L		99
20) ACRYLONITRILE	2.724	53	7937	10.69	UG/L		97
21) METHYLENE CHLORIDE	2.488	49	27544	9.96	UG/L		99
22) CARBON DISULFIDE	2.263	76	38971	9.69	UG/L		99
23) METHYL TERT-BUTYL ETHE...	2.727	73	42154	10.80	UG/L		99
24) TRANS 1,2-DICHLOROETHENE	2.721	61	25087	10.44	UG/L		97
25) 1,1-DICHLOROETHANE	3.150	63	31291	10.56	UG/L		98
26) VINYL ACETATE	3.213	43	476129	96.02	UG/L		100
27) DI ISOPROPYL ETHER	3.215	45	64601	9.97	UG/L		99
28) 2-BUTANONE	3.778	43	98628	93.92	UG/L		100
29) T-BUTYL ETHYL ETHER	3.588	59	52748	9.64	UG/L		99
30) CIS-1,2-DICHLOROETHENE	3.744	61	30804	10.80	UG/L		97
31) 2,2-DICHLOROPROPANE	3.733	77	24201	10.50	UG/L		100
32) ETHYL ACETATE	3.838	43	26568m	11.53	UG/L		
33) BROMOCHLOROMETHANE	3.988	128	7355	11.85	UG/L		98
34) TETRAHYDROFURAN	4.037	42	6996m	10.59	UG/L		
35) T-BUTYL FORMATE	4.128	59	15704	9.30	UG/L		97
36) CHLOROFORM	4.077	83	27502	10.29	UG/L		98
37) 1,1,1-TRICHLOROETHANE	4.236	97	24985	10.42	UG/L		98
38) CYCLOHEXANE	4.278	56	39577	10.94	UG/L		99
39) CARBON TETRACHLORIDE	4.392	117	22142	10.25	UG/L		99
40) 1,1-DICHLOROPROPENE	4.406	75	19772	9.52	UG/L		99
41) BENZENE	4.611	78	58021	10.08	UG/L		99
42) T-AMYL ALCOHOL	4.665	59	17568	100.51	UG/L		99
43) T-AMYLMETHYL ETHER	4.727	73	41079	10.31	UG/L		95
46) 1,2-DICHLOROETHANE	4.648	62	26500	10.99	UG/L		99
47) TRICHLOROETHENE	5.247	95	15898	10.89	UG/L		100

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0879
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA2	Calibration:	2000186
Lab File ID:	B21V35002.D	Calibration Date:	06/09/20 08:37
Sequence:	S066505	Injection Date:	12/16/21
Lab Sample ID:	S066505-CCV1	Injection Time:	09:56

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	78.2	0.212736	0.1663697		-21.8	20	*
Acrylonitrile	A	10.0	9.68	0.2344508	0.2270258		-3.2	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	10.3	1.258459	1.298195		3.2	20	
Benzene	A	10.0	9.93	1.817602	1.804722		-0.7	20	
Bromobenzene	A	10.0	10.7	0.9779525	1.044127		6.8	20	
Bromochloromethane	A	10.0	11.9	0.1959787	0.2328707		18.8	20	
Bromodichloromethane	A	10.0	9.70	0.3852316	0.3737639		-3.0	20	
Bromoform	A	10.0	9.49	0.3779343	0.3586781		-5.1	20	
Bromomethane	A	10.0	16.3	0.1593963	0.2632026		63.3	20	*
2-Butanone (MEK)	A	100	80.8	0.331706	0.2681283		-19.2	20	
tert-Butyl Alcohol (TBA)	A	100	79.0	7.471108E-02	5.905966E-02		-20.9	20	*
n-Butylbenzene	A	10.0	9.75	2.3317	2.274475		-2.5	20	
sec-Butylbenzene	A	10.0	10.2	2.877135	2.93157		1.9	20	
tert-Butylbenzene	A	10.0	10.7	1.923578	2.062513		7.2	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	9.60	1.728532	1.6595		-4.0	20	
Carbon Disulfide	A	100	87.5	1.270917	1.112424		-12.5	20	
Carbon Tetrachloride	A	10.0	9.16	0.6823544	0.6252028		-8.4	20	
Chlorobenzene	A	10.0	11.2	1.528388	1.713765		12.1	20	
Chlorodibromomethane	A	10.0	10.4	0.2959761	0.3072318		3.8	20	
Chloroethane	A	10.0	9.92	0.383947	0.3809769		-0.8	20	
Chloroform	A	10.0	9.46	0.8443192	0.7986971		-5.4	20	
Chloromethane	A	10.0	4.24	1.874805	0.7952468		-57.6	20	*
2-Chlorotoluene	A	10.0	10.7	1.924599	2.056442		6.9	20	
4-Chlorotoluene	A	10.0	10.8	2.239113	2.408308		7.6	20	
Cyclohexane	A	10.0	9.93	1.143235	1.135644		-0.7	20	
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	8.22	0.1356244	0.1114897		-17.8	20	
1,2-Dibromoethane (EDB)	A	10.0	10.4	0.2715879	0.2820552		3.9	20	
Dibromomethane	A	10.0	10.6	0.1743876	0.185217		6.2	20	
1,2-Dichlorobenzene	A	10.0	10.7	1.208544	1.296439		7.3	20	

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Stuart Olver Holtz #48022480
Con-Test Analytical Laboratory SDG#21L1093
February 9, 2022
Reissued; February 15, 2022
Sampling date: 12/13, 14/2021

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package(reissue; February 15, 2022) for TRC, project located at Stuart Olver Holtz #48022480, Con-Test Analytical Laboratory SDG#21L1093-1 submitted to Vali-Data of WNY, LLC on January 28, 2022. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analysis using USEPA method Volatile Organics (8260D).

ID	Sample ID	Laboratory ID
1	Trip Blank	21L1093-01
2	SOH-DGW-04(26-30)	21L1093-02
3	SOH-DGW-04(15-19)	21L1093-03
4	SOH-DGW-23(15-19)	21L1093-04
5	SOH-DGW-DUP-3	21L1093-05
6	SOH-DGW-23(8-12)	21L1093-06
7	SOH-DGW-23(25-29	21L1093-07
8	SOH-DGW-EB-3	21L1093-08
9	SOH-DGW-24(15-19)	21L1093-09
10	SOH-DGW-24(25-29)	21L1093-10
11	SOH-DGW-24(6-10)	21L1093-11
12	SOH-DGW-16(32-33)	21L1093-12
13	SOH-DGW-12(21-25)	21L1093-13
14	SOH-DGW-12(31-35)	21L1093-14
15	SOH-DGW-06(7-11)	21L1093-15
16	SOH-DGW-06(11-15)	21L1093-16

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports
-Holding Times
-Internal Standard (IS) Area Performance
-Surrogate Spike Recoveries
-Method Blank
-Field Duplicate Sample Precision
-Laboratory Control Samples
-MS/MSD
-Compound Quantitation
-Initial Calibration

-Continuing Calibration
-GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in Laboratory Control Samples, MS/MSD, Initial Calibration and Continuing Calibration.

Samples: 2-4, 6, 9-12, 14 were diluted due to high target analyte concentrations.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.
Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met except the pH of several samples was outside QC limits. Those samples were analyzed within the 7-day window, so no further action is required.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All criteria were met except Acetone and Methylcyclohexane were detected in SOH-DGW-23(25-29) but were not detected in SOH-DGW-DUP-3.

LABORATORY CONTROL SAMPLES
All criteria were met except the one target analyte was outside QC limits and should be qualified as estimated.

LCS ID	Target Analyte	%Rec	Qualifier	Associated Sample
B297031-BS1/BSD1	Chloroethane	138, 143	JH	2, 6, 9, 11, 14

Some target analytes were outside QC limits in the laboratory control sample or the laboratory control sample duplicate but not both, so no further action is required.

MS/MSD

All criteria were met except several target analyte were outside QC limits in the MS/MSD and should be qualified as estimated.

Target Analyte	%Rec 4MS	%Rec 4MSD	Qualifier	Associated Sample
Bromomethane	137	132	JH	None
Chloroethane	134	137	JH	4
Chloromethane	150	138	JH	None
trans-1,4-Dichloro-2-butene	63.5	60	UJ	4
1,1-Dichlorethane	-80.6	-126	J	4
cis-1,2-Dichloroethene	-288	-355	J	4
2,2-Dichloropropane	59.4	55.5	UJ	4
Naphthalene	62.9	52.2	UJ	4

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met except the RRF of 1,4-Dioxane was outside QC limits in the initial calibration. This target analyte should be qualified as estimated in the blanks, samples and spikes.

Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except several target analytes were outside QC limits in the continuing calibrations and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	%D,RRF(*)	Qualifier	Associated Sample
S066530	1,4-Dioxane	-24.7,*	UJ/J	B297031-BLK1,BS1,BSD1, 1-3, 5-14
S066530	Chloroethane	30.0	UJ/J	B297031-BLK1,BS1,BSD1, 1-3, 5-14
S066530	Naphthalene	-50	UJ/J	B297031-BLK1,BS1,BSD1, 1-3, 5-14
S066530	1,2,3-Trichlorobenzene	-34.1	UJ/J	B297031-BLK1,BS1,BSD1, 1-3, 5-14
S066530	1,2,4-Trichlorobenzene	-32.2	UJ/J	B297031-BLK1,BS1,BSD1, 1-3, 5-14
S066607	1,4-Dioxane	*	UJ/J	B297144-BLK1,BS1,BSD1, 4, 4MS/MSD

CCal ID	Target Analyte	%D,RRF(*)	Qualifier	Associated Sample
S066607	Naphthalene	-47.7	UJ/J	B297144-BLK1,BS1,BSD1, 4, 4MS/MSD
S066607	1,2,3-Trichlorobenzene	-34.1	UJ/J	B297144-BLK1,BS1,BSD1, 4, 4MS/MSD
S066607	1,2,4-Trichlorobenzene	-33.3	UJ/J	B297144-BLK1,BS1,BSD1, 4, 4MS/MSD

GC/MS PERFORMANCE CHECK

All criteria were met.

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For 8260 Tentatively Identified Compounds (TICs) results will not include calibrated compounds that were not requested.

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SM 21-23 5310B

Qualifications:

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

Total Organic Carbon
21L1093-09[SOH-DGW-24 (15-19)], 21L1093-10[SOH-DGW-24 (25-29)]

SW-846 8260D

Qualifications:

L-06

Laboratory fortified blank/laboratory control sample recovery and/or duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the high side.

Analyte & Samples(s) Qualified:

Chloroethane
21L1093-02[SOH-DGW-04 (26-30)], 21L1093-06[SOH-DGW-23 (8-12)], 21L1093-07[SOH-DGW-23 (25-29)], 21L1093-09[SOH-DGW-24 (15-19)], 21L1093-11[SOH-DGW-24 (6-10)], 21L1093-14[SOH-DGW-12 (31-35)], B297031-BS1, B297031-BSD1

L-07

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

1,1,2-Trichloro-1,2,2-trifluoroethan
B297031-BSD1

1,2,3-Trichlorobenzene
B297144-BS1

1,2,4-Trichlorobenzene
B297144-BS1

MS-07A

Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possibility of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.

Analyte & Samples(s) Qualified:

2,2-Dichloropropane
21L1093-04[SOH-DGW-23 (15-19)], B297144-MS1, B297144-MSD1

trans-1,4-Dichloro-2-butene
21L1093-04[SOH-DGW-23 (15-19)], B297144-MS1, B297144-MSD1

MS-09

Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Naphthalene
21L1093-04[SOH-DGW-23 (15-19)], B297144-MS1, B297144-MSD1

MS-15

Matrix spike and matrix spike duplicate recoveries are outside of control limits. Data validation is not affected since results for this compound in this sample are "not detected", and recovery bias is on the high side.

Analyte & Samples(s) Qualified:

Bromomethane
B297144-MS1, B297144-MSD1

Chloroethane
B297144-MS1, B297144-MSD1

Chloromethane
B297144-MS1, B297144-MSD1

MS-19

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:

1,1-Dichloroethane
21L1093-04[SOH-DGW-23 (15-19)], B297144-MS1, B297144-MSD1

cis-1,2-Dichloroethylene
21L1093-04[SOH-DGW-23 (15-19)], B297144-MS1, B297144-MSD1

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MS-22

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene
B297144-MSD1

1,2,4-Trichlorobenzene
B297144-MSD1

Toluene
B297144-MS1

PR-06

pH of sample (pH 3) is outside of method specified preservation criteria.

Analyte & Samples(s) Qualified:

21L1093-07[SOH-DGW-23 (25-29)]

PR-08

pH of sample (pH 5) is outside of method specified preservation criteria.

Analyte & Samples(s) Qualified:

21L1093-02[SOH-DGW-04 (26-30)], 21L1093-03[SOH-DGW-04 (15-19)], 21L1093-04[SOH-DGW-23 (15-19)], 21L1093-14[SOH-DGW-12 (31-35)]

PR-09

pH of sample (pH 6) is outside of method specified preservation criteria.

Analyte & Samples(s) Qualified:

21L1093-09[SOH-DGW-24 (15-19)]

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

21L1093-02[SOH-DGW-04 (26-30)], 21L1093-03[SOH-DGW-04 (15-19)], 21L1093-04[SOH-DGW-23 (15-19)], 21L1093-06[SOH-DGW-23 (8-12)], 21L1093-09[SOH-DGW-24 (15-19)], 21L1093-10[SOH-DGW-24 (25-29)], 21L1093-11[SOH-DGW-24 (6-10)], 21L1093-12[SOH-DGW-16 (31-35)], 21L1093-14[SOH-DGW-12 (31-35)]

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene
21L1093-01[Trip Blank], 21L1093-02[SOH-DGW-04 (26-30)], 21L1093-03[SOH-DGW-04 (15-19)], 21L1093-04[SOH-DGW-23 (15-19)], 21L1093-05[SOH-DGW-DUP-3], 21L1093-06[SOH-DGW-23 (8-12)], 21L1093-07[SOH-DGW-23 (25-29)], 21L1093-08[SOH-DGW-EB-3], 21L1093-09[SOH-DGW-24 (15-19)], 21L1093-10[SOH-DGW-24 (25-29)], 21L1093-11[SOH-DGW-24 (6-10)], 21L1093-12[SOH-DGW-16 (31-35)], 21L1093-13[SOH-DGW-12 (21-25)], 21L1093-14[SOH-DGW-12 (31-35)], B297031-BLK1, B297031-BS1, B297031-BSD1, B297144-BLK1, B297144-BS1, B297144-BSD1, B297144-MS1, B297144-MSD1, S066530-CCV1, S066607-CCV1

1,2,4-Trichlorobenzene
21L1093-01[Trip Blank], 21L1093-02[SOH-DGW-04 (26-30)], 21L1093-03[SOH-DGW-04 (15-19)], 21L1093-04[SOH-DGW-23 (15-19)], 21L1093-05[SOH-DGW-DUP-3], 21L1093-06[SOH-DGW-23 (8-12)], 21L1093-07[SOH-DGW-23 (25-29)], 21L1093-08[SOH-DGW-EB-3], 21L1093-09[SOH-DGW-24 (15-19)], 21L1093-10[SOH-DGW-24 (25-29)], 21L1093-11[SOH-DGW-24 (6-10)], 21L1093-12[SOH-DGW-16 (31-35)], 21L1093-13[SOH-DGW-12 (21-25)], 21L1093-14[SOH-DGW-12 (31-35)], B297031-BLK1, B297031-BS1, B297031-BSD1, B297144-BLK1, B297144-BS1, B297144-BSD1, B297144-MS1, B297144-MSD1, S066530-CCV1, S066607-CCV1

1,4-Dioxane
21L1093-01[Trip Blank], 21L1093-02[SOH-DGW-04 (26-30)], 21L1093-03[SOH-DGW-04 (15-19)], 21L1093-05[SOH-DGW-DUP-3], 21L1093-06[SOH-DGW-23 (8-12)], 21L1093-07[SOH-DGW-23 (25-29)], 21L1093-08[SOH-DGW-EB-3], 21L1093-09[SOH-DGW-24 (15-19)], 21L1093-10[SOH-DGW-24 (25-29)], 21L1093-11[SOH-DGW-24 (6-10)], 21L1093-12[SOH-DGW-16 (31-35)], 21L1093-13[SOH-DGW-12 (21-25)], 21L1093-14[SOH-DGW-12 (31-35)], B297031-BLK1, B297031-BS1, B297031-BSD1, S066530-CCV1

Naphthalene
21L1093-01[Trip Blank], 21L1093-02[SOH-DGW-04 (26-30)], 21L1093-03[SOH-DGW-04 (15-19)], 21L1093-04[SOH-DGW-23 (15-19)], 21L1093-05[SOH-DGW-DUP-3], 21L1093-06[SOH-DGW-23 (8-12)], 21L1093-07[SOH-DGW-23 (25-29)], 21L1093-08[SOH-DGW-EB-3], 21L1093-09[SOH-DGW-24 (15-19)], 21L1093-10[SOH-DGW-24 (25-29)], 21L1093-11[SOH-DGW-24 (6-10)], 21L1093-12[SOH-DGW-16 (31-35)], 21L1093-13[SOH-DGW-12 (21-25)], 21L1093-14[SOH-DGW-12 (31-35)], B297031-BLK1, B297031-BS1, B297031-BSD1, B297144-BLK1, B297144-BS1, B297144-BSD1, B297144-MS1, B297144-MSD1, S066530-CCV1, S066607-CCV1

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V-06

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side for this compound.

Analyte & Samples(s) Qualified:

Chloroethane

21L1093-02[SOH-DGW-04 (26-30)], 21L1093-06[SOH-DGW-23 (8-12)], 21L1093-07[SOH-DGW-23 (25-29)], 21L1093-09[SOH-DGW-24 (15-19)], 21L1093-11[SOH-DGW-24 (6-10)], 21L1093-14[SOH-DGW-12 (31-35)], B297031-BS1, B297031-BSD1, S066530-CCV1

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bromomethane

B297144-BS1, B297144-BSD1, B297144-MS1, B297144-MSD1, S066607-CCV1

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: Trip Blank | Sampled: 12/13/2021 09:00

Sample ID: 21L1093-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: Trip Blank | Sampled: 12/13/2021 09:00

Sample ID: 21L1093-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
1,4-Dioxane	ND	50	22	µg/L	1	V-05	SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Naphthalene	ND	2.0	0.15	µg/L	1	V-05	SW-846 8260D	12/16/21	12/16/21 11:21	EEH
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1	V-05	SW-846 8260D	12/16/21	12/16/21 11:21	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1	V-05	SW-846 8260D	12/16/21	12/16/21 11:21	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 11:21	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		12/16/21 11:21
Toluene-d8	103	70-130		12/16/21 11:21
4-Bromofluorobenzene	109	70-130		12/16/21 11:21

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: Trip Blank | Sampled: 12/13/2021 09:00

Sample ID: 21L1093-01

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/16/21	12/16/21 11:21	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-04 (26-30) | Sampled: 12/13/2021 09:30

Sample ID: 21L1093-02

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	20	200	9.4	µg/L	4	J	SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Acrylonitrile	ND	20	2.8	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
tert-Amyl Methyl Ether (TAME)	ND	2.0	0.60	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Benzene	0.68	4.0	0.52	µg/L	4	J	SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Bromobenzene	ND	4.0	0.52	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Bromochloromethane	ND	4.0	1.4	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Bromodichloromethane	ND	2.0	0.56	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Bromoform	ND	4.0	1.2	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Bromomethane	ND	8.0	4.3	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
2-Butanone (MEK)	33	80	7.5	µg/L	4	J	SW-846 8260D	12/16/21	12/16/21 14:33	EEH
tert-Butyl Alcohol (TBA)	ND	80	21	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
n-Butylbenzene	ND	4.0	0.56	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
sec-Butylbenzene	ND	4.0	0.40	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
tert-Butylbenzene	ND	4.0	0.36	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	2.0	0.44	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Carbon Disulfide	ND	20	6.1	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Carbon Tetrachloride	ND	20	0.68	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Chlorobenzene	ND	4.0	0.32	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Chlorodibromomethane	ND	2.0	0.64	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Chloroethane	11	8.0	1.5	µg/L	4	L-06, V-06	SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Chloroform	ND	8.0	0.76	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Chloromethane	ND	8.0	1.5	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
2-Chlorotoluene	ND	4.0	0.36	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
4-Chlorotoluene	ND	4.0	0.40	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	20	2.9	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
1,2-Dibromoethane (EDB)	ND	2.0	0.60	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Dibromomethane	ND	4.0	1.2	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
1,2-Dichlorobenzene	ND	4.0	0.40	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
1,3-Dichlorobenzene	ND	4.0	0.36	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
1,4-Dichlorobenzene	ND	4.0	0.44	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
trans-1,4-Dichloro-2-butene	ND	8.0	7.2	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Dichlorodifluoromethane (Freon 12)	ND	8.0	0.80	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
1,1-Dichloroethane	400	4.0	0.64	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
1,2-Dichloroethane	2.7	4.0	1.3	µg/L	4	J	SW-846 8260D	12/16/21	12/16/21 14:33	EEH
1,1-Dichloroethylene	27	4.0	0.64	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
cis-1,2-Dichloroethylene	230	4.0	0.60	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
trans-1,2-Dichloroethylene	ND	4.0	0.68	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
1,2-Dichloropropane	ND	4.0	0.72	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
1,3-Dichloropropane	ND	2.0	0.48	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
2,2-Dichloropropane	ND	4.0	1.2	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
1,1-Dichloropropene	ND	8.0	1.0	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
cis-1,3-Dichloropropene	ND	2.0	0.48	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
trans-1,3-Dichloropropene	ND	2.0	0.60	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Diethyl Ether	ND	8.0	0.88	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-04 (26-30) | Sampled: 12/13/2021 09:30

Sample ID: 21L1093-02

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	2.0	0.60	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
1,4-Dioxane	ND	200	86	µg/L	4	V-05	SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Ethylbenzene	ND	4.0	0.36	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Hexachlorobutadiene	ND	2.4	1.6	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
2-Hexanone (MBK)	ND	40	5.6	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Isopropylbenzene (Cumene)	ND	4.0	0.40	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
p-Isopropyltoluene (p-Cymene)	ND	4.0	0.36	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Methyl Acetate	ND	4.0	1.6	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Methyl tert-Butyl Ether (MTBE)	ND	4.0	0.68	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Methyl Cyclohexane	ND	4.0	1.3	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Methylene Chloride	2.9	20	1.2	µg/L	4	J	SW-846 8260D	12/16/21	12/16/21 14:33	EEH
4-Methyl-2-pentanone (MIBK)	ND	40	6.5	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Naphthalene	ND	8.0	0.60	µg/L	4	V-05	SW-846 8260D	12/16/21	12/16/21 14:33	EEH
n-Propylbenzene	ND	4.0	0.32	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Styrene	ND	4.0	0.32	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
1,1,1,2-Tetrachloroethane	ND	4.0	0.56	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
1,1,2,2-Tetrachloroethane	ND	2.0	0.36	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Tetrachloroethylene	ND	4.0	0.80	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Tetrahydrofuran	ND	40	2.3	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Toluene	0.76	4.0	0.44	µg/L	4	J	SW-846 8260D	12/16/21	12/16/21 14:33	EEH
1,2,3-Trichlorobenzene	ND	20	0.56	µg/L	4	V-05	SW-846 8260D	12/16/21	12/16/21 14:33	EEH
1,2,4-Trichlorobenzene	ND	4.0	0.64	µg/L	4	V-05	SW-846 8260D	12/16/21	12/16/21 14:33	EEH
1,3,5-Trichlorobenzene	ND	4.0	0.72	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
1,1,1-Trichloroethane	ND	4.0	0.68	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
1,1,2-Trichloroethane	ND	4.0	0.60	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Trichloroethylene	ND	4.0	0.72	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Trichlorofluoromethane (Freon 11)	ND	8.0	0.76	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
1,2,3-Trichloropropane	ND	8.0	1.2	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	4.0	0.96	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
1,2,4-Trimethylbenzene	ND	4.0	0.40	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
1,3,5-Trimethylbenzene	ND	4.0	0.40	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
Vinyl Chloride	6.5	8.0	0.80	µg/L	4	J	SW-846 8260D	12/16/21	12/16/21 14:33	EEH
m+p Xylene	ND	8.0	0.72	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH
o-Xylene	ND	4.0	0.36	µg/L	4		SW-846 8260D	12/16/21	12/16/21 14:33	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		12/16/21 14:33
Toluene-d8	102	70-130		12/16/21 14:33
4-Bromofluorobenzene	102	70-130		12/16/21 14:33

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-04 (26-30) | Sampled: 12/13/2021 09:30

Sample ID: 21L1093-02

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			4			SW-846 8260D	12/16/21	12/16/21 14:33	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-04 (15-19) | Sampled: 12/13/2021 10:00

Sample ID: 21L1093-03

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	100	4.7	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Acrylonitrile	ND	10	1.4	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
tert-Amyl Methyl Ether (TAME)	ND	1.0	0.30	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Benzene	ND	2.0	0.26	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Bromobenzene	ND	2.0	0.26	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Bromochloromethane	ND	2.0	0.72	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Bromodichloromethane	ND	1.0	0.28	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Bromoform	ND	2.0	0.58	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Bromomethane	ND	4.0	2.1	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
2-Butanone (MEK)	ND	40	3.8	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
tert-Butyl Alcohol (TBA)	ND	40	11	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
n-Butylbenzene	ND	2.0	0.28	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
sec-Butylbenzene	ND	2.0	0.20	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
tert-Butylbenzene	ND	2.0	0.18	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	1.0	0.22	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Carbon Disulfide	ND	10	3.0	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Carbon Tetrachloride	ND	10	0.34	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Chlorobenzene	ND	2.0	0.16	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Chlorodibromomethane	ND	1.0	0.32	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Chloroethane	ND	4.0	0.74	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Chloroform	ND	4.0	0.38	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Chloromethane	ND	4.0	0.76	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
2-Chlorotoluene	ND	2.0	0.18	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
4-Chlorotoluene	ND	2.0	0.20	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	1.4	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
1,2-Dibromoethane (EDB)	ND	1.0	0.30	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Dibromomethane	ND	2.0	0.58	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
1,2-Dichlorobenzene	ND	2.0	0.20	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
1,3-Dichlorobenzene	ND	2.0	0.18	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
1,4-Dichlorobenzene	ND	2.0	0.22	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
trans-1,4-Dichloro-2-butene	ND	4.0	3.6	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Dichlorodifluoromethane (Freon 12)	ND	4.0	0.40	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
1,1-Dichloroethane	300	2.0	0.32	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
1,2-Dichloroethane	ND	2.0	0.64	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
1,1-Dichloroethylene	17	2.0	0.32	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
cis-1,2-Dichloroethylene	14	2.0	0.30	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
trans-1,2-Dichloroethylene	0.44	2.0	0.34	µg/L	2	J	SW-846 8260D	12/16/21	12/16/21 14:57	EEH
1,2-Dichloropropane	ND	2.0	0.36	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
1,3-Dichloropropane	ND	1.0	0.24	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
2,2-Dichloropropane	ND	2.0	0.62	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
1,1-Dichloropropene	ND	4.0	0.52	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
cis-1,3-Dichloropropene	ND	1.0	0.24	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
trans-1,3-Dichloropropene	ND	1.0	0.30	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Diethyl Ether	ND	4.0	0.44	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-04 (15-19) | Sampled: 12/13/2021 10:00

Sample ID: 21L1093-03

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	1.0	0.30	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
1,4-Dioxane	550	100	43	µg/L	2	V-05	SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Ethylbenzene	ND	2.0	0.18	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Hexachlorobutadiene	ND	1.2	0.82	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
2-Hexanone (MBK)	ND	20	2.8	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Isopropylbenzene (Cumene)	ND	2.0	0.20	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
p-Isopropyltoluene (p-Cymene)	ND	2.0	0.18	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Methyl Acetate	ND	2.0	0.78	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.34	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Methyl Cyclohexane	ND	2.0	0.66	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Methylene Chloride	ND	10	0.60	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
4-Methyl-2-pentanone (MIBK)	ND	20	3.2	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Naphthalene	ND	4.0	0.30	µg/L	2	V-05	SW-846 8260D	12/16/21	12/16/21 14:57	EEH
n-Propylbenzene	ND	2.0	0.16	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Styrene	ND	2.0	0.16	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
1,1,1,2-Tetrachloroethane	ND	2.0	0.28	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
1,1,2,2-Tetrachloroethane	ND	1.0	0.18	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Tetrachloroethylene	ND	2.0	0.40	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Tetrahydrofuran	4.1	20	1.2	µg/L	2	J	SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Toluene	0.34	2.0	0.22	µg/L	2	J	SW-846 8260D	12/16/21	12/16/21 14:57	EEH
1,2,3-Trichlorobenzene	ND	10	0.28	µg/L	2	V-05	SW-846 8260D	12/16/21	12/16/21 14:57	EEH
1,2,4-Trichlorobenzene	ND	2.0	0.32	µg/L	2	V-05	SW-846 8260D	12/16/21	12/16/21 14:57	EEH
1,3,5-Trichlorobenzene	ND	2.0	0.36	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
1,1,1-Trichloroethane	2.3	2.0	0.34	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
1,1,2-Trichloroethane	ND	2.0	0.30	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Trichloroethylene	7.0	2.0	0.36	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Trichlorofluoromethane (Freon 11)	ND	4.0	0.38	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
1,2,3-Trichloropropane	ND	4.0	0.62	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	0.48	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
1,2,4-Trimethylbenzene	ND	2.0	0.20	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
1,3,5-Trimethylbenzene	ND	2.0	0.20	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
Vinyl Chloride	3.4	4.0	0.40	µg/L	2	J	SW-846 8260D	12/16/21	12/16/21 14:57	EEH
m+p Xylene	ND	4.0	0.36	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH
o-Xylene	ND	2.0	0.18	µg/L	2		SW-846 8260D	12/16/21	12/16/21 14:57	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	108	70-130		12/16/21 14:57
Toluene-d8	99.4	70-130		12/16/21 14:57
4-Bromofluorobenzene	106	70-130		12/16/21 14:57

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-04 (15-19) | Sampled: 12/13/2021 10:00

Sample ID: 21L1093-03

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			2			SW-846 8260D	12/16/21	12/16/21 14:57	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-23 (15-19) | Sampled: 12/13/2021 11:00

Sample ID: 21L1093-04

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	1000	47	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Acrylonitrile	ND	100	14	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
tert-Amyl Methyl Ether (TAME)	ND	10	3.0	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Benzene	ND	20	2.6	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Bromobenzene	ND	20	2.6	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Bromochloromethane	ND	20	7.2	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Bromodichloromethane	ND	10	2.8	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Bromoform	ND	20	5.8	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Bromomethane	ND	40	21	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
2-Butanone (MEK)	ND	400	38	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
tert-Butyl Alcohol (TBA)	ND	400	110	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
n-Butylbenzene	ND	20	2.8	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
sec-Butylbenzene	ND	20	2.0	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
tert-Butylbenzene	ND	20	1.8	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	10	2.2	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Carbon Disulfide	ND	100	30	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Carbon Tetrachloride	ND	100	3.4	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Chlorobenzene	ND	20	1.6	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Chlorodibromomethane	ND	10	3.2	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Chloroethane	18	40	7.4	µg/L	20	J	SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Chloroform	ND	40	3.8	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Chloromethane	ND	40	7.6	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
2-Chlorotoluene	ND	20	1.8	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
4-Chlorotoluene	ND	20	2.0	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Cyclohexane	ND	100	31	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	100	14	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
1,2-Dibromoethane (EDB)	ND	10	3.0	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Dibromomethane	ND	20	5.8	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
1,2-Dichlorobenzene	ND	20	2.0	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
1,3-Dichlorobenzene	ND	20	1.8	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
1,4-Dichlorobenzene	ND	20	2.2	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
trans-1,4-Dichloro-2-butene	ND	40	36	µg/L	20	MS-07A	SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Dichlorodifluoromethane (Freon 12)	ND	40	4.0	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
1,1-Dichloroethane	1800	20	3.2	µg/L	20	MS-19	SW-846 8260D	12/17/21	12/17/21 22:36	EEH
1,2-Dichloroethane	20	20	6.4	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
1,1-Dichloroethylene	110	20	3.2	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
cis-1,2-Dichloroethylene	3100	20	3.0	µg/L	20	MS-19	SW-846 8260D	12/17/21	12/17/21 22:36	EEH
trans-1,2-Dichloroethylene	20	20	3.4	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
1,2-Dichloropropane	ND	20	3.6	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
1,3-Dichloropropane	ND	10	2.4	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
2,2-Dichloropropane	ND	20	6.2	µg/L	20	MS-07A	SW-846 8260D	12/17/21	12/17/21 22:36	EEH
1,1-Dichloropropene	ND	40	5.2	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
cis-1,3-Dichloropropene	ND	10	2.4	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
trans-1,3-Dichloropropene	ND	10	3.0	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-23 (15-19) | Sampled: 12/13/2021 11:00

Sample ID: 21L1093-04

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	40	4.4	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Diisopropyl Ether (DIPE)	ND	10	3.0	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
1,4-Dioxane	ND	1000	430	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Ethylbenzene	ND	20	1.8	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Hexachlorobutadiene	ND	12	8.2	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
2-Hexanone (MBK)	ND	200	28	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Isopropylbenzene (Cumene)	ND	20	2.0	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
p-Isopropyltoluene (p-Cymene)	ND	20	1.8	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Methyl Acetate	ND	20	7.8	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Methyl tert-Butyl Ether (MTBE)	ND	20	3.4	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Methyl Cyclohexane	ND	20	6.6	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Methylene Chloride	ND	100	6.0	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
4-Methyl-2-pentanone (MIBK)	ND	200	32	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Naphthalene	ND	40	3.0	µg/L	20	MS-09, V-05	SW-846 8260D	12/17/21	12/17/21 22:36	EEH
n-Propylbenzene	ND	20	1.6	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Styrene	ND	20	1.6	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
1,1,1,2-Tetrachloroethane	ND	20	2.8	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
1,1,2,2-Tetrachloroethane	ND	10	1.8	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Tetrachloroethylene	ND	20	4.0	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Tetrahydrofuran	ND	200	12	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Toluene	ND	20	2.2	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
1,2,3-Trichlorobenzene	ND	100	2.8	µg/L	20	V-05	SW-846 8260D	12/17/21	12/17/21 22:36	EEH
1,2,4-Trichlorobenzene	ND	20	3.2	µg/L	20	V-05	SW-846 8260D	12/17/21	12/17/21 22:36	EEH
1,3,5-Trichlorobenzene	ND	20	3.6	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
1,1,1-Trichloroethane	38	20	3.4	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
1,1,2-Trichloroethane	ND	20	3.0	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Trichloroethylene	ND	20	3.6	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Trichlorofluoromethane (Freon 11)	ND	40	3.8	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
1,2,3-Trichloropropane	ND	40	6.2	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	20	4.8	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
1,2,4-Trimethylbenzene	ND	20	2.0	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
1,3,5-Trimethylbenzene	ND	20	2.0	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
Vinyl Chloride	250	40	4.0	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
m+p Xylene	ND	40	3.6	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH
o-Xylene	ND	20	1.8	µg/L	20		SW-846 8260D	12/17/21	12/17/21 22:36	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	112	70-130		12/17/21 22:36
Toluene-d8	102	70-130		12/17/21 22:36
4-Bromofluorobenzene	101	70-130		12/17/21 22:36

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-23 (15-19) | Sampled: 12/13/2021 11:00

Sample ID: 21L1093-04

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			20			SW-846 8260D	12/17/21	12/17/21 22:36	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-DUP-3 | Sampled: 12/13/2021 08:00

Sample ID: 21L1093-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Benzene	0.35	1.0	0.13	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
1,1-Dichloroethane	13	1.0	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
1,1-Dichloroethylene	3.6	1.0	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
cis-1,2-Dichloroethylene	9.7	1.0	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-DUP-3 | Sampled: 12/13/2021 08:00

Sample ID: 21L1093-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
1,4-Dioxane	ND	50	22	µg/L	1	V-05	SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Methylene Chloride	0.70	5.0	0.30	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 12:09	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Naphthalene	ND	2.0	0.15	µg/L	1	V-05	SW-846 8260D	12/16/21	12/16/21 12:09	EEH
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Toluene	0.35	1.0	0.11	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 12:09	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1	V-05	SW-846 8260D	12/16/21	12/16/21 12:09	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1	V-05	SW-846 8260D	12/16/21	12/16/21 12:09	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
1,1,1-Trichloroethane	26	1.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
Vinyl Chloride	1.4	2.0	0.20	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 12:09	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:09	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	110	70-130		12/16/21 12:09
Toluene-d8	103	70-130		12/16/21 12:09
4-Bromofluorobenzene	102	70-130		12/16/21 12:09

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-DUP-3 | Sampled: 12/13/2021 08:00

Sample ID: 21L1093-05

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/16/21	12/16/21 12:09	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-23 (8-12) | Sampled: 12/13/2021 12:40

Sample ID: 21L1093-06

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	1200	59	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Acrylonitrile	ND	120	17	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
tert-Amyl Methyl Ether (TAME)	ND	12	3.8	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Benzene	ND	25	3.2	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Bromobenzene	ND	25	3.2	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Bromochloromethane	ND	25	9.0	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Bromodichloromethane	ND	12	3.5	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Bromoform	ND	25	7.2	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Bromomethane	ND	50	27	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
2-Butanone (MEK)	ND	500	47	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
tert-Butyl Alcohol (TBA)	ND	500	130	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
n-Butylbenzene	ND	25	3.5	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
sec-Butylbenzene	ND	25	2.5	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
tert-Butylbenzene	ND	25	2.2	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	12	2.8	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Carbon Disulfide	ND	120	38	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Carbon Tetrachloride	ND	120	4.2	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Chlorobenzene	ND	25	2.0	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Chlorodibromomethane	ND	12	4.0	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Chloroethane	62	50	9.2	µg/L	25	L-06, V-06	SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Chloroform	ND	50	4.8	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Chloromethane	ND	50	9.5	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
2-Chlorotoluene	ND	25	2.2	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
4-Chlorotoluene	ND	25	2.5	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	120	18	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
1,2-Dibromoethane (EDB)	ND	12	3.8	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Dibromomethane	ND	25	7.2	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
1,2-Dichlorobenzene	ND	25	2.5	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
1,3-Dichlorobenzene	ND	25	2.2	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
1,4-Dichlorobenzene	ND	25	2.8	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
trans-1,4-Dichloro-2-butene	ND	50	45	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Dichlorodifluoromethane (Freon 12)	ND	50	5.0	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
1,1-Dichloroethane	3600	25	4.0	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
1,2-Dichloroethane	36	25	8.0	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
1,1-Dichloroethylene	340	25	4.0	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
cis-1,2-Dichloroethylene	2500	25	3.8	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
trans-1,2-Dichloroethylene	42	25	4.2	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
1,2-Dichloropropane	ND	25	4.5	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
1,3-Dichloropropane	ND	12	3.0	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
2,2-Dichloropropane	ND	25	7.8	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
1,1-Dichloropropene	ND	50	6.5	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
cis-1,3-Dichloropropene	ND	12	3.0	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
trans-1,3-Dichloropropene	ND	12	3.8	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Diethyl Ether	ND	50	5.5	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-23 (8-12) | Sampled: 12/13/2021 12:40

Sample ID: 21L1093-06

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	12	3.8	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
1,4-Dioxane	ND	1200	540	µg/L	25	V-05	SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Ethylbenzene	ND	25	2.2	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Hexachlorobutadiene	ND	15	10	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
2-Hexanone (MBK)	ND	250	35	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Isopropylbenzene (Cumene)	ND	25	2.5	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
p-Isopropyltoluene (p-Cymene)	ND	25	2.2	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Methyl Acetate	ND	25	9.8	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Methyl tert-Butyl Ether (MTBE)	ND	25	4.2	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Methyl Cyclohexane	ND	25	8.2	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Methylene Chloride	26	120	7.5	µg/L	25	J	SW-846 8260D	12/16/21	12/16/21 15:45	EEH
4-Methyl-2-pentanone (MIBK)	ND	250	40	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Naphthalene	ND	50	3.8	µg/L	25	V-05	SW-846 8260D	12/16/21	12/16/21 15:45	EEH
n-Propylbenzene	ND	25	2.0	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Styrene	ND	25	2.0	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
1,1,1,2-Tetrachloroethane	ND	25	3.5	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
1,1,2,2-Tetrachloroethane	ND	12	2.2	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Tetrachloroethylene	ND	25	5.0	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Tetrahydrofuran	ND	250	14	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Toluene	ND	25	2.8	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
1,2,3-Trichlorobenzene	ND	120	3.5	µg/L	25	V-05	SW-846 8260D	12/16/21	12/16/21 15:45	EEH
1,2,4-Trichlorobenzene	ND	25	4.0	µg/L	25	V-05	SW-846 8260D	12/16/21	12/16/21 15:45	EEH
1,3,5-Trichlorobenzene	ND	25	4.5	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
1,1,1-Trichloroethane	720	25	4.2	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
1,1,2-Trichloroethane	ND	25	3.8	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Trichloroethylene	6.5	25	4.5	µg/L	25	J	SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Trichlorofluoromethane (Freon 11)	ND	50	4.8	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
1,2,3-Trichloropropane	ND	50	7.8	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	25	6.0	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
1,2,4-Trimethylbenzene	ND	25	2.5	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
1,3,5-Trimethylbenzene	ND	25	2.5	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
Vinyl Chloride	290	50	5.0	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
m+p Xylene	ND	50	4.5	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH
o-Xylene	ND	25	2.2	µg/L	25		SW-846 8260D	12/16/21	12/16/21 15:45	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		12/16/21 15:45
Toluene-d8	102	70-130		12/16/21 15:45
4-Bromofluorobenzene	103	70-130		12/16/21 15:45

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-23 (8-12) | Sampled: 12/13/2021 12:40

Sample ID: 21L1093-06

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			25			SW-846 8260D	12/16/21	12/16/21 15:45	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-23 (25-29) | Sampled: 12/13/2021 13:00

Sample ID: 21L1093-07

Sample Matrix: Ground Water

Sample Flags: PR-06

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	3.8	50	2.4	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Benzene	0.33	1.0	0.13	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Chloroethane	ND	2.0	0.37	µg/L	1	L-06, V-06	SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
1,1-Dichloroethane	11	1.0	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
1,1-Dichloroethylene	2.2	1.0	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
cis-1,2-Dichloroethylene	11	1.0	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-23 (25-29) | Sampled: 12/13/2021 13:00

Sample ID: 21L1093-07

Sample Matrix: Ground Water

Sample Flags: PR-06

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
1,4-Dioxane	ND	50	22	µg/L	1	V-05	SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Methyl Cyclohexane	0.33	1.0	0.33	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Methylene Chloride	0.68	5.0	0.30	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 13:21	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Naphthalene	ND	2.0	0.15	µg/L	1	V-05	SW-846 8260D	12/16/21	12/16/21 13:21	EEH
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Toluene	0.37	1.0	0.11	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 13:21	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1	V-05	SW-846 8260D	12/16/21	12/16/21 13:21	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1	V-05	SW-846 8260D	12/16/21	12/16/21 13:21	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
1,1,1-Trichloroethane	15	1.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
Vinyl Chloride	0.85	2.0	0.20	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 13:21	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 13:21	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	110	70-130		12/16/21 13:21
Toluene-d8	102	70-130		12/16/21 13:21
4-Bromofluorobenzene	104	70-130		12/16/21 13:21

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-23 (25-29) | Sampled: 12/13/2021 13:00

Sample ID: 21L1093-07

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/16/21	12/16/21 13:21	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-EB-3 | Sampled: 12/13/2021 13:10

Sample ID: 21L1093-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-EB-3 | Sampled: 12/13/2021 13:10

Sample ID: 21L1093-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
1,4-Dioxane	ND	50	22	µg/L	1	V-05	SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Naphthalene	ND	2.0	0.15	µg/L	1	V-05	SW-846 8260D	12/16/21	12/16/21 12:33	EEH
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1	V-05	SW-846 8260D	12/16/21	12/16/21 12:33	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1	V-05	SW-846 8260D	12/16/21	12/16/21 12:33	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 12:33	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	109	70-130		12/16/21 12:33
Toluene-d8	103	70-130		12/16/21 12:33
4-Bromofluorobenzene	102	70-130		12/16/21 12:33

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-EB-3 | Sampled: 12/13/2021 13:10

Sample ID: 21L1093-08

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/16/21	12/16/21 12:33	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-24 (15-19) | Sampled: 12/13/2021 14:44

Sample ID: 21L1093-09

Sample Matrix: Ground Water

Sample Flags: PR-09, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	25000	1200	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Acrylonitrile	ND	2500	340	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
tert-Amyl Methyl Ether (TAME)	ND	250	75	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Benzene	ND	500	65	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Bromobenzene	ND	500	65	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Bromochloromethane	ND	500	180	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Bromodichloromethane	ND	250	70	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Bromoform	ND	500	140	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Bromomethane	ND	1000	540	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
2-Butanone (MEK)	ND	10000	940	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
tert-Butyl Alcohol (TBA)	ND	10000	2700	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
n-Butylbenzene	ND	500	70	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
sec-Butylbenzene	ND	500	50	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
tert-Butylbenzene	ND	500	45	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	250	55	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Carbon Disulfide	ND	2500	760	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Carbon Tetrachloride	ND	2500	85	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Chlorobenzene	ND	500	40	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Chlorodibromomethane	ND	250	80	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Chloroethane	79000	1000	180	µg/L	500	L-06, V-06	SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Chloroform	ND	1000	95	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Chloromethane	ND	1000	190	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
2-Chlorotoluene	ND	500	45	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
4-Chlorotoluene	ND	500	50	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	2500	360	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
1,2-Dibromoethane (EDB)	ND	250	75	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Dibromomethane	ND	500	140	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
1,2-Dichlorobenzene	ND	500	50	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
1,3-Dichlorobenzene	ND	500	45	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
1,4-Dichlorobenzene	ND	500	55	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
trans-1,4-Dichloro-2-butene	ND	1000	900	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Dichlorodifluoromethane (Freon 12)	ND	1000	100	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
1,1-Dichloroethane	85000	500	80	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
1,2-Dichloroethane	ND	500	160	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
1,1-Dichloroethylene	1300	500	80	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
cis-1,2-Dichloroethylene	960	500	75	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
trans-1,2-Dichloroethylene	ND	500	85	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
1,2-Dichloropropane	ND	500	90	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
1,3-Dichloropropane	ND	250	60	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
2,2-Dichloropropane	ND	500	160	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
1,1-Dichloropropene	ND	1000	130	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
cis-1,3-Dichloropropene	ND	250	60	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
trans-1,3-Dichloropropene	ND	250	75	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Diethyl Ether	ND	1000	110	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-24 (15-19) | Sampled: 12/13/2021 14:44

Sample ID: 21L1093-09

Sample Matrix: Ground Water

Sample Flags: PR-09, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	250	75	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
1,4-Dioxane	ND	25000	11000	µg/L	500	V-05	SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Ethylbenzene	ND	500	45	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Hexachlorobutadiene	ND	300	200	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
2-Hexanone (MBK)	ND	5000	700	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Isopropylbenzene (Cumene)	ND	500	50	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
p-Isopropyltoluene (p-Cymene)	ND	500	45	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Methyl Acetate	ND	500	200	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Methyl tert-Butyl Ether (MTBE)	ND	500	85	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Methyl Cyclohexane	ND	500	160	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Methylene Chloride	22000	2500	150	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
4-Methyl-2-pentanone (MIBK)	ND	5000	810	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Naphthalene	ND	1000	75	µg/L	500	V-05	SW-846 8260D	12/16/21	12/16/21 16:09	EEH
n-Propylbenzene	ND	500	40	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Styrene	ND	500	40	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
1,1,1,2-Tetrachloroethane	ND	500	70	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
1,1,2,2-Tetrachloroethane	ND	250	45	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Tetrachloroethylene	ND	500	100	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Tetrahydrofuran	ND	5000	290	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Toluene	150	500	55	µg/L	500	J	SW-846 8260D	12/16/21	12/16/21 16:09	EEH
1,2,3-Trichlorobenzene	ND	2500	70	µg/L	500	V-05	SW-846 8260D	12/16/21	12/16/21 16:09	EEH
1,2,4-Trichlorobenzene	ND	500	80	µg/L	500	V-05	SW-846 8260D	12/16/21	12/16/21 16:09	EEH
1,3,5-Trichlorobenzene	ND	500	90	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
1,1,1-Trichloroethane	7700	500	85	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
1,1,2-Trichloroethane	ND	500	75	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Trichloroethylene	ND	500	90	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Trichlorofluoromethane (Freon 11)	ND	1000	95	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
1,2,3-Trichloropropane	ND	1000	160	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	500	120	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
1,2,4-Trimethylbenzene	ND	500	50	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
1,3,5-Trimethylbenzene	ND	500	50	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
Vinyl Chloride	1900	1000	100	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
m+p Xylene	ND	1000	90	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH
o-Xylene	ND	500	45	µg/L	500		SW-846 8260D	12/16/21	12/16/21 16:09	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		12/16/21 16:09
Toluene-d8	102	70-130		12/16/21 16:09
4-Bromofluorobenzene	97.6	70-130		12/16/21 16:09

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-24 (15-19) | Sampled: 12/13/2021 14:44

Sample ID: 21L1093-09

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			500			SW-846 8260D	12/16/21	12/16/21 16:09	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-24 (25-29) | Sampled: 12/13/2021 15:00

Sample ID: 21L1093-10

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	200000	9400	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Acrylonitrile	ND	20000	2800	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
tert-Amyl Methyl Ether (TAME)	ND	2000	600	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Benzene	ND	4000	520	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Bromobenzene	ND	4000	520	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Bromochloromethane	ND	4000	1400	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Bromodichloromethane	ND	2000	560	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Bromoform	ND	4000	1200	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Bromomethane	ND	8000	4300	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
2-Butanone (MEK)	ND	80000	7500	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
tert-Butyl Alcohol (TBA)	ND	80000	21000	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
n-Butylbenzene	ND	4000	560	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
sec-Butylbenzene	ND	4000	400	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
tert-Butylbenzene	ND	4000	360	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	2000	440	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Carbon Disulfide	ND	20000	6100	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Carbon Tetrachloride	ND	20000	680	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Chlorobenzene	ND	4000	320	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Chlorodibromomethane	ND	2000	640	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Chloroethane	ND	8000	1500	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Chloroform	ND	8000	760	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Chloromethane	ND	8000	1500	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
2-Chlorotoluene	ND	4000	360	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
4-Chlorotoluene	ND	4000	400	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	20000	2900	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
1,2-Dibromoethane (EDB)	ND	2000	600	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Dibromomethane	ND	4000	1200	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
1,2-Dichlorobenzene	ND	4000	400	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
1,3-Dichlorobenzene	ND	4000	360	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
1,4-Dichlorobenzene	ND	4000	440	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
trans-1,4-Dichloro-2-butene	ND	8000	7200	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Dichlorodifluoromethane (Freon 12)	ND	8000	800	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
1,1-Dichloroethane	28000	4000	640	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
1,2-Dichloroethane	ND	4000	1300	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
1,1-Dichloroethylene	2800	4000	640	µg/L	4000	J	SW-846 8260D	12/16/21	12/16/21 16:33	EEH
cis-1,2-Dichloroethylene	100000	4000	600	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
trans-1,2-Dichloroethylene	ND	4000	680	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
1,2-Dichloropropane	ND	4000	720	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
1,3-Dichloropropane	ND	2000	480	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
2,2-Dichloropropane	ND	4000	1200	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
1,1-Dichloropropene	ND	8000	1000	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
cis-1,3-Dichloropropene	ND	2000	480	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
trans-1,3-Dichloropropene	ND	2000	600	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Diethyl Ether	ND	8000	880	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-24 (25-29) | Sampled: 12/13/2021 15:00

Sample ID: 21L1093-10

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	2000	600	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
1,4-Dioxane	ND	200000	86000	µg/L	4000	V-05	SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Ethylbenzene	ND	4000	360	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Hexachlorobutadiene	ND	2400	1600	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
2-Hexanone (MBK)	ND	40000	5600	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Isopropylbenzene (Cumene)	ND	4000	400	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
p-Isopropyltoluene (p-Cymene)	ND	4000	360	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Methyl Acetate	ND	4000	1600	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Methyl tert-Butyl Ether (MTBE)	ND	4000	680	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Methyl Cyclohexane	ND	4000	1300	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Methylene Chloride	8600	20000	1200	µg/L	4000	J	SW-846 8260D	12/16/21	12/16/21 16:33	EEH
4-Methyl-2-pentanone (MIBK)	ND	40000	6500	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Naphthalene	ND	8000	600	µg/L	4000	V-05	SW-846 8260D	12/16/21	12/16/21 16:33	EEH
n-Propylbenzene	ND	4000	320	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Styrene	ND	4000	320	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
1,1,1,2-Tetrachloroethane	ND	4000	560	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
1,1,2,2-Tetrachloroethane	ND	2000	360	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Tetrachloroethylene	ND	4000	800	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Tetrahydrofuran	ND	40000	2300	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Toluene	ND	4000	440	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
1,2,3-Trichlorobenzene	ND	20000	560	µg/L	4000	V-05	SW-846 8260D	12/16/21	12/16/21 16:33	EEH
1,2,4-Trichlorobenzene	ND	4000	640	µg/L	4000	V-05	SW-846 8260D	12/16/21	12/16/21 16:33	EEH
1,3,5-Trichlorobenzene	ND	4000	720	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
1,1,1-Trichloroethane	58000	4000	680	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
1,1,2-Trichloroethane	ND	4000	600	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Trichloroethylene	240000	4000	720	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Trichlorofluoromethane (Freon 11)	ND	8000	760	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
1,2,3-Trichloropropane	ND	8000	1200	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	4000	960	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
1,2,4-Trimethylbenzene	ND	4000	400	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
1,3,5-Trimethylbenzene	ND	4000	400	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
Vinyl Chloride	ND	8000	800	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
m+p Xylene	ND	8000	720	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH
o-Xylene	ND	4000	360	µg/L	4000		SW-846 8260D	12/16/21	12/16/21 16:33	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	109	70-130		12/16/21 16:33
Toluene-d8	98.5	70-130		12/16/21 16:33
4-Bromofluorobenzene	99.2	70-130		12/16/21 16:33

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-24 (25-29) | Sampled: 12/13/2021 15:00

Sample ID: 21L1093-10

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			4000			SW-846 8260D	12/16/21	12/16/21 16:33	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-24 (6-10) | Sampled: 12/13/2021 15:30

Sample ID: 21L1093-11

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10000	470	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Acrylonitrile	ND	1000	140	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
tert-Amyl Methyl Ether (TAME)	ND	100	30	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Benzene	ND	200	26	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Bromobenzene	ND	200	26	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Bromochloromethane	ND	200	72	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Bromodichloromethane	ND	100	28	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Bromoform	ND	200	58	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Bromomethane	ND	400	210	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
2-Butanone (MEK)	ND	4000	380	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
tert-Butyl Alcohol (TBA)	ND	4000	1100	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
n-Butylbenzene	ND	200	28	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
sec-Butylbenzene	ND	200	20	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
tert-Butylbenzene	ND	200	18	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	100	22	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Carbon Disulfide	ND	1000	300	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Carbon Tetrachloride	ND	1000	34	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Chlorobenzene	ND	200	16	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Chlorodibromomethane	ND	100	32	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Chloroethane	840	400	74	µg/L	200	L-06, V-06	SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Chloroform	ND	400	38	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Chloromethane	ND	400	76	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
2-Chlorotoluene	ND	200	18	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
4-Chlorotoluene	ND	200	20	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	1000	140	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
1,2-Dibromoethane (EDB)	ND	100	30	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Dibromomethane	ND	200	58	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
1,2-Dichlorobenzene	ND	200	20	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
1,3-Dichlorobenzene	ND	200	18	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
1,4-Dichlorobenzene	ND	200	22	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
trans-1,4-Dichloro-2-butene	ND	400	360	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Dichlorodifluoromethane (Freon 12)	ND	400	40	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
1,1-Dichloroethane	6200	200	32	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
1,2-Dichloroethane	ND	200	64	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
1,1-Dichloroethylene	1600	200	32	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
cis-1,2-Dichloroethylene	720	200	30	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
trans-1,2-Dichloroethylene	ND	200	34	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
1,2-Dichloropropane	ND	200	36	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
1,3-Dichloropropane	ND	100	24	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
2,2-Dichloropropane	ND	200	62	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
1,1-Dichloropropene	ND	400	52	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
cis-1,3-Dichloropropene	ND	100	24	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
trans-1,3-Dichloropropene	ND	100	30	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Diethyl Ether	ND	400	44	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-24 (6-10) | Sampled: 12/13/2021 15:30

Sample ID: 21L1093-11

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	100	30	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
1,4-Dioxane	ND	10000	4300	µg/L	200	V-05	SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Ethylbenzene	ND	200	18	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Hexachlorobutadiene	ND	120	82	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
2-Hexanone (MBK)	ND	2000	280	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Isopropylbenzene (Cumene)	ND	200	20	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
p-Isopropyltoluene (p-Cymene)	ND	200	18	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Methyl Acetate	ND	200	78	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Methyl tert-Butyl Ether (MTBE)	ND	200	34	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Methyl Cyclohexane	ND	200	66	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Methylene Chloride	3400	1000	60	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
4-Methyl-2-pentanone (MIBK)	ND	2000	320	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Naphthalene	ND	400	30	µg/L	200	V-05	SW-846 8260D	12/16/21	12/16/21 16:58	EEH
n-Propylbenzene	ND	200	16	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Styrene	ND	200	16	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
1,1,1,2-Tetrachloroethane	ND	200	28	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
1,1,2,2-Tetrachloroethane	ND	100	18	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Tetrachloroethylene	94	200	40	µg/L	200	J	SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Tetrahydrofuran	ND	2000	120	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Toluene	ND	200	22	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
1,2,3-Trichlorobenzene	ND	1000	28	µg/L	200	V-05	SW-846 8260D	12/16/21	12/16/21 16:58	EEH
1,2,4-Trichlorobenzene	ND	200	32	µg/L	200	V-05	SW-846 8260D	12/16/21	12/16/21 16:58	EEH
1,3,5-Trichlorobenzene	ND	200	36	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
1,1,1-Trichloroethane	21000	200	34	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
1,1,2-Trichloroethane	ND	200	30	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Trichloroethylene	490	200	36	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Trichlorofluoromethane (Freon 11)	ND	400	38	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
1,2,3-Trichloropropane	ND	400	62	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	290	200	48	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
1,2,4-Trimethylbenzene	ND	200	20	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
1,3,5-Trimethylbenzene	ND	200	20	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
Vinyl Chloride	140	400	40	µg/L	200	J	SW-846 8260D	12/16/21	12/16/21 16:58	EEH
m+p Xylene	ND	400	36	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH
o-Xylene	ND	200	18	µg/L	200		SW-846 8260D	12/16/21	12/16/21 16:58	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		12/16/21 16:58
Toluene-d8	96.4	70-130		12/16/21 16:58
4-Bromofluorobenzene	97.2	70-130		12/16/21 16:58

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-24 (6-10) | Sampled: 12/13/2021 15:30

Sample ID: 21L1093-11

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			200			SW-846 8260D	12/16/21	12/16/21 16:58	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-16 (31-35) | Sampled: 12/14/2021 09:00

Sample ID: 21L1093-12

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	140	1000	47	µg/L	20	J	SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Acrylonitrile	ND	100	14	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
tert-Amyl Methyl Ether (TAME)	ND	10	3.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Benzene	ND	20	2.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Bromobenzene	ND	20	2.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Bromochloromethane	ND	20	7.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Bromodichloromethane	ND	10	2.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Bromoform	ND	20	5.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Bromomethane	ND	40	21	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
2-Butanone (MEK)	100	400	38	µg/L	20	J	SW-846 8260D	12/16/21	12/16/21 17:22	EEH
tert-Butyl Alcohol (TBA)	ND	400	110	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
n-Butylbenzene	ND	20	2.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
sec-Butylbenzene	ND	20	2.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
tert-Butylbenzene	ND	20	1.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	10	2.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Carbon Disulfide	ND	100	30	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Carbon Tetrachloride	ND	100	3.4	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Chlorobenzene	ND	20	1.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Chlorodibromomethane	ND	10	3.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Chloroethane	ND	40	7.4	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Chloroform	ND	40	3.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Chloromethane	ND	40	7.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
2-Chlorotoluene	ND	20	1.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
4-Chlorotoluene	ND	20	2.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	100	14	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
1,2-Dibromoethane (EDB)	ND	10	3.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Dibromomethane	ND	20	5.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
1,2-Dichlorobenzene	ND	20	2.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
1,3-Dichlorobenzene	ND	20	1.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
1,4-Dichlorobenzene	ND	20	2.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
trans-1,4-Dichloro-2-butene	ND	40	36	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Dichlorodifluoromethane (Freon 12)	ND	40	4.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
1,1-Dichloroethane	530	20	3.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
1,2-Dichloroethane	ND	20	6.4	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
1,1-Dichloroethylene	44	20	3.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
cis-1,2-Dichloroethylene	420	20	3.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
trans-1,2-Dichloroethylene	4.4	20	3.4	µg/L	20	J	SW-846 8260D	12/16/21	12/16/21 17:22	EEH
1,2-Dichloropropane	ND	20	3.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
1,3-Dichloropropane	ND	10	2.4	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
2,2-Dichloropropane	ND	20	6.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
1,1-Dichloropropene	ND	40	5.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
cis-1,3-Dichloropropene	ND	10	2.4	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
trans-1,3-Dichloropropene	ND	10	3.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Diethyl Ether	ND	40	4.4	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-16 (31-35) | Sampled: 12/14/2021 09:00

Sample ID: 21L1093-12

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	10	3.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
1,4-Dioxane	ND	1000	430	µg/L	20	V-05	SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Ethylbenzene	ND	20	1.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Hexachlorobutadiene	ND	12	8.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
2-Hexanone (MBK)	ND	200	28	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Isopropylbenzene (Cumene)	ND	20	2.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
p-Isopropyltoluene (p-Cymene)	ND	20	1.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Methyl Acetate	ND	20	7.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Methyl tert-Butyl Ether (MTBE)	ND	20	3.4	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Methyl Cyclohexane	ND	20	6.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Methylene Chloride	60	100	6.0	µg/L	20	J	SW-846 8260D	12/16/21	12/16/21 17:22	EEH
4-Methyl-2-pentanone (MIBK)	ND	200	32	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Naphthalene	ND	40	3.0	µg/L	20	V-05	SW-846 8260D	12/16/21	12/16/21 17:22	EEH
n-Propylbenzene	ND	20	1.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Styrene	ND	20	1.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
1,1,1,2-Tetrachloroethane	ND	20	2.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
1,1,2,2-Tetrachloroethane	ND	10	1.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Tetrachloroethylene	ND	20	4.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Tetrahydrofuran	ND	200	12	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Toluene	2.8	20	2.2	µg/L	20	J	SW-846 8260D	12/16/21	12/16/21 17:22	EEH
1,2,3-Trichlorobenzene	ND	100	2.8	µg/L	20	V-05	SW-846 8260D	12/16/21	12/16/21 17:22	EEH
1,2,4-Trichlorobenzene	ND	20	3.2	µg/L	20	V-05	SW-846 8260D	12/16/21	12/16/21 17:22	EEH
1,3,5-Trichlorobenzene	ND	20	3.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
1,1,1-Trichloroethane	240	20	3.4	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
1,1,2-Trichloroethane	ND	20	3.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Trichloroethylene	1400	20	3.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Trichlorofluoromethane (Freon 11)	ND	40	3.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
1,2,3-Trichloropropane	ND	40	6.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	20	4.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
1,2,4-Trimethylbenzene	ND	20	2.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
1,3,5-Trimethylbenzene	ND	20	2.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
Vinyl Chloride	6.6	40	4.0	µg/L	20	J	SW-846 8260D	12/16/21	12/16/21 17:22	EEH
m+p Xylene	ND	40	3.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH
o-Xylene	ND	20	1.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:22	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	109	70-130		12/16/21 17:22
Toluene-d8	102	70-130		12/16/21 17:22
4-Bromofluorobenzene	100	70-130		12/16/21 17:22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-16 (31-35) | Sampled: 12/14/2021 09:00

Sample ID: 21L1093-12

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			20			SW-846 8260D	12/16/21	12/16/21 17:22	EEH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-12 (21-25) | Sampled: 12/14/2021 09:20

Sample ID: 21L1093-13

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	3.4	50	2.4	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
1,1-Dichloroethane	1.2	1.0	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
cis-1,2-Dichloroethylene	4.6	1.0	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-12 (21-25) | Sampled: 12/14/2021 09:20

Sample ID: 21L1093-13

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
1,4-Dioxane	190	50	22	µg/L	1	V-05	SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Methylene Chloride	0.34	5.0	0.30	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 14:09	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Naphthalene	ND	2.0	0.15	µg/L	1	V-05	SW-846 8260D	12/16/21	12/16/21 14:09	EEH
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Toluene	0.22	1.0	0.11	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 14:09	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1	V-05	SW-846 8260D	12/16/21	12/16/21 14:09	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1	V-05	SW-846 8260D	12/16/21	12/16/21 14:09	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
1,1,1-Trichloroethane	1.6	1.0	0.17	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Trichloroethylene	3.2	1.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
Vinyl Chloride	0.30	2.0	0.20	µg/L	1	J	SW-846 8260D	12/16/21	12/16/21 14:09	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/16/21	12/16/21 14:09	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	110	70-130		12/16/21 14:09
Toluene-d8	95.8	70-130		12/16/21 14:09
4-Bromofluorobenzene	99.9	70-130		12/16/21 14:09

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-12 (21-25) | Sampled: 12/14/2021 09:20

Sample ID: 21L1093-13

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/16/21	12/16/21 14:09	EEH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-12 (31-35) | Sampled: 12/14/2021 09:40

Sample ID: 21L1093-14

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	88	1000	47	µg/L	20	J	SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Acrylonitrile	ND	100	14	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
tert-Amyl Methyl Ether (TAME)	ND	10	3.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Benzene	ND	20	2.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Bromobenzene	ND	20	2.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Bromochloromethane	ND	20	7.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Bromodichloromethane	ND	10	2.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Bromoform	ND	20	5.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Bromomethane	ND	40	21	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
2-Butanone (MEK)	110	400	38	µg/L	20	J	SW-846 8260D	12/16/21	12/16/21 17:46	EEH
tert-Butyl Alcohol (TBA)	ND	400	110	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
n-Butylbenzene	ND	20	2.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
sec-Butylbenzene	ND	20	2.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
tert-Butylbenzene	ND	20	1.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	10	2.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Carbon Disulfide	ND	100	30	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Carbon Tetrachloride	ND	100	3.4	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Chlorobenzene	ND	20	1.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Chlorodibromomethane	ND	10	3.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Chloroethane	1700	40	7.4	µg/L	20	L-06, V-06	SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Chloroform	ND	40	3.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Chloromethane	ND	40	7.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
2-Chlorotoluene	ND	20	1.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
4-Chlorotoluene	ND	20	2.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	100	14	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
1,2-Dibromoethane (EDB)	ND	10	3.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Dibromomethane	ND	20	5.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
1,2-Dichlorobenzene	ND	20	2.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
1,3-Dichlorobenzene	ND	20	1.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
1,4-Dichlorobenzene	ND	20	2.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
trans-1,4-Dichloro-2-butene	ND	40	36	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Dichlorodifluoromethane (Freon 12)	ND	40	4.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
1,1-Dichloroethane	2300	20	3.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
1,2-Dichloroethane	ND	20	6.4	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
1,1-Dichloroethylene	21	20	3.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
cis-1,2-Dichloroethylene	41	20	3.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
trans-1,2-Dichloroethylene	ND	20	3.4	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
1,2-Dichloropropane	ND	20	3.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
1,3-Dichloropropane	ND	10	2.4	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
2,2-Dichloropropane	ND	20	6.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
1,1-Dichloropropene	ND	40	5.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
cis-1,3-Dichloropropene	ND	10	2.4	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
trans-1,3-Dichloropropene	ND	10	3.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Diethyl Ether	ND	40	4.4	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-12 (31-35) | Sampled: 12/14/2021 09:40

Sample ID: 21L1093-14

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	10	3.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
1,4-Dioxane	590	1000	430	µg/L	20	V-05, J	SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Ethylbenzene	ND	20	1.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Hexachlorobutadiene	ND	12	8.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
2-Hexanone (MBK)	ND	200	28	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Isopropylbenzene (Cumene)	ND	20	2.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
p-Isopropyltoluene (p-Cymene)	ND	20	1.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Methyl Acetate	ND	20	7.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Methyl tert-Butyl Ether (MTBE)	ND	20	3.4	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Methyl Cyclohexane	ND	20	6.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Methylene Chloride	670	100	6.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
4-Methyl-2-pentanone (MIBK)	ND	200	32	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Naphthalene	ND	40	3.0	µg/L	20	V-05	SW-846 8260D	12/16/21	12/16/21 17:46	EEH
n-Propylbenzene	ND	20	1.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Styrene	ND	20	1.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
1,1,1,2-Tetrachloroethane	ND	20	2.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
1,1,2,2-Tetrachloroethane	ND	10	1.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Tetrachloroethylene	ND	20	4.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Tetrahydrofuran	ND	200	12	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Toluene	ND	20	2.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
1,2,3-Trichlorobenzene	ND	100	2.8	µg/L	20	V-05	SW-846 8260D	12/16/21	12/16/21 17:46	EEH
1,2,4-Trichlorobenzene	ND	20	3.2	µg/L	20	V-05	SW-846 8260D	12/16/21	12/16/21 17:46	EEH
1,3,5-Trichlorobenzene	ND	20	3.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
1,1,1-Trichloroethane	120	20	3.4	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
1,1,2-Trichloroethane	ND	20	3.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Trichloroethylene	47	20	3.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Trichlorofluoromethane (Freon 11)	ND	40	3.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
1,2,3-Trichloropropane	ND	40	6.2	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	20	4.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
1,2,4-Trimethylbenzene	ND	20	2.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
1,3,5-Trimethylbenzene	ND	20	2.0	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
Vinyl Chloride	28	40	4.0	µg/L	20	J	SW-846 8260D	12/16/21	12/16/21 17:46	EEH
m+p Xylene	ND	40	3.6	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH
o-Xylene	ND	20	1.8	µg/L	20		SW-846 8260D	12/16/21	12/16/21 17:46	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	108	70-130		12/16/21 17:46
Toluene-d8	102	70-130		12/16/21 17:46
4-Bromofluorobenzene	101	70-130		12/16/21 17:46

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1093

Date Received: 12/15/2021

Field Sample #: SOH-DGW-12 (31-35) | Sampled: 12/14/2021 09:40

Sample ID: 21L1093-14

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			20			SW-846 8260D	12/16/21	12/16/21 17:46	EEH

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

SOH-DGW-23 (15-19)

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L1093
Client:	NYDEC_TRC Environmental Corporation- Clifton Par	Project:	Stuart Olver Holtz- CO SMPB0001
Matrix:	Water	Analysis:	SW-846 8260D
Batch:	B297144	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B297144-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	21L1093-04
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
Acetone	2000	ND	1990	99.3		70 - 130
Acrylonitrile	200	ND	186	93.1		70 - 130
tert-Amyl Methyl Ether (TAME)	200	ND	241	120		70 - 130
Benzene	200	ND	246	123		70 - 130
Bromobenzene	200	ND	216	108		70 - 130
Bromochloromethane	200	ND	256	128		70 - 130
Bromodichloromethane	200	ND	244	122		70 - 130
Bromoform	200	ND	213	107		70 - 130
Bromomethane	200	ND	274	137	*	70 - 130
2-Butanone (MEK)	2000	ND	1940	97.2		70 - 130
tert-Butyl Alcohol (TBA)	2000	ND	1790	89.5		70 - 130
n-Butylbenzene	200	ND	181	90.3		70 - 130
sec-Butylbenzene	200	ND	204	102		70 - 130
tert-Butylbenzene	200	ND	227	113		70 - 130
tert-Butyl Ethyl Ether (TBEE)	200	ND	235	118		70 - 130
Carbon Disulfide	2000	ND	2020	101		70 - 130
Carbon Tetrachloride	200	ND	245	122		70 - 130
Chlorobenzene	200	ND	234	117		70 - 130
Chlorodibromomethane	200	ND	236	118		70 - 130
Chloroethane	200	18.2	287	134	*	70 - 130
Chloroform	200	ND	247	123		70 - 130
Chloromethane	200	ND	300	150	*	70 - 130
2-Chlorotoluene	200	ND	214	107		70 - 130
4-Chlorotoluene	200	ND	207	104		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	200	ND	186	93.0		70 - 130
1,2-Dibromoethane (EDB)	200	ND	221	111		70 - 130
Dibromomethane	200	ND	227	114		70 - 130
1,2-Dichlorobenzene	200	ND	226	113		70 - 130
1,3-Dichlorobenzene	200	ND	216	108		70 - 130
1,4-Dichlorobenzene	200	ND	215	108		70 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

SOH-DGW-23 (15-19)

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L1093
Client:	NYDEC_TRC Environmental Corporation- Clifton Par	Project:	Stuart Olver Holtz- CO SMPB0001
Matrix:	Water	Analysis:	SW-846 8260D
Batch:	B297144	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B297144-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	21L1093-04
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
trans-1,4-Dichloro-2-butene	200	ND	127	63.5	*	70 - 130
Dichlorodifluoromethane (Freon 12)	200	ND	234	117		70 - 130
1,1-Dichloroethane	200	1770	1610	-80.6	*	70 - 130
1,2-Dichloroethane	200	20.0	244	112		70 - 130
1,1-Dichloroethylene	200	106	319	107		70 - 130
cis-1,2-Dichloroethylene	200	3070	2490	-288	*	70 - 130
trans-1,2-Dichloroethylene	200	20.4	230	105		70 - 130
1,2-Dichloropropane	200	ND	237	118		70 - 130
1,3-Dichloropropane	200	ND	225	112		70 - 130
2,2-Dichloropropane	200	ND	119	59.4	*	70 - 130
1,1-Dichloropropene	200	ND	228	114		70 - 130
cis-1,3-Dichloropropene	200	ND	212	106		70 - 130
trans-1,3-Dichloropropene	200	ND	197	98.4		70 - 130
Diethyl Ether	200	ND	219	110		70 - 130
Diisopropyl Ether (DIPE)	200	ND	231	116		70 - 130
1,4-Dioxane	2000	ND	2300	115		70 - 130
Ethylbenzene	200	ND	234	117		70 - 130
Hexachlorobutadiene	200	ND	185	92.4		70 - 130
2-Hexanone (MBK)	2000	ND	1830	91.3		70 - 130
Isopropylbenzene (Cumene)	200	ND	229	115		70 - 130
p-Isopropyltoluene (p-Cymene)	200	ND	196	97.8		70 - 130
Methyl Acetate	200	ND	188	94.1		70 - 130
Methyl tert-Butyl Ether (MTBE)	200	ND	224	112		70 - 130
Methyl Cyclohexane	200	ND	203	101		70 - 130
Methylene Chloride	200	ND	240	120		70 - 130
4-Methyl-2-pentanone (MIBK)	2000	ND	1980	99.2		70 - 130
Naphthalene	200	ND	126	62.9	*	70 - 130
n-Propylbenzene	200	ND	207	104		70 - 130
Styrene	200	ND	230	115		70 - 130
1,1,1,2-Tetrachloroethane	200	ND	234	117		70 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

SOH-DGW-23 (15-19)

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L1093
Client:	NYDEC_TRC Environmental Corporation- Clifton Par	Project:	Stuart Olver Holtz- CO SMPB0001
Matrix:	Water	Analysis:	SW-846 8260D
Batch:	B297144	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B297144-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	21L1093-04
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
1,1,2,2-Tetrachloroethane	200	ND	209	104		70 - 130
Tetrachloroethylene	200	ND	233	117		70 - 130
Tetrahydrofuran	200	ND	218	109		70 - 130
Toluene	200	ND	262	131	*	70 - 130
1,2,3-Trichlorobenzene	200	ND	151	75.5		70 - 130
1,2,4-Trichlorobenzene	200	ND	145	72.7		70 - 130
1,3,5-Trichlorobenzene	200	ND	181	90.7		70 - 130
1,1,1-Trichloroethane	200	37.6	292	127		70 - 130
1,1,2-Trichloroethane	200	ND	234	117		70 - 130
Trichloroethylene	200	ND	241	120		70 - 130
Trichlorofluoromethane (Freon 11)	200	ND	249	124		70 - 130
1,2,3-Trichloropropane	200	ND	184	92.0		70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	200	ND	241	121		70 - 130
1,2,4-Trimethylbenzene	200	ND	227	114		70 - 130
1,3,5-Trimethylbenzene	200	ND	215	108		70 - 130
Vinyl Chloride	200	255	428	86.5		70 - 130
m+p Xylene	400	ND	484	121		70 - 130
o-Xylene	200	ND	246	123		70 - 130

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

SOH-DGW-23 (15-19)

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L1093
Client:	NYDEC_TRC Environmental Corporation- Clifton Par	Project:	Stuart Olver Holtz- CO SMPB0001
Matrix:	Water	Analysis:	SW-846 8260D
Batch:	B297144	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B297144-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	21L1093-04
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
Acetone	2000	1860	92.8		6.71	30	70 - 130
Acrylonitrile	200	173	86.5		7.35	30	70 - 130
tert-Amyl Methyl Ether (TAME)	200	240	120		0.500	30	70 - 130
Benzene	200	239	120		2.56	30	70 - 130
Bromobenzene	200	209	104		3.39	30	70 - 130
Bromochloromethane	200	238	119		7.37	30	70 - 130
Bromodichloromethane	200	236	118		3.17	30	70 - 130
Bromoform	200	194	97.2		9.22	30	70 - 130
Bromomethane	200	263	132	*	4.09	30	70 - 130
2-Butanone (MEK)	2000	1650	82.6		16.3	30	70 - 130
tert-Butyl Alcohol (TBA)	2000	1520	76.1		16.1	30	70 - 130
n-Butylbenzene	200	168	84.1		7.11	30	70 - 130
sec-Butylbenzene	200	206	103		0.683	30	70 - 130
tert-Butylbenzene	200	223	111		1.87	30	70 - 130
tert-Butyl Ethyl Ether (TBEE)	200	216	108		8.78	30	70 - 130
Carbon Disulfide	2000	1950	97.6		3.46	30	70 - 130
Carbon Tetrachloride	200	232	116		5.37	30	70 - 130
Chlorobenzene	200	220	110		6.26	30	70 - 130
Chlorodibromomethane	200	227	113		3.81	30	70 - 130
Chloroethane	200	292	137	*	1.79	30	70 - 130
Chloroform	200	232	116		6.01	30	70 - 130
Chloromethane	200	276	138	*	8.33	30	70 - 130
2-Chlorotoluene	200	212	106		0.844	30	70 - 130
4-Chlorotoluene	200	200	100		3.53	30	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	200	158	79.2		16.0	30	70 - 130
1,2-Dibromoethane (EDB)	200	210	105		5.29	30	70 - 130
Dibromomethane	200	218	109		3.86	30	70 - 130
1,2-Dichlorobenzene	200	212	106		6.49	30	70 - 130
1,3-Dichlorobenzene	200	211	105		2.62	30	70 - 130
1,4-Dichlorobenzene	200	209	105		2.82	30	70 - 130

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

SOH-DGW-23 (15-19)

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L1093
Client:	NYDEC_TRC Environmental Corporation- Clifton Par	Project:	Stuart Olver Holtz- CO SMPB0001
Matrix:	Water	Analysis:	SW-846 8260D
Batch:	B297144	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B297144-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	21L1093-04
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
trans-1,4-Dichloro-2-butene	200	120	60.0	*	5.67	30	70 - 130
Dichlorodifluoromethane (Freon 12)	200	235	118		0.426	30	70 - 130
1,1-Dichloroethane	200	1520	-126	*	5.88	30	70 - 130
1,2-Dichloroethane	200	233	106		4.78	30	70 - 130
1,1-Dichloroethylene	200	321	107		0.500	30	70 - 130
cis-1,2-Dichloroethylene	200	2400	-335	*	3.85	30	70 - 130
trans-1,2-Dichloroethylene	200	231	105		0.174	30	70 - 130
1,2-Dichloropropane	200	220	110		7.18	30	70 - 130
1,3-Dichloropropane	200	211	106		6.33	30	70 - 130
2,2-Dichloropropane	200	111	55.5	*	6.79	30	70 - 130
1,1-Dichloropropene	200	223	112		2.39	30	70 - 130
cis-1,3-Dichloropropene	200	201	100		5.24	30	70 - 130
trans-1,3-Dichloropropene	200	186	92.8		5.86	30	70 - 130
Diethyl Ether	200	225	112		2.43	30	70 - 130
Diisopropyl Ether (DIPE)	200	217	108		6.51	30	70 - 130
1,4-Dioxane	2000	1870	93.3		20.7	30	70 - 130
Ethylbenzene	200	218	109		7.16	30	70 - 130
Hexachlorobutadiene	200	175	87.7		5.22	30	70 - 130
2-Hexanone (MBK)	2000	1550	77.5		16.4	30	70 - 130
Isopropylbenzene (Cumene)	200	216	108		6.20	30	70 - 130
p-Isopropyltoluene (p-Cymene)	200	196	97.9		0.102	30	70 - 130
Methyl Acetate	200	169	84.7		10.5	30	70 - 130
Methyl tert-Butyl Ether (MTBE)	200	212	106		5.50	30	70 - 130
Methyl Cyclohexane	200	191	95.5		5.89	30	70 - 130
Methylene Chloride	200	238	119		1.00	30	70 - 130
4-Methyl-2-pentanone (MIBK)	2000	1730	86.6		13.6	30	70 - 130
Naphthalene	200	104	52.2	*	18.6	30	70 - 130
n-Propylbenzene	200	203	102		1.85	30	70 - 130
Styrene	200	219	109		4.91	30	70 - 130
1,1,1,2-Tetrachloroethane	200	233	116		0.343	30	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L1093
Client:	NYDEC_TRC Environmental Corporation- Clifton Par	Project:	Stuart Olver Holtz- CO SMPB0001
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B297031	Laboratory ID:	B297031-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Acetone	100	104	104		70 - 160
Acrylonitrile	10.0	9.85	98.5		70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	11.6	116		70 - 130
Benzene	10.0	11.5	115		70 - 130
Bromobenzene	10.0	10.4	104		70 - 130
Bromochloromethane	10.0	12.2	122		70 - 130
Bromodichloromethane	10.0	11.6	116		70 - 130
Bromoform	10.0	10.1	101		70 - 130
Bromomethane	10.0	13.7	137		40 - 160
2-Butanone (MEK)	100	92.7	92.7		40 - 160
tert-Butyl Alcohol (TBA)	100	88.3	88.3		40 - 160
n-Butylbenzene	10.0	9.61	96.1		70 - 130
sec-Butylbenzene	10.0	10.4	104		70 - 130
tert-Butylbenzene	10.0	10.7	107		70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	11.1	111		70 - 130
Carbon Disulfide	100	108	108		70 - 130
Carbon Tetrachloride	10.0	10.8	108		70 - 130
Chlorobenzene	10.0	11.1	111		70 - 130
Chlorodibromomethane	10.0	11.9	119		70 - 130
Chloroethane	10.0	13.8	138	*	70 - 130
Chloroform	10.0	11.4	114		70 - 130
Chloromethane	10.0	12.8	128		40 - 160
2-Chlorotoluene	10.0	10.5	105		70 - 130
4-Chlorotoluene	10.0	10.6	106		70 - 130
Cyclohexane	10.0	11.2	112		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	8.52	85.2		70 - 130
1,2-Dibromoethane (EDB)	10.0	11.4	114		70 - 130
Dibromomethane	10.0	10.9	109		70 - 130
1,2-Dichlorobenzene	10.0	11.0	110		70 - 130
1,3-Dichlorobenzene	10.0	11.2	112		70 - 130
1,4-Dichlorobenzene	10.0	10.6	106		70 - 130
trans-1,4-Dichloro-2-butene	10.0	9.19	91.9		70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	11.6	116		40 - 160
1,1-Dichloroethane	10.0	11.3	113		70 - 130
1,2-Dichloroethane	10.0	11.0	110		70 - 130
1,1-Dichloroethylene	10.0	12.0	120		70 - 130
cis-1,2-Dichloroethylene	10.0	11.5	115		70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L1093
Client:	NYDEC_TRC Environmental Corporation- Clifton Par	Project:	Stuart Olver Holtz- CO SMPB0001
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B297031	Laboratory ID:	B297031-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	12.7	127	70 - 130
1,2,4-Trimethylbenzene	10.0	10.5	105	70 - 130
1,3,5-Trimethylbenzene	10.0	10.4	104	70 - 130
Vinyl Chloride	10.0	12.3	123	40 - 160
m+p Xylene	20.0	21.2	106	70 - 130
o-Xylene	10.0	11.0	110	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	97.5	97.5		6.56	25	70 - 160
Acrylonitrile	10.0	9.74	97.4		1.12	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	11.5	115		0.520	25	70 - 130
Benzene	10.0	11.5	115		0.435	25	70 - 130
Bromobenzene	10.0	11.4	114		9.05	25	70 - 130
Bromochloromethane	10.0	12.3	123		0.816	25	70 - 130
Bromodichloromethane	10.0	11.4	114		1.39	25	70 - 130
Bromoform	10.0	11.0	110		8.69	25	70 - 130
Bromomethane	10.0	14.3	143		4.14	25	40 - 160
2-Butanone (MEK)	100	85.4	85.4		8.28	25	40 - 160
tert-Butyl Alcohol (TBA)	100	84.7	84.7		4.12	25	40 - 160
n-Butylbenzene	10.0	9.25	92.5		3.82	25	70 - 130
sec-Butylbenzene	10.0	10.6	106		1.33	25	70 - 130
tert-Butylbenzene	10.0	10.8	108		0.932	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	11.1	111		0.0902	25	70 - 130
Carbon Disulfide	100	112	112		3.97	25	70 - 130
Carbon Tetrachloride	10.0	11.2	112		3.46	25	70 - 130
Chlorobenzene	10.0	11.4	114		2.58	25	70 - 130
Chlorodibromomethane	10.0	11.4	114		4.30	25	70 - 130
Chloroethane	10.0	14.3	143	*	3.13	25	70 - 130
Chloroform	10.0	11.6	116		1.65	25	70 - 130
Chloromethane	10.0	13.1	131		2.70	25	40 - 160
2-Chlorotoluene	10.0	11.1	111		5.63	25	70 - 130
4-Chlorotoluene	10.0	11.0	110		3.89	25	70 - 130
Cyclohexane	10.0	10.9	109		2.63	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	8.46	84.6		0.707	25	70 - 130

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L1093
Client:	NYDEC_TRC Environmental Corporation- Clifton Park	Project:	Stuart Olver Holtz- CO SMPB0001
Calibration:	1900192	Instrument:	GCMSVOA3
		Calibration Date:	5/16/2019 9:46:05AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
1,3-Dichlorobenzene	1.185068	4.1			20	
1,4-Dichlorobenzene	1.256354	3.7			20	
trans-1,4-Dichloro-2-butene	0.2217889	10.9			20	
Dichlorodifluoromethane (Freon 12)	0.489052	9.6			20	
1,1-Dichloroethane	0.8050564	4.4			20	
1,2-Dichloroethane	0.4085792	3.9			20	
1,1-Dichloroethylene	0.580623	5.4			20	
cis-1,2-Dichloroethylene	0.7003627	3.6			20	
trans-1,2-Dichloroethylene	0.6012956	6.5			20	
Dichlorofluoromethane (Freon 21)	0.7884529	6.3			20	
1,2-Dichloropropane	0.3162404	4.1			20	
1,3-Dichloropropane	0.5087606	5.0			20	
2,2-Dichloropropane	0.6030733	8.5			20	
1,1-Dichloropropene	0.5527761	4.2			20	
cis-1,3-Dichloropropene	0.4823059	5.4			20	
trans-1,3-Dichloropropene	0.4359988	8.6			20	
Diethyl Ether	0.3702305	8.8			20	
Difluorochloromethane (Freon 22)	0.5845926	6.2			20	
Diisopropyl Ether (DIPE)	1.74122	4.3			20	
1,4-Dioxane	4.635165E-03	12.8			20	
Ethanol	1.022466E-02	8.8			20	
Ethyl Acetate	0.6825754	13.0			20	
Ethylbenzene	2.545889	3.7			20	
Hexachlorobutadiene	0.2928132	10.3			20	
2-Hexanone (MBK)	0.3344099	6.3			20	
Iodomethane	0.4751547	14.3			20	
Isopropylbenzene (Cumene)	2.305934	3.8			20	
p-Isopropyltoluene (p-Cymene)	1.967049	3.7			20	
Methyl Acetate	0.5828072	13.5			20	
Methyl tert-Butyl Ether (MTBE)	1.31052	5.5			20	
Methyl Cyclohexane	0.3612119	7.0			20	

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L1093
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA3	Calibration:	1900192
Lab File ID:	C21V35008.D	Calibration Date:	05/16/19 09:46
Sequence:	S066530	Injection Date:	12/16/21
Lab Sample ID:	S066530-CCV1	Injection Time:	09:21

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	95.2	0.1881665	0.1791078		-4.8	20	
Acrylonitrile	A	10.0	9.16	0.2484221	0.2275609		-8.4	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	10.9	1.289385	1.400173		8.6	20	
Benzene	A	10.0	11.2	1.72594	1.929977		11.8	20	
Bromobenzene	A	10.0	9.40	1.057032	0.9934426		-6.0	20	
Bromochloromethane	A	10.0	11.4	0.4131035	0.4715963		14.2	20	
Bromodichloromethane	A	10.0	11.1	0.3780762	0.4200903		11.1	20	
Bromoform	A	10.0	9.48	0.4654726	0.4411073		-5.2	20	
Bromomethane	A	10.0	11.7	0.2847145	0.3319074		16.6	20	
2-Butanone (MEK)	A	100	81.4	0.3378563	0.2749777		-18.6	20	
tert-Butyl Alcohol (TBA)	A	100	82.0	7.238849E-02	5.936394E-02		-18.0	20	
n-Butylbenzene	A	10.0	9.38	1.769604	1.660055		-6.2	20	
sec-Butylbenzene	A	10.0	9.76	2.284017	2.228999		-2.4	20	
tert-Butylbenzene	A	10.0	10.1	1.618806	1.632243		0.8	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	10.1	1.451316	1.464467		0.9	20	
Carbon Disulfide	A	100	87.7	1.119853	0.9823492		-12.3	20	
Carbon Tetrachloride	A	10.0	10.2	0.4997097	0.5116492		2.4	20	
Chlorobenzene	A	10.0	10.6	1.478802	1.559944		5.5	20	
Chlorodibromomethane	A	10.0	11.4	0.3139765	0.3581136		14.1	20	
Chloroethane	A	10.0	13.0	0.2881543	0.3746849		30.0	20	*
Chloroform	A	10.0	10.7	0.7462329	0.8009319		7.3	20	
Chloromethane	A	10.0	11.2	0.6525361	0.732819		12.3	20	
2-Chlorotoluene	A	10.0	9.62	1.720424	1.655614		-3.8	20	
4-Chlorotoluene	A	10.0	9.16	1.958256	1.792824		-8.4	20	
Cyclohexane	A	10.0	9.81	0.7059876	0.6928169		-1.9	20	
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	8.12	0.1644986	0.1335997		-18.8	20	
1,2-Dibromoethane (EDB)	A	10.0	10.6	0.3046615	0.3241652		6.4	20	
Dibromomethane	A	10.0	10.2	0.1962563	0.2011483		2.5	20	
1,2-Dichlorobenzene	A	10.0	11.2	1.195438	1.340579		12.1	20	

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L1093
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA3	Calibration:	1900192
Lab File ID:	C21V35008.D	Calibration Date:	05/16/19 09:46
Sequence:	S066530	Injection Date:	12/16/21
Lab Sample ID:	S066530-CCV1	Injection Time:	09:21

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,3-Dichlorobenzene	A	10.0	10.5	1.185068	1.24297		4.9	20	
1,4-Dichlorobenzene	A	10.0	10.2	1.256354	1.283826		2.2	20	
trans-1,4-Dichloro-2-butene	A	10.0	8.04	0.2217889	0.1782555		-19.6	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	10.3	0.489052	0.5027627		2.8	20	
1,1-Dichloroethane	A	10.0	10.6	0.8050564	0.8509154		5.7	20	
1,2-Dichloroethane	A	10.0	10.4	0.4085792	0.424037		3.8	20	
1,1-Dichloroethylene	A	10.0	11.0	0.580623	0.6369771		9.7	20	
cis-1,2-Dichloroethylene	A	10.0	10.6	0.7003627	0.746136		6.5	20	
trans-1,2-Dichloroethylene	A	10.0	10.7	0.6012956	0.6420696		6.8	20	
1,2-Dichloropropane	A	10.0	10.8	0.3162404	0.3416244		8.0	20	
1,3-Dichloropropane	A	10.0	10.8	0.5087606	0.546987		7.5	20	
2,2-Dichloropropane	A	10.0	10.4	0.6030733	0.6295419		4.4	20	
1,1-Dichloropropene	A	10.0	9.74	0.5527761	0.5381814		-2.6	20	
cis-1,3-Dichloropropene	A	10.0	10.9	0.4823059	0.5254975		9.0	20	
trans-1,3-Dichloropropene	A	10.0	9.87	0.4359988	0.4303584		-1.3	20	
Diethyl Ether	A	10.0	10.3	0.3702305	0.3812543		3.0	20	
Diisopropyl Ether (DIPE)	A	10.0	10.7	1.74122	1.862323		7.0	20	
1,4-Dioxane	A	100	75.3	4.635165E-03	3.488489E-03		-24.7	20	*
Ethylbenzene	A	10.0	10.2	2.545889	2.585029		1.5	20	
Hexachlorobutadiene	A	10.0	9.17	0.2928132	0.2683979		-8.3	20	
2-Hexanone (MBK)	A	100	82.1	0.3344099	0.2746056		-17.9	20	
Isopropylbenzene (Cumene)	A	10.0	9.56	2.305934	2.203433		-4.4	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	9.23	1.967049	1.815969		-7.7	20	
Methyl Acetate	A	10.0	8.63	0.5828072	0.503221		-13.7	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	11.1	1.31052	1.460316		11.4	20	
Methyl Cyclohexane	A	10.0	8.92	0.3612119	0.3220414		-10.8	20	
Methylene Chloride	A	10.0	11.4	0.6164331	0.7057266		14.5	20	
4-Methyl-2-pentanone (MIBK)	A	100	85.6	0.4656019	0.3987647		-14.4	20	
Naphthalene	A	10.0	4.95	2.298426	1.136901		-50.5	20	*

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L1093
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA3	Calibration:	1900192
Lab File ID:	C21V35008.D	Calibration Date:	05/16/19 09:46
Sequence:	S066530	Injection Date:	12/16/21
Lab Sample ID:	S066530-CCV1	Injection Time:	09:21

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
n-Propylbenzene	A	10.0	9.15	2.710896	2.480946		-8.5	20	
Styrene	A	10.0	9.82	1.60354	1.575131		-1.8	20	
1,1,1,2-Tetrachloroethane	A	10.0	10.7	0.5280217	0.5660996		7.2	20	
1,1,2,2-Tetrachloroethane	A	10.0	9.30	0.8779885	0.8166409		-7.0	20	
Tetrachloroethylene	A	10.0	11.0	0.2684052	0.2942639		9.6	20	
Tetrahydrofuran	A	10.0	8.65	0.2017468	0.1744455		-13.5	20	
Toluene	A	10.0	11.2	1.159427	1.2933		11.5	20	
1,2,3-Trichlorobenzene	A	10.0	6.59	0.763704	0.5029199		-34.1	20	*
1,2,4-Trichlorobenzene	A	10.0	6.78	0.768892	0.521638		-32.2	20	*
1,3,5-Trichlorobenzene	A	10.0	8.75	0.816296	0.7145996		-12.5	20	
1,1,1-Trichloroethane	A	10.0	10.1	0.5962929	0.6008963		0.8	20	
1,1,2-Trichloroethane	A	10.0	11.0	0.2729421	0.3008696		10.2	20	
Trichloroethylene	A	10.0	10.5	0.264012	0.276972		4.9	20	
Trichlorofluoromethane (Freon 11)	A	10.0	10.9	0.5804948	0.6302294		8.6	20	
1,2,3-Trichloropropane	A	10.0	8.16	0.7335319	0.5983607		-18.4	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	11.9	0.3179614	0.3770275		18.6	20	
1,2,4-Trimethylbenzene	A	10.0	10.3	2.04495	2.113201		3.3	20	
1,3,5-Trimethylbenzene	A	10.0	9.20	1.923032	1.769224		-8.0	20	
Vinyl Chloride	A	10.0	10.9	0.5215649	0.5667762		8.7	20	
m+p Xylene	A	20.0	19.9	1.929171	1.922348		-0.4	20	
o-Xylene	A	10.0	10.4	1.987587	2.058985		3.6	20	
1,2-Dichloroethane-d4	A	25.0	25.9	0.5643226	0.5848089		3.6		
Toluene-d8	A	25.0	26.2	1.196284	1.252424		4.7		
4-Bromofluorobenzene	A	25.0	24.4	0.8899582	0.8690628		-2.3		

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L1093
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA3	Calibration:	1900192
Lab File ID:	C21V35062.D	Calibration Date:	05/16/19 09:46
Sequence:	S066607	Injection Date:	12/17/21
Lab Sample ID:	S066607-CCV1	Injection Time:	19:48

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,3-Dichlorobenzene	A	10.0	10.2	1.185068	1.20957		2.1	20	
1,4-Dichlorobenzene	A	10.0	9.96	1.256354	1.250985		-0.4	20	
trans-1,4-Dichloro-2-butene	A	10.0	9.48	0.2217889	0.2102587		-5.2	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	10.3	0.489052	0.5038371		3.0	20	
1,1-Dichloroethane	A	10.0	10.8	0.8050564	0.8688412		7.9	20	
1,2-Dichloroethane	A	10.0	10.8	0.4085792	0.4396617		7.6	20	
1,1-Dichloroethylene	A	10.0	10.3	0.580623	0.5991453		3.2	20	
cis-1,2-Dichloroethylene	A	10.0	11.0	0.7003627	0.7713003		10.1	20	
trans-1,2-Dichloroethylene	A	10.0	9.78	0.6012956	0.587958		-2.2	20	
1,2-Dichloropropane	A	10.0	10.5	0.3162404	0.3331122		5.3	20	
1,3-Dichloropropane	A	10.0	10.4	0.5087606	0.5273087		3.6	20	
2,2-Dichloropropane	A	10.0	9.85	0.6030733	0.5941759		-1.5	20	
1,1-Dichloropropene	A	10.0	9.99	0.5527761	0.5523315		-0.08	20	
cis-1,3-Dichloropropene	A	10.0	10.7	0.4823059	0.5142839		6.6	20	
trans-1,3-Dichloropropene	A	10.0	10.2	0.4359988	0.4452258		2.1	20	
Diethyl Ether	A	10.0	10.6	0.3702305	0.3904996		5.5	20	
Diisopropyl Ether (DIPE)	A	10.0	10.8	1.74122	1.889503		8.5	20	
1,4-Dioxane	A	100	94.7	4.635165E-03	4.388623E-03		-5.3	20	
Ethylbenzene	A	10.0	9.61	2.545889	2.4458		-3.9	20	
Hexachlorobutadiene	A	10.0	9.60	0.2928132	0.2810808		-4.0	20	
2-Hexanone (MBK)	A	100	89.4	0.3344099	0.2990298		-10.6	20	
Isopropylbenzene (Cumene)	A	10.0	9.81	2.305934	2.262905		-1.9	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	8.91	1.967049	1.752625		-10.9	20	
Methyl Acetate	A	10.0	8.79	0.5828072	0.5122636		-12.1	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	10.5	1.31052	1.381057		5.4	20	
Methyl Cyclohexane	A	10.0	8.51	0.3612119	0.3075014		-14.9	20	
Methylene Chloride	A	10.0	10.6	0.6164331	0.6508807		5.6	20	
4-Methyl-2-pentanone (MIBK)	A	100	96.6	0.4656019	0.4498715		-3.4	20	
Naphthalene	A	10.0	5.23	2.298426	1.202112		-47.7	20	*

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L1093
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA3	Calibration:	1900192
Lab File ID:	C21V35062.D	Calibration Date:	05/16/19 09:46
Sequence:	S066607	Injection Date:	12/17/21
Lab Sample ID:	S066607-CCV1	Injection Time:	19:48

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
n-Propylbenzene	A	10.0	9.45	2.710896	2.560489		-5.5	20	
Styrene	A	10.0	10.3	1.60354	1.647761		2.8	20	
1,1,1,2-Tetrachloroethane	A	10.0	10.6	0.5280217	0.5604469		6.1	20	
1,1,2,2-Tetrachloroethane	A	10.0	10.0	0.8779885	0.8801315		0.2	20	
Tetrachloroethylene	A	10.0	10.2	0.2684052	0.2724865		1.5	20	
Tetrahydrofuran	A	10.0	10.5	0.2017468	0.2119107		5.0	20	
Toluene	A	10.0	10.5	1.159427	1.219551		5.2	20	
1,2,3-Trichlorobenzene	A	10.0	6.59	0.763704	0.5029006		-34.1	20	*
1,2,4-Trichlorobenzene	A	10.0	6.67	0.768892	0.5126071		-33.3	20	*
1,3,5-Trichlorobenzene	A	10.0	8.60	0.816296	0.70214		-14.0	20	
1,1,1-Trichloroethane	A	10.0	10.7	0.5962929	0.638613		7.1	20	
1,1,2-Trichloroethane	A	10.0	11.3	0.2729421	0.3094606		13.4	20	
Trichloroethylene	A	10.0	10.5	0.264012	0.2768437		4.9	20	
Trichlorofluoromethane (Freon 11)	A	10.0	10.4	0.5804948	0.6040188		4.1	20	
1,2,3-Trichloropropane	A	10.0	9.45	0.7335319	0.6928297		-5.5	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.5	0.3179614	0.3331226		4.8	20	
1,2,4-Trimethylbenzene	A	10.0	9.87	2.04495	2.018959		-1.3	20	
1,3,5-Trimethylbenzene	A	10.0	9.49	1.923032	1.825678		-5.1	20	
Vinyl Chloride	A	10.0	10.7	0.5215649	0.5595576		7.3	20	
m+p Xylene	A	20.0	19.2	1.929171	1.854818		-3.9	20	
o-Xylene	A	10.0	10.1	1.987587	2.001786		0.7	20	
1,2-Dichloroethane-d4	A	25.0	27.0	0.5643226	0.6098477		8.1		
Toluene-d8	A	25.0	26.3	1.196284	1.256858		5.1		
4-Bromofluorobenzene	A	25.0	25.1	0.8899582	0.8920348		0.2		

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Stuart Olver Holtz #48022480
Con-Test Analytical Laboratory SDG#21L0631
February 9, 2022
Sampling date: 12/7, 8/2021

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for TRC, project located at Stuart Olver Holtz #48022480, Con-Test Analytical Laboratory SDG#21L0631-1 submitted to Vali-Data of WNY, LLC on January 1, 2022. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analysis using USEPA method Volatile Organics (8260D).

ID	Sample ID	Laboratory ID
1	SOH-DGW-10(22-26)	21L0631-01
2	Trip Blank	21L0631-02
3	SOH-DGW-21(22-26)	21L0631-03
4	SOH-DGW-16(8-12)	21L0631-04
5	SOH-DGW-16(17-21)	21L0631-05
6	SOH-DGW-08(7-11)	21L0631-06
7	SOH-DGW-08(11-15)	21L0631-07
8	SOH-DGW-12(7-11)	21L0631-08
9	SOH-DGW-05(7-11)	21L0631-09
10	SOH-DGW-EB-2	21L0631-10
11	SOH-DGW-DUP-2	21L0631-11
12	SOH-DGW-05(12-16)	21L0631-12
13	SOH-DGW-05(29-33)	21L0631-13
14	SOH-DGW-13(12-16)	21L0631-14
15	SOH-DGW-13(7-11)	21L0631-15
16	SOH-DGW-14(9-13)	21L0631-16
17	SOH-DGW-14(21-15)	21L0631-17
18	SOH-DGW-15(9-13)	21L0631-18
19	SOH-DGW-15(21-25)	21L0631-19

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports
-Holding Times
-Internal Standard (IS) Area Performance
-Surrogate Spike Recoveries
-Method Blank
-Field Duplicate Sample Precision
-Laboratory Control Samples

-MS/MSD
-Compound Quantitation
-Initial Calibration
-Continuing Calibration
-GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in MS/MSD, Initial Calibration and Continuing Calibration.

Samples: 3-5, 8, 12-16, 16-18 were diluted due to high target analyte concentrations.
Sample: 7 was diluted due to foaming.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.
Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met except the pH of several samples was outside QC limits. Those samples were analyzed within the 7-day window, so no further action is required.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All criteria were met except Benzene, trans-1,2-Dichloroethane, Vinyl chloride, m&p-Xylene and o-Xylene were detected in SOH-DGW-DUP-2 but were not detected in SOH-DGW-05(7-11).

LABORATORY CONTROL SAMPLES
All criteria were met.

MS/MSD
All criteria were met except the %Rec of Vinyl Chloride was outside QC limits, low in SOH-DGW-12(7-11)MS/MSD and should be qualified as estimated in SOH-DGW-12(7-11) and SOH-DGW-12(7-11)MS/MSD.
Some target analytes were outside QC limits in the matrix spike or the matrix spike duplicate but not both, so no further action is required.

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION
All criteria were met except the RRF of Bromodichloromethane, Chlorodibromomethane, 1,2-Dibromoethane, 1,2-Dichloropropane, cis-1,3-Dichloropropene, 1,4-Dioxane, 1,1,2-Trichloroethane, Trichloroethene, 1,2,3-Trichlorobenzene and 1,2,4-Trichlorobenzene were outside QC limits in the initial calibration. These target analytes should be qualified as estimated in the blanks, samples and spikes.
Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION
All criteria were met except several target analytes were outside QC limits in the continuing calibrations and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	%D/RRF(*)	Qualifier	Associated Sample
S066302	Vinyl Chloride	-39.3	UJ/J	B296581-BLK1,BS1,BSD1, 2-19, 8MS/MSD
S066340	Chloromethane	-32.7	UJ/J	B296684-BLK1,BS1,BSD1, 1, 19RE
S066340	Vinyl Chloride	-49.4	UJ/J	B296684-BLK1,BS1,BSD1, 1
S066302, S066340	Bromodichloromethane	*	UJ/J	All blanks, samples, spikes
S066302, S066340	Chlorodibromomethane	*	UJ/J	All blanks, samples, spikes
S066302, S066340	1,2-Dibromoethane	*	UJ/J	All blanks, samples, spikes
S066302, S066340	1,2-Dichloropropane	*	UJ/J	All blanks, samples, spikes
S066302, S066340	cis-1,3-Dichloropropene	*	UJ/J	All blanks, samples, spikes
S066302, S066340	1,4-Dioxane	*	UJ/J	All blanks, samples, spikes

CCal ID	Target Analyte	%D/RRF(*)	Qualifier	Associated Sample
S066302, S066340	1,1,2-Trichloroethane	*	UJ/J	All blanks, samples, spikes
S066302, S066340	1,2,3-Trichlorobenzene	*	UJ/J	All blanks, samples, spikes
S066302, S066340	1,2,4-Trichlorobenzene	*	UJ/J	All blanks, samples, spikes

GC/MS PERFORMANCE CHECK

All criteria were met.

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For 8260 Tentatively Identified Compounds (TICs) results will not include calibrated compounds that were not requested.

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SW-846 8260D

Qualifications:

DL-01

Elevated reporting limits for all volatile compounds due to foaming sample matrix.

Analyte & Samples(s) Qualified:

21L0631-07[SOH-DGW-08 (11-15)]

MS-09

Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Vinyl Chloride
21L0631-08[SOH-DGW-12 (7-11)], B296581-MS1, B296581-MSD1

MS-22

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

Analyte & Samples(s) Qualified:

Methyl Acetate
B296581-MSD1

Trichloroethylene
B296581-MSD1

PR-06

pH of sample (pH 3) is outside of method specified preservation criteria.

Analyte & Samples(s) Qualified:

21L0631-19RE1[SOH-DGW-15 (21-25)]

PR-07

pH of sample (pH 4) is outside of method specified preservation criteria.

Analyte & Samples(s) Qualified:

21L0631-14[SOH-DGW-13 (12-16)]

PR-08

pH of sample (pH 5) is outside of method specified preservation criteria.

Analyte & Samples(s) Qualified:

21L0631-01[SOH-DGW-10(22-26)], 21L0631-03[SOH-DGW-21 (22-26)], 21L0631-07[SOH-DGW-08 (11-15)], 21L0631-08[SOH-DGW-12 (7-11)], 21L0631-15[SOH-DGW-13 (7-11)], 21L0631-17[SOH-DGW-14 (21-15)]

PR-09

pH of sample (pH 6) is outside of method specified preservation criteria.

Analyte & Samples(s) Qualified:

21L0631-05[SOH-DGW-16 (17-21)]

PR-10

pH of sample (pH 7) is outside of method specified preservation criteria.

Analyte & Samples(s) Qualified:

21L0631-04[SOH-DGW-16(8-12)]

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

21L0631-03[SOH-DGW-21 (22-26)], 21L0631-04[SOH-DGW-16(8-12)], 21L0631-05[SOH-DGW-16 (17-21)], 21L0631-08[SOH-DGW-12 (7- 11)], 21L0631-12[SOH-DGW-05 (12-16)], 21L0631-13[SOH-DGW-05 (29-33)], 21L0631-14[SOH-DGW-13 (12-16)], 21L0631-16[SOH-DGW-14 (9-13)], 21L0631-17[SOH-DGW-14 (21-15)], 21L0631-18[SOH-DGW-15 (9-13)]

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V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

Acetone

21L0631-02[TRIP BLANK], 21L0631-03[SOH-DGW-21 (22-26)], 21L0631-04[SOH-DGW-16(8-12)], 21L0631-05[SOH-DGW-16 (17-21)], 21L0631-06[SOH-DGW-08 (7-11)], 21L0631-07[SOH-DGW-08 (11-15)], 21L0631-08[SOH-DGW-12 (7-11)], 21L0631-09[SOH-DGW-05 (7-11)], 21L0631-10[SOH-DGW-EB-2], 21L0631-11[SOH-DGW-DUP-2], 21L0631-12[SOH-DGW-05 (12-16)], 21L0631-13[SOH-DGW-05 (29-33)], 21L0631-14[SOH-DGW-13 (12-16)], 21L0631-15[SOH-DGW-13 (7-11)], 21L0631-16[SOH-DGW-14 (9-13)], 21L0631-17[SOH-DGW-14 (21-15)], 21L0631-18[SOH-DGW-15 (9-13)], 21L0631-19[SOH-DGW-15 (21-25)], B296581-BLK1, B296581-BS1, B296581-BSD1, B296581-MS1, B296581-MSD1, S066302-CCV1

Bromomethane

21L0631-02[TRIP BLANK], 21L0631-03[SOH-DGW-21 (22-26)], 21L0631-04[SOH-DGW-16(8-12)], 21L0631-05[SOH-DGW-16 (17-21)], 21L0631-06[SOH-DGW-08 (7-11)], 21L0631-07[SOH-DGW-08 (11-15)], 21L0631-08[SOH-DGW-12 (7-11)], 21L0631-09[SOH-DGW-05 (7-11)], 21L0631-10[SOH-DGW-EB-2], 21L0631-11[SOH-DGW-DUP-2], 21L0631-12[SOH-DGW-05 (12-16)], 21L0631-13[SOH-DGW-05 (29-33)], 21L0631-14[SOH-DGW-13 (12-16)], 21L0631-15[SOH-DGW-13 (7-11)], 21L0631-16[SOH-DGW-14 (9-13)], 21L0631-17[SOH-DGW-14 (21-15)], 21L0631-18[SOH-DGW-15 (9-13)], 21L0631-19[SOH-DGW-15 (21-25)], B296581-BLK1, B296581-BS1, B296581-BSD1, B296581-MS1, B296581-MSD1, S066302-CCV1

Chloromethane

21L0631-01[SOH-DGW-10(22-26)], B296684-BLK1, B296684-BS1, B296684-BSD1, S066340-CCV1

Methyl Acetate

21L0631-01[SOH-DGW-10(22-26)], 21L0631-02[TRIP BLANK], 21L0631-03[SOH-DGW-21 (22-26)], 21L0631-04[SOH-DGW-16(8-12)], 21L0631-05[SOH-DGW-16 (17-21)], 21L0631-06[SOH-DGW-08 (7-11)], 21L0631-07[SOH-DGW-08 (11-15)], 21L0631-08[SOH-DGW-12 (7-11)], 21L0631-09[SOH-DGW-05 (7-11)], 21L0631-10[SOH-DGW-EB-2], 21L0631-11[SOH-DGW-DUP-2], 21L0631-12[SOH-DGW-05 (12-16)], 21L0631-13[SOH-DGW-05 (29-33)], 21L0631-14[SOH-DGW-13 (12-16)], 21L0631-15[SOH-DGW-13 (7-11)], 21L0631-16[SOH-DGW-14 (9-13)], 21L0631-17[SOH-DGW-14 (21-15)], 21L0631-18[SOH-DGW-15 (9-13)], 21L0631-19[SOH-DGW-15 (21-25)], B296581-BLK1, B296581-BS1, B296581-BSD1, B296581-MS1, B296581-MSD1, B296684-BLK1, B296684-BS1, B296684-BSD1, S066302-CCV1, S066340-CCV1

Vinyl Chloride

21L0631-01[SOH-DGW-10(22-26)], 21L0631-02[TRIP BLANK], 21L0631-03[SOH-DGW-21 (22-26)], 21L0631-04[SOH-DGW-16(8-12)], 21L0631-05[SOH-DGW-16 (17-21)], 21L0631-06[SOH-DGW-08 (7-11)], 21L0631-07[SOH-DGW-08 (11-15)], 21L0631-08[SOH-DGW-12 (7-11)], 21L0631-09[SOH-DGW-05 (7-11)], 21L0631-10[SOH-DGW-EB-2], 21L0631-11[SOH-DGW-DUP-2], 21L0631-12[SOH-DGW-05 (12-16)], 21L0631-13[SOH-DGW-05 (29-33)], 21L0631-14[SOH-DGW-13 (12-16)], 21L0631-15[SOH-DGW-13 (7-11)], 21L0631-16[SOH-DGW-14 (9-13)], 21L0631-17[SOH-DGW-14 (21-15)], 21L0631-18[SOH-DGW-15 (9-13)], 21L0631-19[SOH-DGW-15 (21-25)], B296581-BLK1, B296581-BS1, B296581-BSD1, B296581-MS1, B296581-MSD1, B296684-BLK1, B296684-BS1, B296684-BSD1, S066302-CCV1, S066340-CCV1

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

con-test® A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-10(22-26) | Sampled: 12/7/2021 08:00

Sample ID: 21L0631-01

Sample Matrix: Ground Water

Sample Flags: PR-08

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	15	50	2.4	µg/L	1	J	SW-846 8260D	12/13/21	12/13/21 16:15	EEH
Benzene	0.38	1.0	0.13	µg/L	1	J	SW-846 8260D	12/13/21	12/13/21 16:15	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
2-Butanone (MEK)	3.2	20	1.9	µg/L	1	J	SW-846 8260D	12/13/21	12/13/21 16:15	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
Chloroethane	1.2	2.0	0.37	µg/L	1	J	SW-846 8260D	12/13/21	12/13/21 16:15	EEH
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
Chloromethane	ND	2.0	0.38	µg/L	1	V-05	SW-846 8260D	12/13/21	12/13/21 16:15	EEH
Cyclohexane	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
1,1-Dichloroethane	44	1.0	0.16	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
1,1-Dichloroethylene	3.2	1.0	0.16	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
cis-1,2-Dichloroethylene	3.8	1.0	0.15	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
1,4-Dioxane	340	50	22	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/13/21	12/13/21 16:15	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
Toluene	0.35	1.0	0.11	µg/L	1	J	SW-846 8260D	12/13/21	12/13/21 16:15	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-10(22-26) | Sampled: 12/7/2021 08:00

Sample ID: 21L0631-01

Sample Matrix: Ground Water

Sample Flags: PR-08

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	6.6	1.0	0.17	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
Trichloroethylene	11	1.0	0.18	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.1	1.0	0.24	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH
Vinyl Chloride	0.83	2.0	0.20	µg/L	1	V-05, J	SW-846 8260D	12/13/21	12/13/21 16:15	EEH
m+p Xylene	0.21	2.0	0.18	µg/L	1	J	SW-846 8260D	12/13/21	12/13/21 16:15	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/13/21	12/13/21 16:15	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		12/13/21 16:15
Toluene-d8	99.9	70-130		12/13/21 16:15
4-Bromofluorobenzene	97.7	70-130		12/13/21 16:15

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Project Location: Henrietta, NY
Sample Description:
Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-10(22-26)
Sampled: 12/7/2021 08:00

Sample ID: 21L0631-01

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/13/21	12/13/21 16:15	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: TRIP BLANK | Sampled: 12/7/2021 07:50

Sample ID: 21L0631-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1	V-05	SW-846 8260D	12/10/21	12/11/21 3:20	EEH
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
Bromomethane	ND	2.0	1.1	µg/L	1	V-05	SW-846 8260D	12/10/21	12/11/21 3:20	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
Cyclohexane	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/10/21	12/11/21 3:20	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: TRIP BLANK | Sampled: 12/7/2021 07:50

Sample ID: 21L0631-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
Vinyl Chloride	ND	2.0	0.20	µg/L	1	V-05	SW-846 8260D	12/10/21	12/11/21 3:20	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:20	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	99.4	70-130		12/11/21 3:20	
Toluene-d8	99.7	70-130		12/11/21 3:20	
4-Bromofluorobenzene	97.3	70-130		12/11/21 3:20	

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: TRIP BLANK | Sampled: 12/7/2021 07:50

Sample ID: 21L0631-02

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/10/21	12/11/21 3:20	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-21 (22-26) | Sampled: 12/7/2021 08:40

Sample ID: 21L0631-03

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	130	2500	120	µg/L	50	V-05, J	SW-846 8260D	12/10/21	12/11/21 7:24	EEH
Benzene	ND	50	6.5	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
Bromochloromethane	ND	50	18	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
Bromodichloromethane	ND	25	7.0	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
Bromoform	ND	50	14	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
Bromomethane	ND	100	54	µg/L	50	V-05	SW-846 8260D	12/10/21	12/11/21 7:24	EEH
2-Butanone (MEK)	280	1000	94	µg/L	50	J	SW-846 8260D	12/10/21	12/11/21 7:24	EEH
Carbon Disulfide	ND	250	76	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
Carbon Tetrachloride	ND	250	8.5	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
Chlorobenzene	ND	50	4.0	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
Chlorodibromomethane	ND	25	8.0	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
Chloroethane	ND	100	18	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
Chloroform	ND	100	9.5	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
Chloromethane	ND	100	19	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
Cyclohexane	ND	250	76	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	250	36	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
1,2-Dibromoethane (EDB)	ND	25	7.5	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
1,2-Dichlorobenzene	ND	50	5.0	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
1,3-Dichlorobenzene	ND	50	4.5	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
1,4-Dichlorobenzene	ND	50	5.5	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
Dichlorodifluoromethane (Freon 12)	ND	100	10	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
1,1-Dichloroethane	4800	50	8.0	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
1,2-Dichloroethane	ND	50	16	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
1,1-Dichloroethylene	30	50	8.0	µg/L	50	J	SW-846 8260D	12/10/21	12/11/21 7:24	EEH
cis-1,2-Dichloroethylene	74	50	7.5	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
trans-1,2-Dichloroethylene	ND	50	8.5	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
1,2-Dichloropropane	ND	50	9.0	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
cis-1,3-Dichloropropene	ND	25	6.0	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
trans-1,3-Dichloropropene	ND	25	7.5	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
1,4-Dioxane	ND	2500	1100	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
Ethylbenzene	ND	50	4.5	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
2-Hexanone (MBK)	ND	500	70	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
Isopropylbenzene (Cumene)	ND	50	5.0	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
Methyl Acetate	25	50	20	µg/L	50	V-05, J	SW-846 8260D	12/10/21	12/11/21 7:24	EEH
Methyl tert-Butyl Ether (MTBE)	ND	50	8.5	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
Methyl Cyclohexane	ND	50	16	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
Methylene Chloride	ND	250	15	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
4-Methyl-2-pentanone (MIBK)	ND	500	81	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
Styrene	ND	50	4.0	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
1,1,2,2-Tetrachloroethane	ND	25	4.5	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
Tetrachloroethylene	ND	50	10	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
Toluene	ND	50	5.5	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
1,2,3-Trichlorobenzene	ND	250	7.0	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
1,2,4-Trichlorobenzene	ND	50	8.0	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-21 (22-26) | Sampled: 12/7/2021 08:40

Sample ID: 21L0631-03

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	610	50	8.5	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
1,1,2-Trichloroethane	ND	50	7.5	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
Trichloroethylene	100	50	9.0	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
Trichlorofluoromethane (Freon 11)	ND	100	9.5	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	50	12	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
Vinyl Chloride	34	100	10	µg/L	50	V-05, J	SW-846 8260D	12/10/21	12/11/21 7:24	EEH
m+p Xylene	ND	100	9.0	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH
o-Xylene	ND	50	4.5	µg/L	50		SW-846 8260D	12/10/21	12/11/21 7:24	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	102	70-130		12/11/21 7:24	
Toluene-d8	99.2	70-130		12/11/21 7:24	
4-Bromofluorobenzene	96.8	70-130		12/11/21 7:24	

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-21 (22-26) | Sampled: 12/7/2021 08:40

Sample ID: 21L0631-03

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			50			SW-846 8260D	12/10/21	12/11/21 7:24	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-16(8-12) | Sampled: 12/7/2021 09:50

Sample ID: 21L0631-04

Sample Matrix: Ground Water

Sample Flags: PR-10, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	20000	940	µg/L	400	V-05	SW-846 8260D	12/10/21	12/11/21 7:51	EEH
Benzene	ND	400	52	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
Bromochloromethane	ND	400	140	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
Bromodichloromethane	ND	200	56	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
Bromoform	ND	400	120	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
Bromomethane	ND	800	430	µg/L	400	V-05	SW-846 8260D	12/10/21	12/11/21 7:51	EEH
2-Butanone (MEK)	ND	8000	750	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
Carbon Disulfide	ND	2000	610	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
Carbon Tetrachloride	ND	2000	68	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
Chlorobenzene	ND	400	32	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
Chlorodibromomethane	ND	200	64	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
Chloroethane	ND	800	150	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
Chloroform	ND	800	76	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
Chloromethane	ND	800	150	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
Cyclohexane	ND	2000	610	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	2000	290	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
1,2-Dibromoethane (EDB)	ND	200	60	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
1,2-Dichlorobenzene	ND	400	40	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
1,3-Dichlorobenzene	ND	400	36	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
1,4-Dichlorobenzene	ND	400	44	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
Dichlorodifluoromethane (Freon 12)	ND	800	80	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
1,1-Dichloroethane	3400	400	64	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
1,2-Dichloroethane	ND	400	130	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
1,1-Dichloroethylene	1700	400	64	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
cis-1,2-Dichloroethylene	4200	400	60	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
trans-1,2-Dichloroethylene	ND	400	68	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
1,2-Dichloropropane	ND	400	72	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
cis-1,3-Dichloropropene	ND	200	48	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
trans-1,3-Dichloropropene	ND	200	60	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
1,4-Dioxane	ND	20000	8600	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
Ethylbenzene	ND	400	36	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
2-Hexanone (MBK)	ND	4000	560	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
Isopropylbenzene (Cumene)	ND	400	40	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
Methyl Acetate	ND	400	160	µg/L	400	V-05	SW-846 8260D	12/10/21	12/11/21 7:51	EEH
Methyl tert-Butyl Ether (MTBE)	ND	400	68	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
Methyl Cyclohexane	ND	400	130	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
Methylene Chloride	ND	2000	120	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
4-Methyl-2-pentanone (MIBK)	ND	4000	650	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
Styrene	ND	400	32	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
1,1,2,2-Tetrachloroethane	ND	200	36	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
Tetrachloroethylene	700	400	80	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
Toluene	ND	400	44	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
1,2,3-Trichlorobenzene	ND	2000	56	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
1,2,4-Trichlorobenzene	ND	400	64	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-16(8-12) | Sampled: 12/7/2021 09:50

Sample ID: 21L0631-04

Sample Matrix: Ground Water

Sample Flags: PR-10, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	25000	400	68	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
1,1,2-Trichloroethane	ND	400	60	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
Trichloroethylene	6200	400	72	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
Trichlorofluoromethane (Freon 11)	ND	800	76	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	400	96	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
Vinyl Chloride	150	800	80	µg/L	400	V-05, J	SW-846 8260D	12/10/21	12/11/21 7:51	EEH
m+p Xylene	ND	800	72	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH
o-Xylene	ND	400	36	µg/L	400		SW-846 8260D	12/10/21	12/11/21 7:51	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	102	70-130		12/11/21 7:51	
Toluene-d8	101	70-130		12/11/21 7:51	
4-Bromofluorobenzene	97.4	70-130		12/11/21 7:51	

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-16(8-12) | Sampled: 12/7/2021 09:50

Sample ID: 21L0631-04

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			400			SW-846 8260D	12/10/21	12/11/21 7:51	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-16 (17-21) | Sampled: 12/7/2021 11:00

Sample ID: 21L0631-05

Sample Matrix: Ground Water

Sample Flags: PR-09, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	120	500	24	µg/L	10	V-05, J	SW-846 8260D	12/10/21	12/11/21 8:19	EEH
Benzene	1.7	10	1.3	µg/L	10	J	SW-846 8260D	12/10/21	12/11/21 8:19	EEH
Bromochloromethane	ND	10	3.6	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
Bromodichloromethane	ND	5.0	1.4	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
Bromoform	ND	10	2.9	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
Bromomethane	ND	20	11	µg/L	10	V-05	SW-846 8260D	12/10/21	12/11/21 8:19	EEH
2-Butanone (MEK)	160	200	19	µg/L	10	J	SW-846 8260D	12/10/21	12/11/21 8:19	EEH
Carbon Disulfide	ND	50	15	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
Carbon Tetrachloride	ND	50	1.7	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
Chlorobenzene	ND	10	0.80	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
Chlorodibromomethane	ND	5.0	1.6	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
Chloroethane	4.7	20	3.7	µg/L	10	J	SW-846 8260D	12/10/21	12/11/21 8:19	EEH
Chloroform	ND	20	1.9	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
Chloromethane	ND	20	3.8	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
Cyclohexane	ND	50	15	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	50	7.2	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
1,2-Dibromoethane (EDB)	ND	5.0	1.5	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
1,2-Dichlorobenzene	ND	10	1.0	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
1,3-Dichlorobenzene	ND	10	0.90	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
1,4-Dichlorobenzene	ND	10	1.1	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
Dichlorodifluoromethane (Freon 12)	ND	20	2.0	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
1,1-Dichloroethane	660	10	1.6	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
1,2-Dichloroethane	ND	10	3.2	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
1,1-Dichloroethylene	23	10	1.6	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
cis-1,2-Dichloroethylene	420	10	1.5	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
trans-1,2-Dichloroethylene	ND	10	1.7	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
1,2-Dichloropropane	ND	10	1.8	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
cis-1,3-Dichloropropene	ND	5.0	1.2	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
trans-1,3-Dichloropropene	ND	5.0	1.5	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
1,4-Dioxane	660	500	220	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
Ethylbenzene	ND	10	0.90	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
2-Hexanone (MBK)	ND	100	14	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
Isopropylbenzene (Cumene)	ND	10	1.0	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
Methyl Acetate	32	10	3.9	µg/L	10	V-05	SW-846 8260D	12/10/21	12/11/21 8:19	EEH
Methyl tert-Butyl Ether (MTBE)	ND	10	1.7	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
Methyl Cyclohexane	ND	10	3.3	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
Methylene Chloride	ND	50	3.0	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
4-Methyl-2-pentanone (MIBK)	ND	100	16	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
Styrene	ND	10	0.80	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
1,1,2,2-Tetrachloroethane	ND	5.0	0.90	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
Tetrachloroethylene	9.0	10	2.0	µg/L	10	J	SW-846 8260D	12/10/21	12/11/21 8:19	EEH
Toluene	5.6	10	1.1	µg/L	10	J	SW-846 8260D	12/10/21	12/11/21 8:19	EEH
1,2,3-Trichlorobenzene	ND	50	1.4	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
1,2,4-Trichlorobenzene	ND	10	1.6	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-16 (17-21) | Sampled: 12/7/2021 11:00

Sample ID: 21L0631-05

Sample Matrix: Ground Water

Sample Flags: PR-09, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	170	10	1.7	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
1,1,2-Trichloroethane	ND	10	1.5	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
Trichloroethylene	43	10	1.8	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
Trichlorofluoromethane (Freon 11)	ND	20	1.9	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	10	2.4	µg/L	10		SW-846 8260D	12/10/21	12/11/21 8:19	EEH
Vinyl Chloride	ND	20	2.0	µg/L	10	V-05	SW-846 8260D	12/10/21	12/11/21 8:19	EEH
m+p Xylene	2.4	20	1.8	µg/L	10	J	SW-846 8260D	12/10/21	12/11/21 8:19	EEH
o-Xylene	1.1	10	0.90	µg/L	10	J	SW-846 8260D	12/10/21	12/11/21 8:19	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	103	70-130		12/11/21 8:19	
Toluene-d8	100	70-130		12/11/21 8:19	
4-Bromofluorobenzene	99.0	70-130		12/11/21 8:19	

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-16 (17-21) | Sampled: 12/7/2021 11:00

Sample ID: 21L0631-05

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			10			SW-846 8260D	12/10/21	12/11/21 8:19	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-08 (7-11) | Sampled: 12/7/2021 11:30

Sample ID: 21L0631-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1	V-05	SW-846 8260D	12/10/21	12/11/21 6:30	EEH
Benzene	0.41	1.0	0.13	µg/L	1	J	SW-846 8260D	12/10/21	12/11/21 6:30	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
Bromomethane	ND	2.0	1.1	µg/L	1	V-05	SW-846 8260D	12/10/21	12/11/21 6:30	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
Chloroethane	1.5	2.0	0.37	µg/L	1	J	SW-846 8260D	12/10/21	12/11/21 6:30	EEH
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
Cyclohexane	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
1,1-Dichloroethane	110	1.0	0.16	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
1,1-Dichloroethylene	11	1.0	0.16	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
cis-1,2-Dichloroethylene	44	1.0	0.15	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
trans-1,2-Dichloroethylene	0.39	1.0	0.17	µg/L	1	J	SW-846 8260D	12/10/21	12/11/21 6:30	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
1,4-Dioxane	1100	50	22	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/10/21	12/11/21 6:30	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
Tetrachloroethylene	8.2	1.0	0.20	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
Toluene	0.55	1.0	0.11	µg/L	1	J	SW-846 8260D	12/10/21	12/11/21 6:30	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-08 (7-11) | Sampled: 12/7/2021 11:30

Sample ID: 21L0631-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	90	1.0	0.17	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
Trichloroethylene	30	1.0	0.18	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:30	EEH
Vinyl Chloride	2.8	2.0	0.20	µg/L	1	V-05	SW-846 8260D	12/10/21	12/11/21 6:30	EEH
m+p Xylene	0.37	2.0	0.18	µg/L	1	J	SW-846 8260D	12/10/21	12/11/21 6:30	EEH
o-Xylene	0.19	1.0	0.090	µg/L	1	J	SW-846 8260D	12/10/21	12/11/21 6:30	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	102	70-130		12/11/21	6:30
Toluene-d8	99.9	70-130		12/11/21	6:30
4-Bromofluorobenzene	99.9	70-130		12/11/21	6:30

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-08 (7-11) | Sampled: 12/7/2021 11:30

Sample ID: 21L0631-06

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/10/21	12/11/21 6:30	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-08 (11-15) | Sampled: 12/7/2021 12:00

Sample ID: 21L0631-07

Sample Matrix: Ground Water

Sample Flags: DL-01, PR-08

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	100	4.7	µg/L	2	V-05	SW-846 8260D	12/10/21	12/11/21 4:41	EEH
Benzene	0.68	2.0	0.26	µg/L	2	J	SW-846 8260D	12/10/21	12/11/21 4:41	EEH
Bromochloromethane	ND	2.0	0.72	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
Bromodichloromethane	ND	1.0	0.28	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
Bromoform	ND	2.0	0.58	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
Bromomethane	ND	4.0	2.1	µg/L	2	V-05	SW-846 8260D	12/10/21	12/11/21 4:41	EEH
2-Butanone (MEK)	7.3	40	3.8	µg/L	2	J	SW-846 8260D	12/10/21	12/11/21 4:41	EEH
Carbon Disulfide	ND	10	3.0	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
Carbon Tetrachloride	ND	10	0.34	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
Chlorobenzene	ND	2.0	0.16	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
Chlorodibromomethane	ND	1.0	0.32	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
Chloroethane	ND	4.0	0.74	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
Chloroform	ND	4.0	0.38	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
Chloromethane	ND	4.0	0.76	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
Cyclohexane	ND	10	3.1	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	1.4	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
1,2-Dibromoethane (EDB)	ND	1.0	0.30	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
1,2-Dichlorobenzene	ND	2.0	0.20	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
1,3-Dichlorobenzene	ND	2.0	0.18	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
1,4-Dichlorobenzene	ND	2.0	0.22	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
Dichlorodifluoromethane (Freon 12)	ND	4.0	0.40	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
1,1-Dichloroethane	19	2.0	0.32	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
1,2-Dichloroethane	ND	2.0	0.64	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
1,1-Dichloroethylene	1.3	2.0	0.32	µg/L	2	J	SW-846 8260D	12/10/21	12/11/21 4:41	EEH
cis-1,2-Dichloroethylene	9.1	2.0	0.30	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
trans-1,2-Dichloroethylene	ND	2.0	0.34	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
1,2-Dichloropropane	ND	2.0	0.36	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
cis-1,3-Dichloropropene	ND	1.0	0.24	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
trans-1,3-Dichloropropene	ND	1.0	0.30	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
1,4-Dioxane	400	100	43	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
Ethylbenzene	ND	2.0	0.18	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
2-Hexanone (MBK)	ND	20	2.8	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
Isopropylbenzene (Cumene)	ND	2.0	0.20	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
Methyl Acetate	ND	2.0	0.78	µg/L	2	V-05	SW-846 8260D	12/10/21	12/11/21 4:41	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.34	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
Methyl Cyclohexane	ND	2.0	0.66	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
Methylene Chloride	ND	10	0.60	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
4-Methyl-2-pentanone (MIBK)	ND	20	3.2	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
Styrene	ND	2.0	0.16	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
1,1,2,2-Tetrachloroethane	ND	1.0	0.18	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
Tetrachloroethylene	1.4	2.0	0.40	µg/L	2	J	SW-846 8260D	12/10/21	12/11/21 4:41	EEH
Toluene	1.0	2.0	0.22	µg/L	2	J	SW-846 8260D	12/10/21	12/11/21 4:41	EEH
1,2,3-Trichlorobenzene	ND	10	0.28	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
1,2,4-Trichlorobenzene	ND	2.0	0.32	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-08 (11-15) | Sampled: 12/7/2021 12:00

Sample ID: 21L0631-07

Sample Matrix: Ground Water

Sample Flags: DL-01, PR-08

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	6.5	2.0	0.34	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
1,1,2-Trichloroethane	ND	2.0	0.30	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
Trichloroethylene	4.3	2.0	0.36	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
Trichlorofluoromethane (Freon 11)	ND	4.0	0.38	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	0.48	µg/L	2		SW-846 8260D	12/10/21	12/11/21 4:41	EEH
Vinyl Chloride	ND	4.0	0.40	µg/L	2	V-05	SW-846 8260D	12/10/21	12/11/21 4:41	EEH
m+p Xylene	0.64	4.0	0.36	µg/L	2	J	SW-846 8260D	12/10/21	12/11/21 4:41	EEH
o-Xylene	0.26	2.0	0.18	µg/L	2	J	SW-846 8260D	12/10/21	12/11/21 4:41	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	101	70-130		12/11/21 4:41	
Toluene-d8	100	70-130		12/11/21 4:41	
4-Bromofluorobenzene	97.7	70-130		12/11/21 4:41	

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-08 (11-15) | Sampled: 12/7/2021 12:00

Sample ID: 21L0631-07

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
Propene	5.3	µg/L	70147	0.893	2	000115-07-1	90	SW-846 8260D	12/10/21	12/11/21 4:41	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-12 (7-11) | Sampled: 12/7/2021 13:15

Sample ID: 21L0631-08

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	20000	940	µg/L	400	V-05	SW-846 8260D	12/10/21	12/11/21 8:46	EEH
Benzene	ND	400	52	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
Bromochloromethane	ND	400	140	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
Bromodichloromethane	ND	200	56	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
Bromoform	ND	400	120	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
Bromomethane	ND	800	430	µg/L	400	V-05	SW-846 8260D	12/10/21	12/11/21 8:46	EEH
2-Butanone (MEK)	ND	8000	750	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
Carbon Disulfide	ND	2000	610	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
Carbon Tetrachloride	ND	2000	68	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
Chlorobenzene	ND	400	32	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
Chlorodibromomethane	ND	200	64	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
Chloroethane	ND	800	150	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
Chloroform	ND	800	76	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
Chloromethane	ND	800	150	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
Cyclohexane	ND	2000	610	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	2000	290	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
1,2-Dibromoethane (EDB)	ND	200	60	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
1,2-Dichlorobenzene	ND	400	40	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
1,3-Dichlorobenzene	ND	400	36	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
1,4-Dichlorobenzene	ND	400	44	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
Dichlorodifluoromethane (Freon 12)	ND	800	80	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
1,1-Dichloroethane	1000	400	64	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
1,2-Dichloroethane	ND	400	130	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
1,1-Dichloroethylene	530	400	64	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
cis-1,2-Dichloroethylene	17000	400	60	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
trans-1,2-Dichloroethylene	170	400	68	µg/L	400	J	SW-846 8260D	12/10/21	12/11/21 8:46	EEH
1,2-Dichloropropane	ND	400	72	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
cis-1,3-Dichloropropene	ND	200	48	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
trans-1,3-Dichloropropene	ND	200	60	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
1,4-Dioxane	ND	20000	8600	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
Ethylbenzene	ND	400	36	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
2-Hexanone (MBK)	ND	4000	560	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
Isopropylbenzene (Cumene)	ND	400	40	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
Methyl Acetate	ND	400	160	µg/L	400	V-05	SW-846 8260D	12/10/21	12/11/21 8:46	EEH
Methyl tert-Butyl Ether (MTBE)	ND	400	68	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
Methyl Cyclohexane	ND	400	130	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
Methylene Chloride	ND	2000	120	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
4-Methyl-2-pentanone (MIBK)	ND	4000	650	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
Styrene	ND	400	32	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
1,1,2,2-Tetrachloroethane	ND	200	36	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
Tetrachloroethylene	240	400	80	µg/L	400	J	SW-846 8260D	12/10/21	12/11/21 8:46	EEH
Toluene	ND	400	44	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
1,2,3-Trichlorobenzene	ND	2000	56	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
1,2,4-Trichlorobenzene	ND	400	64	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-12 (7-11) | Sampled: 12/7/2021 13:15

Sample ID: 21L0631-08

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	610	400	68	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
1,1,2-Trichloroethane	ND	400	60	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
Trichloroethylene	25000	400	72	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
Trichlorofluoromethane (Freon 11)	ND	800	76	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	190	400	96	µg/L	400	J	SW-846 8260D	12/10/21	12/11/21 8:46	EEH
Vinyl Chloride	350	800	80	µg/L	400	MS-09, V-05, J	SW-846 8260D	12/10/21	12/11/21 8:46	EEH
m+p Xylene	ND	800	72	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH
o-Xylene	ND	400	36	µg/L	400		SW-846 8260D	12/10/21	12/11/21 8:46	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	102	70-130		12/11/21	8:46
Toluene-d8	100	70-130		12/11/21	8:46
4-Bromofluorobenzene	98.0	70-130		12/11/21	8:46

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-12 (7-11) | Sampled: 12/7/2021 13:15

Sample ID: 21L0631-08

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			400			SW-846 8260D	12/10/21	12/11/21 8:46	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-05 (7-11) | Sampled: 12/7/2021 14:30

Sample ID: 21L0631-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1	V-05	SW-846 8260D	12/10/21	12/11/21 3:47	EEH
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
Bromomethane	ND	2.0	1.1	µg/L	1	V-05	SW-846 8260D	12/10/21	12/11/21 3:47	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
Cyclohexane	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
1,1-Dichloroethane	1.5	1.0	0.16	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
1,1-Dichloroethylene	0.40	1.0	0.16	µg/L	1	J	SW-846 8260D	12/10/21	12/11/21 3:47	EEH
cis-1,2-Dichloroethylene	7.2	1.0	0.15	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/10/21	12/11/21 3:47	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
Tetrachloroethylene	1.3	1.0	0.20	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
Toluene	0.18	1.0	0.11	µg/L	1	J	SW-846 8260D	12/10/21	12/11/21 3:47	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-05 (7-11) | Sampled: 12/7/2021 14:30

Sample ID: 21L0631-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	1.2	1.0	0.17	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
Trichloroethylene	26	1.0	0.18	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
Vinyl Chloride	ND	2.0	0.20	µg/L	1	V-05	SW-846 8260D	12/10/21	12/11/21 3:47	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/10/21	12/11/21 3:47	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	103	70-130		12/11/21 3:47	
Toluene-d8	101	70-130		12/11/21 3:47	
4-Bromofluorobenzene	98.8	70-130		12/11/21 3:47	

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-05 (7-11) | Sampled: 12/7/2021 14:30

Sample ID: 21L0631-09

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/10/21	12/11/21 3:47	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-EB-2 | Sampled: 12/7/2021 14:40

Sample ID: 21L0631-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1	V-05	SW-846 8260D	12/10/21	12/11/21 4:14	EEH
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
Bromomethane	ND	2.0	1.1	µg/L	1	V-05	SW-846 8260D	12/10/21	12/11/21 4:14	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
Cyclohexane	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/10/21	12/11/21 4:14	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-EB-2 | Sampled: 12/7/2021 14:40

Sample ID: 21L0631-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
Vinyl Chloride	ND	2.0	0.20	µg/L	1	V-05	SW-846 8260D	12/10/21	12/11/21 4:14	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/10/21	12/11/21 4:14	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	100	70-130		12/11/21 4:14
Toluene-d8	98.8	70-130		12/11/21 4:14
4-Bromofluorobenzene	97.2	70-130		12/11/21 4:14

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-EB-2 | Sampled: 12/7/2021 14:40

Sample ID: 21L0631-10

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/10/21	12/11/21 4:14	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-DUP-2 | Sampled: 12/7/2021 07:00

Sample ID: 21L0631-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1	V-05	SW-846 8260D	12/10/21	12/11/21 5:08	EEH
Benzene	0.21	1.0	0.13	µg/L	1	J	SW-846 8260D	12/10/21	12/11/21 5:08	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
Bromomethane	ND	2.0	1.1	µg/L	1	V-05	SW-846 8260D	12/10/21	12/11/21 5:08	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
Cyclohexane	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
1,1-Dichloroethane	2.2	1.0	0.16	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
1,1-Dichloroethylene	0.65	1.0	0.16	µg/L	1	J	SW-846 8260D	12/10/21	12/11/21 5:08	EEH
cis-1,2-Dichloroethylene	17	1.0	0.15	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
trans-1,2-Dichloroethylene	0.27	1.0	0.17	µg/L	1	J	SW-846 8260D	12/10/21	12/11/21 5:08	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/10/21	12/11/21 5:08	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
Tetrachloroethylene	2.5	1.0	0.20	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
Toluene	0.32	1.0	0.11	µg/L	1	J	SW-846 8260D	12/10/21	12/11/21 5:08	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-DUP-2 | Sampled: 12/7/2021 07:00

Sample ID: 21L0631-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	2.1	1.0	0.17	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
Trichloroethylene	54	1.0	0.18	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:08	EEH
Vinyl Chloride	0.32	2.0	0.20	µg/L	1	V-05, J	SW-846 8260D	12/10/21	12/11/21 5:08	EEH
m+p Xylene	0.23	2.0	0.18	µg/L	1	J	SW-846 8260D	12/10/21	12/11/21 5:08	EEH
o-Xylene	0.12	1.0	0.090	µg/L	1	J	SW-846 8260D	12/10/21	12/11/21 5:08	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	103	70-130		12/11/21 5:08	
Toluene-d8	101	70-130		12/11/21 5:08	
4-Bromofluorobenzene	96.3	70-130		12/11/21 5:08	

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-DUP-2 | Sampled: 12/7/2021 07:00

Sample ID: 21L0631-11

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/10/21	12/11/21 5:08	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-05 (12-16) | Sampled: 12/7/2021 15:00

Sample ID: 21L0631-12

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	1000	47	µg/L	20	V-05	SW-846 8260D	12/10/21	12/11/21 9:13	EEH
Benzene	ND	20	2.6	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
Bromochloromethane	ND	20	7.2	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
Bromodichloromethane	ND	10	2.8	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
Bromoform	ND	20	5.8	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
Bromomethane	ND	40	21	µg/L	20	V-05	SW-846 8260D	12/10/21	12/11/21 9:13	EEH
2-Butanone (MEK)	170	400	38	µg/L	20	J	SW-846 8260D	12/10/21	12/11/21 9:13	EEH
Carbon Disulfide	ND	100	30	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
Carbon Tetrachloride	ND	100	3.4	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
Chlorobenzene	ND	20	1.6	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
Chlorodibromomethane	ND	10	3.2	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
Chloroethane	35	40	7.4	µg/L	20	J	SW-846 8260D	12/10/21	12/11/21 9:13	EEH
Chloroform	ND	40	3.8	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
Chloromethane	ND	40	7.6	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
Cyclohexane	ND	100	31	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	100	14	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
1,2-Dibromoethane (EDB)	ND	10	3.0	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
1,2-Dichlorobenzene	ND	20	2.0	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
1,3-Dichlorobenzene	ND	20	1.8	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
1,4-Dichlorobenzene	ND	20	2.2	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
Dichlorodifluoromethane (Freon 12)	ND	40	4.0	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
1,1-Dichloroethane	1700	20	3.2	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
1,2-Dichloroethane	ND	20	6.4	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
1,1-Dichloroethylene	42	20	3.2	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
cis-1,2-Dichloroethylene	1500	20	3.0	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
trans-1,2-Dichloroethylene	9.4	20	3.4	µg/L	20	J	SW-846 8260D	12/10/21	12/11/21 9:13	EEH
1,2-Dichloropropane	ND	20	3.6	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
cis-1,3-Dichloropropene	ND	10	2.4	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
trans-1,3-Dichloropropene	ND	10	3.0	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
1,4-Dioxane	ND	1000	430	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
Ethylbenzene	ND	20	1.8	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
2-Hexanone (MBK)	ND	200	28	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
Isopropylbenzene (Cumene)	ND	20	2.0	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
Methyl Acetate	26	20	7.8	µg/L	20	V-05	SW-846 8260D	12/10/21	12/11/21 9:13	EEH
Methyl tert-Butyl Ether (MTBE)	ND	20	3.4	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
Methyl Cyclohexane	ND	20	6.6	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
Methylene Chloride	ND	100	6.0	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
4-Methyl-2-pentanone (MIBK)	ND	200	32	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
Styrene	ND	20	1.6	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
1,1,2,2-Tetrachloroethane	ND	10	1.8	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
Tetrachloroethylene	ND	20	4.0	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
Toluene	ND	20	2.2	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
1,2,3-Trichlorobenzene	ND	100	2.8	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
1,2,4-Trichlorobenzene	ND	20	3.2	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-05 (12-16) | Sampled: 12/7/2021 15:00

Sample ID: 21L0631-12

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	23	20	3.4	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
1,1,2-Trichloroethane	ND	20	3.0	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
Trichloroethylene	87	20	3.6	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
Trichlorofluoromethane (Freon 11)	ND	40	3.8	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	18	20	4.8	µg/L	20	J	SW-846 8260D	12/10/21	12/11/21 9:13	EEH
Vinyl Chloride	240	40	4.0	µg/L	20	V-05	SW-846 8260D	12/10/21	12/11/21 9:13	EEH
m+p Xylene	ND	40	3.6	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH
o-Xylene	ND	20	1.8	µg/L	20		SW-846 8260D	12/10/21	12/11/21 9:13	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	102	70-130		12/11/21 9:13	
Toluene-d8	99.3	70-130		12/11/21 9:13	
4-Bromofluorobenzene	97.9	70-130		12/11/21 9:13	

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-05 (12-16) | Sampled: 12/7/2021 15:00

Sample ID: 21L0631-12

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			20			SW-846 8260D	12/10/21	12/11/21 9:13	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-05 (29-33) | Sampled: 12/8/2021 08:20

Sample ID: 21L0631-13

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	33	250	12	µg/L	5	V-05, J	SW-846 8260D	12/10/21	12/11/21 9:40	EEH
Benzene	1.2	5.0	0.65	µg/L	5	J	SW-846 8260D	12/10/21	12/11/21 9:40	EEH
Bromochloromethane	ND	5.0	1.8	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
Bromodichloromethane	ND	2.5	0.70	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
Bromoform	ND	5.0	1.4	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
Bromomethane	ND	10	5.4	µg/L	5	V-05	SW-846 8260D	12/10/21	12/11/21 9:40	EEH
2-Butanone (MEK)	75	100	9.4	µg/L	5	J	SW-846 8260D	12/10/21	12/11/21 9:40	EEH
Carbon Disulfide	ND	25	7.6	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
Carbon Tetrachloride	ND	25	0.85	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
Chlorobenzene	ND	5.0	0.40	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
Chlorodibromomethane	ND	2.5	0.80	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
Chloroethane	29	10	1.8	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
Chloroform	ND	10	0.95	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
Chloromethane	ND	10	1.9	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
Cyclohexane	ND	25	7.6	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	3.6	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
1,2-Dibromoethane (EDB)	ND	2.5	0.75	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
1,2-Dichlorobenzene	ND	5.0	0.50	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
1,3-Dichlorobenzene	ND	5.0	0.45	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
1,4-Dichlorobenzene	ND	5.0	0.55	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
Dichlorodifluoromethane (Freon 12)	ND	10	1.0	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
1,1-Dichloroethane	410	5.0	0.80	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
1,2-Dichloroethane	ND	5.0	1.6	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
1,1-Dichloroethylene	33	5.0	0.80	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
cis-1,2-Dichloroethylene	730	5.0	0.75	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
trans-1,2-Dichloroethylene	1.6	5.0	0.85	µg/L	5	J	SW-846 8260D	12/10/21	12/11/21 9:40	EEH
1,2-Dichloropropane	ND	5.0	0.90	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
cis-1,3-Dichloropropene	ND	2.5	0.60	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
trans-1,3-Dichloropropene	ND	2.5	0.75	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
1,4-Dioxane	350	250	110	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
Ethylbenzene	ND	5.0	0.45	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
2-Hexanone (MBK)	ND	50	7.0	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
Isopropylbenzene (Cumene)	ND	5.0	0.50	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
Methyl Acetate	13	5.0	2.0	µg/L	5	V-05	SW-846 8260D	12/10/21	12/11/21 9:40	EEH
Methyl tert-Butyl Ether (MTBE)	ND	5.0	0.85	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
Methyl Cyclohexane	ND	5.0	1.6	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
Methylene Chloride	ND	25	1.5	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
4-Methyl-2-pentanone (MIBK)	ND	50	8.1	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
Styrene	ND	5.0	0.40	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
1,1,2,2-Tetrachloroethane	ND	2.5	0.45	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
Tetrachloroethylene	ND	5.0	1.0	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
Toluene	0.95	5.0	0.55	µg/L	5	J	SW-846 8260D	12/10/21	12/11/21 9:40	EEH
1,2,3-Trichlorobenzene	ND	25	0.70	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
1,2,4-Trichlorobenzene	ND	5.0	0.80	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-05 (29-33) | Sampled: 12/8/2021 08:20

Sample ID: 21L0631-13

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	0.90	5.0	0.85	µg/L	5	J	SW-846 8260D	12/10/21	12/11/21 9:40	EEH
1,1,2-Trichloroethane	ND	5.0	0.75	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
Trichloroethylene	2.8	5.0	0.90	µg/L	5	J	SW-846 8260D	12/10/21	12/11/21 9:40	EEH
Trichlorofluoromethane (Freon 11)	ND	10	0.95	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	1.2	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
Vinyl Chloride	76	10	1.0	µg/L	5	V-05	SW-846 8260D	12/10/21	12/11/21 9:40	EEH
m+p Xylene	ND	10	0.90	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH
o-Xylene	ND	5.0	0.45	µg/L	5		SW-846 8260D	12/10/21	12/11/21 9:40	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	105	70-130		12/11/21	9:40
Toluene-d8	101	70-130		12/11/21	9:40
4-Bromofluorobenzene	98.3	70-130		12/11/21	9:40

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Project Location: Henrietta, NY
Sample Description:
Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-05 (29-33)
Sampled: 12/8/2021 08:20

Sample ID: 21L0631-13

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			5			SW-846 8260D	12/10/21	12/11/21 9:40	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-13 (12-16) | Sampled: 12/8/2021 10:15

Sample ID: 21L0631-14

Sample Matrix: Ground Water

Sample Flags: PR-07, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	250	12	µg/L	5	V-05	SW-846 8260D	12/10/21	12/11/21 10:07	EEH
Benzene	0.70	5.0	0.65	µg/L	5	J	SW-846 8260D	12/10/21	12/11/21 10:07	EEH
Bromochloromethane	ND	5.0	1.8	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
Bromodichloromethane	ND	2.5	0.70	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
Bromoform	ND	5.0	1.4	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
Bromomethane	ND	10	5.4	µg/L	5	V-05	SW-846 8260D	12/10/21	12/11/21 10:07	EEH
2-Butanone (MEK)	81	100	9.4	µg/L	5	J	SW-846 8260D	12/10/21	12/11/21 10:07	EEH
Carbon Disulfide	ND	25	7.6	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
Carbon Tetrachloride	ND	25	0.85	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
Chlorobenzene	ND	5.0	0.40	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
Chlorodibromomethane	ND	2.5	0.80	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
Chloroethane	6.6	10	1.8	µg/L	5	J	SW-846 8260D	12/10/21	12/11/21 10:07	EEH
Chloroform	ND	10	0.95	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
Chloromethane	ND	10	1.9	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
Cyclohexane	ND	25	7.6	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	3.6	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
1,2-Dibromoethane (EDB)	ND	2.5	0.75	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
1,2-Dichlorobenzene	ND	5.0	0.50	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
1,3-Dichlorobenzene	ND	5.0	0.45	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
1,4-Dichlorobenzene	ND	5.0	0.55	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
Dichlorodifluoromethane (Freon 12)	ND	10	1.0	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
1,1-Dichloroethane	510	5.0	0.80	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
1,2-Dichloroethane	ND	5.0	1.6	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
1,1-Dichloroethylene	50	5.0	0.80	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
cis-1,2-Dichloroethylene	250	5.0	0.75	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
trans-1,2-Dichloroethylene	1.2	5.0	0.85	µg/L	5	J	SW-846 8260D	12/10/21	12/11/21 10:07	EEH
1,2-Dichloropropane	ND	5.0	0.90	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
cis-1,3-Dichloropropene	ND	2.5	0.60	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
trans-1,3-Dichloropropene	ND	2.5	0.75	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
1,4-Dioxane	ND	250	110	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
Ethylbenzene	ND	5.0	0.45	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
2-Hexanone (MBK)	ND	50	7.0	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
Isopropylbenzene (Cumene)	ND	5.0	0.50	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
Methyl Acetate	17	5.0	2.0	µg/L	5	V-05	SW-846 8260D	12/10/21	12/11/21 10:07	EEH
Methyl tert-Butyl Ether (MTBE)	ND	5.0	0.85	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
Methyl Cyclohexane	ND	5.0	1.6	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
Methylene Chloride	ND	25	1.5	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
4-Methyl-2-pentanone (MIBK)	ND	50	8.1	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
Styrene	ND	5.0	0.40	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
1,1,2,2-Tetrachloroethane	ND	2.5	0.45	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
Tetrachloroethylene	230	5.0	1.0	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
Toluene	0.60	5.0	0.55	µg/L	5	J	SW-846 8260D	12/10/21	12/11/21 10:07	EEH
1,2,3-Trichlorobenzene	ND	25	0.70	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
1,2,4-Trichlorobenzene	ND	5.0	0.80	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-13 (12-16) | Sampled: 12/8/2021 10:15

Sample ID: 21L0631-14

Sample Matrix: Ground Water

Sample Flags: PR-07, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	58	5.0	0.85	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
1,1,2-Trichloroethane	ND	5.0	0.75	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
Trichloroethylene	230	5.0	0.90	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
Trichlorofluoromethane (Freon 11)	ND	10	0.95	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	1.2	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
Vinyl Chloride	19	10	1.0	µg/L	5	V-05	SW-846 8260D	12/10/21	12/11/21 10:07	EEH
m+p Xylene	ND	10	0.90	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH
o-Xylene	ND	5.0	0.45	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:07	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		12/11/21 10:07
Toluene-d8	99.4	70-130		12/11/21 10:07
4-Bromofluorobenzene	97.7	70-130		12/11/21 10:07

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-13 (12-16) | Sampled: 12/8/2021 10:15

Sample ID: 21L0631-14

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			5			SW-846 8260D	12/10/21	12/11/21 10:07	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-13 (7-11) | Sampled: 12/8/2021 10:30

Sample ID: 21L0631-15

Sample Matrix: Ground Water

Sample Flags: PR-08

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1	V-05	SW-846 8260D	12/10/21	12/11/21 5:35	EEH
Benzene	0.25	1.0	0.13	µg/L	1	J	SW-846 8260D	12/10/21	12/11/21 5:35	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
Bromomethane	ND	2.0	1.1	µg/L	1	V-05	SW-846 8260D	12/10/21	12/11/21 5:35	EEH
2-Butanone (MEK)	2.9	20	1.9	µg/L	1	J	SW-846 8260D	12/10/21	12/11/21 5:35	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
Chloroethane	1.6	2.0	0.37	µg/L	1	J	SW-846 8260D	12/10/21	12/11/21 5:35	EEH
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
Cyclohexane	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
1,1-Dichloroethane	44	1.0	0.16	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
1,1-Dichloroethylene	1.0	1.0	0.16	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
cis-1,2-Dichloroethylene	31	1.0	0.15	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
trans-1,2-Dichloroethylene	0.20	1.0	0.17	µg/L	1	J	SW-846 8260D	12/10/21	12/11/21 5:35	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/10/21	12/11/21 5:35	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
Toluene	0.36	1.0	0.11	µg/L	1	J	SW-846 8260D	12/10/21	12/11/21 5:35	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-13 (7-11) | Sampled: 12/8/2021 10:30

Sample ID: 21L0631-15

Sample Matrix: Ground Water

Sample Flags: PR-08

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	0.37	1.0	0.17	µg/L	1	J	SW-846 8260D	12/10/21	12/11/21 5:35	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
Trichloroethylene	1.6	1.0	0.18	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH
Vinyl Chloride	5.3	2.0	0.20	µg/L	1	V-05	SW-846 8260D	12/10/21	12/11/21 5:35	EEH
m+p Xylene	0.21	2.0	0.18	µg/L	1	J	SW-846 8260D	12/10/21	12/11/21 5:35	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/10/21	12/11/21 5:35	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	103	70-130		12/11/21 5:35	
Toluene-d8	100	70-130		12/11/21 5:35	
4-Bromofluorobenzene	98.4	70-130		12/11/21 5:35	

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-13 (7-11) | Sampled: 12/8/2021 10:30

Sample ID: 21L0631-15

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/10/21	12/11/21 5:35	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-14 (9-13) | Sampled: 12/8/2021 13:00

Sample ID: 21L0631-16

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	25000	1200	µg/L	500	V-05	SW-846 8260D	12/10/21	12/11/21 11:29	EEH
Benzene	ND	500	65	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
Bromochloromethane	ND	500	180	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
Bromodichloromethane	ND	250	70	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
Bromoform	ND	500	140	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
Bromomethane	ND	1000	540	µg/L	500	V-05	SW-846 8260D	12/10/21	12/11/21 11:29	EEH
2-Butanone (MEK)	ND	10000	940	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
Carbon Disulfide	ND	2500	760	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
Carbon Tetrachloride	ND	2500	85	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
Chlorobenzene	ND	500	40	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
Chlorodibromomethane	ND	250	80	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
Chloroethane	ND	1000	180	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
Chloroform	ND	1000	95	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
Chloromethane	ND	1000	190	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
Cyclohexane	ND	2500	760	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	2500	360	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
1,2-Dibromoethane (EDB)	ND	250	75	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
1,2-Dichlorobenzene	ND	500	50	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
1,3-Dichlorobenzene	ND	500	45	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
1,4-Dichlorobenzene	ND	500	55	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
Dichlorodifluoromethane (Freon 12)	ND	1000	100	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
1,1-Dichloroethane	3000	500	80	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
1,2-Dichloroethane	ND	500	160	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
1,1-Dichloroethylene	170	500	80	µg/L	500	J	SW-846 8260D	12/10/21	12/11/21 11:29	EEH
cis-1,2-Dichloroethylene	320	500	75	µg/L	500	J	SW-846 8260D	12/10/21	12/11/21 11:29	EEH
trans-1,2-Dichloroethylene	ND	500	85	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
1,2-Dichloropropane	ND	500	90	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
cis-1,3-Dichloropropene	ND	250	60	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
trans-1,3-Dichloropropene	ND	250	75	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
1,4-Dioxane	ND	25000	11000	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
Ethylbenzene	ND	500	45	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
2-Hexanone (MBK)	ND	5000	700	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
Isopropylbenzene (Cumene)	ND	500	50	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
Methyl Acetate	ND	500	200	µg/L	500	V-05	SW-846 8260D	12/10/21	12/11/21 11:29	EEH
Methyl tert-Butyl Ether (MTBE)	ND	500	85	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
Methyl Cyclohexane	ND	500	160	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
Methylene Chloride	ND	2500	150	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
4-Methyl-2-pentanone (MIBK)	ND	5000	810	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
Styrene	ND	500	40	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
1,1,2,2-Tetrachloroethane	ND	250	45	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
Tetrachloroethylene	37000	500	100	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
Toluene	ND	500	55	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
1,2,3-Trichlorobenzene	ND	2500	70	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
1,2,4-Trichlorobenzene	ND	500	80	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-14 (9-13) | Sampled: 12/8/2021 13:00

Sample ID: 21L0631-16

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	100	500	85	µg/L	500	J	SW-846 8260D	12/10/21	12/11/21 11:29	EEH
1,1,2-Trichloroethane	ND	500	75	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
Trichloroethylene	1500	500	90	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
Trichlorofluoromethane (Freon 11)	ND	1000	95	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	500	120	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
Vinyl Chloride	ND	1000	100	µg/L	500	V-05	SW-846 8260D	12/10/21	12/11/21 11:29	EEH
m+p Xylene	ND	1000	90	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH
o-Xylene	ND	500	45	µg/L	500		SW-846 8260D	12/10/21	12/11/21 11:29	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	103	70-130		12/11/21	11:29
Toluene-d8	99.3	70-130		12/11/21	11:29
4-Bromofluorobenzene	98.0	70-130		12/11/21	11:29

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-14 (9-13) | Sampled: 12/8/2021 13:00

Sample ID: 21L0631-16

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			500			SW-846 8260D	12/10/21	12/11/21 11:29	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-14 (21-15) | Sampled: 12/8/2021 13:30

Sample ID: 21L0631-17

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	500	24	µg/L	10	V-05	SW-846 8260D	12/10/21	12/11/21 11:02	EEH
Benzene	2.5	10	1.3	µg/L	10	J	SW-846 8260D	12/10/21	12/11/21 11:02	EEH
Bromochloromethane	ND	10	3.6	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
Bromodichloromethane	ND	5.0	1.4	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
Bromoform	ND	10	2.9	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
Bromomethane	ND	20	11	µg/L	10	V-05	SW-846 8260D	12/10/21	12/11/21 11:02	EEH
2-Butanone (MEK)	65	200	19	µg/L	10	J	SW-846 8260D	12/10/21	12/11/21 11:02	EEH
Carbon Disulfide	ND	50	15	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
Carbon Tetrachloride	ND	50	1.7	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
Chlorobenzene	ND	10	0.80	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
Chlorodibromomethane	ND	5.0	1.6	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
Chloroethane	5.1	20	3.7	µg/L	10	J	SW-846 8260D	12/10/21	12/11/21 11:02	EEH
Chloroform	ND	20	1.9	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
Chloromethane	ND	20	3.8	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
Cyclohexane	ND	50	15	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	50	7.2	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
1,2-Dibromoethane (EDB)	ND	5.0	1.5	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
1,2-Dichlorobenzene	ND	10	1.0	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
1,3-Dichlorobenzene	ND	10	0.90	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
1,4-Dichlorobenzene	ND	10	1.1	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
Dichlorodifluoromethane (Freon 12)	ND	20	2.0	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
1,1-Dichloroethane	480	10	1.6	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
1,2-Dichloroethane	ND	10	3.2	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
1,1-Dichloroethylene	14	10	1.6	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
cis-1,2-Dichloroethylene	200	10	1.5	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
trans-1,2-Dichloroethylene	ND	10	1.7	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
1,2-Dichloropropane	ND	10	1.8	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
cis-1,3-Dichloropropene	ND	5.0	1.2	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
trans-1,3-Dichloropropene	ND	5.0	1.5	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
1,4-Dioxane	880	500	220	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
Ethylbenzene	ND	10	0.90	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
2-Hexanone (MBK)	ND	100	14	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
Isopropylbenzene (Cumene)	ND	10	1.0	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
Methyl Acetate	ND	10	3.9	µg/L	10	V-05	SW-846 8260D	12/10/21	12/11/21 11:02	EEH
Methyl tert-Butyl Ether (MTBE)	ND	10	1.7	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
Methyl Cyclohexane	ND	10	3.3	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
Methylene Chloride	14	50	3.0	µg/L	10	J	SW-846 8260D	12/10/21	12/11/21 11:02	EEH
4-Methyl-2-pentanone (MIBK)	ND	100	16	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
Styrene	ND	10	0.80	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
1,1,2,2-Tetrachloroethane	ND	5.0	0.90	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
Tetrachloroethylene	110	10	2.0	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
Toluene	2.0	10	1.1	µg/L	10	J	SW-846 8260D	12/10/21	12/11/21 11:02	EEH
1,2,3-Trichlorobenzene	ND	50	1.4	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
1,2,4-Trichlorobenzene	ND	10	1.6	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-14 (21-15) | Sampled: 12/8/2021 13:30

Sample ID: 21L0631-17

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	18	10	1.7	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
1,1,2-Trichloroethane	ND	10	1.5	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
Trichloroethylene	71	10	1.8	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
Trichlorofluoromethane (Freon 11)	ND	20	1.9	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	10	2.4	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
Vinyl Chloride	3.9	20	2.0	µg/L	10	V-05, J	SW-846 8260D	12/10/21	12/11/21 11:02	EEH
m+p Xylene	ND	20	1.8	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH
o-Xylene	ND	10	0.90	µg/L	10		SW-846 8260D	12/10/21	12/11/21 11:02	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		12/11/21 11:02
Toluene-d8	99.4	70-130		12/11/21 11:02
4-Bromofluorobenzene	98.1	70-130		12/11/21 11:02

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-14 (21-15) | Sampled: 12/8/2021 13:30

Sample ID: 21L0631-17

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			10			SW-846 8260D	12/10/21	12/11/21 11:02	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-15 (9-13) | Sampled: 12/8/2021 14:30

Sample ID: 21L0631-18

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	250	12	µg/L	5	V-05	SW-846 8260D	12/10/21	12/11/21 10:35	EEH
Benzene	0.80	5.0	0.65	µg/L	5	J	SW-846 8260D	12/10/21	12/11/21 10:35	EEH
Bromochloromethane	ND	5.0	1.8	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
Bromodichloromethane	ND	2.5	0.70	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
Bromoform	ND	5.0	1.4	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
Bromomethane	ND	10	5.4	µg/L	5	V-05	SW-846 8260D	12/10/21	12/11/21 10:35	EEH
2-Butanone (MEK)	72	100	9.4	µg/L	5	J	SW-846 8260D	12/10/21	12/11/21 10:35	EEH
Carbon Disulfide	ND	25	7.6	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
Carbon Tetrachloride	ND	25	0.85	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
Chlorobenzene	ND	5.0	0.40	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
Chlorodibromomethane	ND	2.5	0.80	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
Chloroethane	ND	10	1.8	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
Chloroform	ND	10	0.95	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
Chloromethane	ND	10	1.9	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
Cyclohexane	ND	25	7.6	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	3.6	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
1,2-Dibromoethane (EDB)	ND	2.5	0.75	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
1,2-Dichlorobenzene	ND	5.0	0.50	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
1,3-Dichlorobenzene	ND	5.0	0.45	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
1,4-Dichlorobenzene	ND	5.0	0.55	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
Dichlorodifluoromethane (Freon 12)	ND	10	1.0	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
1,1-Dichloroethane	40	5.0	0.80	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
1,2-Dichloroethane	ND	5.0	1.6	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
1,1-Dichloroethylene	2.6	5.0	0.80	µg/L	5	J	SW-846 8260D	12/10/21	12/11/21 10:35	EEH
cis-1,2-Dichloroethylene	33	5.0	0.75	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
trans-1,2-Dichloroethylene	2.2	5.0	0.85	µg/L	5	J	SW-846 8260D	12/10/21	12/11/21 10:35	EEH
1,2-Dichloropropane	ND	5.0	0.90	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
cis-1,3-Dichloropropene	ND	2.5	0.60	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
trans-1,3-Dichloropropene	ND	2.5	0.75	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
1,4-Dioxane	ND	250	110	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
Ethylbenzene	ND	5.0	0.45	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
2-Hexanone (MBK)	ND	50	7.0	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
Isopropylbenzene (Cumene)	ND	5.0	0.50	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
Methyl Acetate	9.6	5.0	2.0	µg/L	5	V-05	SW-846 8260D	12/10/21	12/11/21 10:35	EEH
Methyl tert-Butyl Ether (MTBE)	ND	5.0	0.85	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
Methyl Cyclohexane	ND	5.0	1.6	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
Methylene Chloride	4.4	25	1.5	µg/L	5	J	SW-846 8260D	12/10/21	12/11/21 10:35	EEH
4-Methyl-2-pentanone (MIBK)	ND	50	8.1	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
Styrene	ND	5.0	0.40	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
1,1,2,2-Tetrachloroethane	ND	2.5	0.45	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
Tetrachloroethylene	250	5.0	1.0	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
Toluene	0.60	5.0	0.55	µg/L	5	J	SW-846 8260D	12/10/21	12/11/21 10:35	EEH
1,2,3-Trichlorobenzene	ND	25	0.70	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
1,2,4-Trichlorobenzene	ND	5.0	0.80	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-15 (9-13) | Sampled: 12/8/2021 14:30

Sample ID: 21L0631-18

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	12	5.0	0.85	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
1,1,2-Trichloroethane	ND	5.0	0.75	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
Trichloroethylene	3.3	5.0	0.90	µg/L	5	J	SW-846 8260D	12/10/21	12/11/21 10:35	EEH
Trichlorofluoromethane (Freon 11)	ND	10	0.95	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	1.2	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
Vinyl Chloride	1.2	10	1.0	µg/L	5	V-05, J	SW-846 8260D	12/10/21	12/11/21 10:35	EEH
m+p Xylene	ND	10	0.90	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH
o-Xylene	ND	5.0	0.45	µg/L	5		SW-846 8260D	12/10/21	12/11/21 10:35	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	105	70-130		12/11/21 10:35	
Toluene-d8	101	70-130		12/11/21 10:35	
4-Bromofluorobenzene	99.2	70-130		12/11/21 10:35	

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-15 (9-13) | Sampled: 12/8/2021 14:30

Sample ID: 21L0631-18

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			5			SW-846 8260D	12/10/21	12/11/21 10:35	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-15 (21-25) | Sampled: 12/8/2021 15:00

Sample ID: 21L0631-19

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1	V-05	SW-846 8260D	12/10/21	12/11/21 6:02	EEH
Benzene	1.0	1.0	0.13	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
Bromomethane	ND	2.0	1.1	µg/L	1	V-05	SW-846 8260D	12/10/21	12/11/21 6:02	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
Cyclohexane	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
1,1-Dichloroethane	27	1.0	0.16	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
1,1-Dichloroethylene	0.62	1.0	0.16	µg/L	1	J	SW-846 8260D	12/10/21	12/11/21 6:02	EEH
cis-1,2-Dichloroethylene	2.2	1.0	0.15	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
1,4-Dioxane	2000	1000	430	µg/L	20		SW-846 8260D	12/10/21	12/13/21 20:19	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/10/21	12/11/21 6:02	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
Tetrachloroethylene	28	1.0	0.20	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
Toluene	0.88	1.0	0.11	µg/L	1	J	SW-846 8260D	12/10/21	12/11/21 6:02	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-15 (21-25) | Sampled: 12/8/2021 15:00

Sample ID: 21L0631-19

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	2.3	1.0	0.17	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
Trichloroethylene	2.1	1.0	0.18	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/10/21	12/11/21 6:02	EEH
Vinyl Chloride	ND	2.0	0.20	µg/L	1	V-05	SW-846 8260D	12/10/21	12/11/21 6:02	EEH
m+p Xylene	0.32	2.0	0.18	µg/L	1	J	SW-846 8260D	12/10/21	12/11/21 6:02	EEH
o-Xylene	0.15	1.0	0.090	µg/L	1	J	SW-846 8260D	12/10/21	12/11/21 6:02	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		12/11/21 6:02
1,2-Dichloroethane-d4	106	70-130		12/13/21 20:19
Toluene-d8	101	70-130		12/13/21 20:19
Toluene-d8	99.6	70-130		12/11/21 6:02
4-Bromofluorobenzene	99.4	70-130		12/11/21 6:02
4-Bromofluorobenzene	97.5	70-130		12/13/21 20:19

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L0631

Date Received: 12/9/2021

Field Sample #: SOH-DGW-15 (21-25) | Sampled: 12/8/2021 15:00

Sample ID: 21L0631-19

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/10/21	12/11/21 6:02	EEH

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

SOH-DGW-12 (7-11)

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0631
Client:	NYDEC_TRC Environmental Corporation- Clifton Par	Project:	Stuart Olver Holtz- CO SMPB0001
Matrix:	Water	Analysis:	SW-846 8260D
Batch:	B296581	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B296581-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	21L0631-08
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
1,4-Dioxane	40000	ND	35000	87.6		70 - 130
Ethylbenzene	4000	ND	4400	110		70 - 130
2-Hexanone (MBK)	40000	ND	36300	90.8		70 - 130
Isopropylbenzene (Cumene)	4000	ND	4250	106		70 - 130
Methyl Acetate	4000	ND	2880	71.9		70 - 130
Methyl tert-Butyl Ether (MTBE)	4000	ND	4340	109		70 - 130
Methyl Cyclohexane	4000	ND	3990	99.8		70 - 130
Methylene Chloride	4000	ND	3960	99.0		70 - 130
4-Methyl-2-pentanone (MIBK)	40000	ND	37000	92.5		70 - 130
Styrene	4000	ND	4230	106		70 - 130
1,1,2,2-Tetrachloroethane	4000	ND	3860	96.5		70 - 130
Tetrachloroethylene	4000	236	4650	110		70 - 130
Toluene	4000	ND	4360	109		70 - 130
1,2,3-Trichlorobenzene	4000	ND	3180	79.6		70 - 130
1,2,4-Trichlorobenzene	4000	ND	3570	89.3		70 - 130
1,1,1-Trichloroethane	4000	612	5340	118		70 - 130
1,1,2-Trichloroethane	4000	ND	4200	105		70 - 130
Trichloroethylene	4000	25400	29800	110		70 - 130
Trichlorofluoromethane (Freon 11)	4000	ND	4060	102		70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	4000	188	4290	102		70 - 130
Vinyl Chloride	4000	348	2930	64.5	*	70 - 130
m+p Xylene	8000	ND	8490	106		70 - 130
o-Xylene	4000	ND	4340	109		70 - 130

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

SOH-DGW-12 (7-11)

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0631
Client:	NYDEC_TRC Environmental Corporation- Clifton Par	Project:	Stuart Olver Holtz- CO SMPB0001
Matrix:	Water	Analysis:	SW-846 8260D
Batch:	B296581	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B296581-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	21L0631-08
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
1,4-Dioxane	40000	34300	85.8		1.97	30	70 - 130
Ethylbenzene	4000	4280	107		2.86	30	70 - 130
2-Hexanone (MBK)	40000	36300	90.8		0.0551	30	70 - 130
Isopropylbenzene (Cumene)	4000	4120	103		3.06	30	70 - 130
Methyl Acetate	4000	2780	69.4	*	3.54	30	70 - 130
Methyl tert-Butyl Ether (MTBE)	4000	4220	106		2.80	30	70 - 130
Methyl Cyclohexane	4000	4100	102		2.57	30	70 - 130
Methylene Chloride	4000	3700	92.4		6.90	30	70 - 130
4-Methyl-2-pentanone (MIBK)	40000	37500	93.8		1.34	30	70 - 130
Styrene	4000	4120	103		2.49	30	70 - 130
1,1,2,2-Tetrachloroethane	4000	3840	96.0		0.519	30	70 - 130
Tetrachloroethylene	4000	4720	112		1.45	30	70 - 130
Toluene	4000	4280	107		1.76	30	70 - 130
1,2,3-Trichlorobenzene	4000	3980	99.5		22.2	30	70 - 130
1,2,4-Trichlorobenzene	4000	4020	101		11.9	30	70 - 130
1,1,1-Trichloroethane	4000	5180	114		3.12	30	70 - 130
1,1,2-Trichloroethane	4000	4080	102		2.90	30	70 - 130
Trichloroethylene	4000	30700	134	*	3.07	30	70 - 130
Trichlorofluoromethane (Freon 11)	4000	3900	97.5		4.12	30	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	4000	4060	96.8		5.46	30	70 - 130
Vinyl Chloride	4000	2900	63.7	*	1.10	30	70 - 130
m+p Xylene	8000	8330	104		1.90	20	70 - 130
o-Xylene	4000	4200	105		3.37	30	70 - 130

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0631
Client:	NYDEC_TRC Environmental Corporation- Clifton Park	Project:	Stuart Olver Holtz- CO SMPB0001
Calibration:	2100495	Instrument:	GCMSVOA5
		Calibration Date:	11/2/2021 10:46:32AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
Acetone	9.971721E-02	11.2			20	
Acrolein	5.904374E-02	7.6			20	
Acrylonitrile	0.1206755	9.8			20	
tert-Amyl Methyl Ether (TAME)	0.5875525	4.1			20	
Benzene	1.030994	5.6			20	
Bromobenzene	0.6578564	5.4			20	
Bromochloromethane	0.1760127	8.7			20	
Bromodichloromethane	0.240508	8.0			20	
Bromoform	0.2640673	13.7			20	
Bromomethane	0.2069564	19.3			20	
2-Butanone (MEK)	0.1063407	7.1			20	
tert-Butyl Alcohol (TBA)	3.144159E-02	4.2			20	
n-Butylbenzene	1.254044	13.6			20	
sec-Butylbenzene	1.741751	10.8			20	
tert-Butylbenzene	1.245599	7.6			20	
tert-Butyl Ethyl Ether (TBEE)	0.6138734	4.1			20	
Carbon Disulfide	0.9333128	9.2			20	
Carbon Tetrachloride	0.3734387	7.3			20	
Chlorobenzene	1.177246	5.3			20	
Chlorodibromomethane	0.1919733	14.1			20	
Chloroethane	0.202755	7.2			20	
2-Chloroethyl Vinyl Ether	7.342345E-02	19.7			20	
Chloroform	0.4696446	3.3			20	
Chloromethane	0.2837817	17.1			20	
2-Chlorotoluene	1.248309	5.0			20	
4-Chlorotoluene	1.261032	9.4			20	
Cyclohexane	0.3892371	4.2			20	
1,2-Dibromo-3-chloropropane (DBCP)	6.483508E-02	11.2			20	
1,2-Dibromoethane (EDB)	0.1705556	8.6			20	
Dibromomethane	0.1202042	5.9			20	
1,2-Dichlorobenzene	0.7607758	6.7			20	

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0631
Client:	NYDEC_TRC Environmental Corporation- Clifton Park	Project:	Stuart Olver Holtz- CO SMPB0001
Calibration:	2100495	Instrument:	GCMSVOA5
		Calibration Date:	11/2/2021 10:46:32AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
1,3-Dichlorobenzene	0.8652448	6.4			20	
1,4-Dichlorobenzene	0.8729494	4.5			20	
trans-1,4-Dichloro-2-butene	0.1022698	10.4			20	
Dichlorodifluoromethane (Freon 12)	0.4316492	4.7			20	
1,1-Dichloroethane	0.4279142	2.7			20	
1,2-Dichloroethane	0.2511954	10.8			20	
1,1-Dichloroethylene	0.5394836	9.2			20	
cis-1,2-Dichloroethylene	0.3397741	4.1			20	
trans-1,2-Dichloroethylene	0.4007514	14.9			20	
Dichlorofluoromethane (Freon 21)	0.6263142	3.9			20	
1,2-Dichloropropane	0.174309	6.5			20	
1,3-Dichloropropane	0.2603321	6.1			20	
2,2-Dichloropropane	0.340166	4.5			20	
1,1-Dichloropropene	0.3492152	4.2			20	
cis-1,3-Dichloropropene	0.2730169	9.5			20	
trans-1,3-Dichloropropene	0.2164539	14.4			20	
Diethyl Ether	0.2074504	3.5			20	
Difluorochloromethane (Freon 22)	0.3500671	12.6			20	
Diisopropyl Ether (DIPE)	0.6295705	4.6			20	
1,4-Dioxane	2.079222E-03	15.1			20	
Ethanol	5.702641E-03	26.2	0.999		0.99	
Ethyl Acetate	0.1837437	19.5			20	
Ethylbenzene	1.891333	7.1			20	
Hexachlorobutadiene	0.2126581	14.8			20	
2-Hexanone (MBK)	0.1042072	10.7			20	
Iodomethane	0.4600924	25.0	1.000		0.99	
Isopropylbenzene (Cumene)	1.934676	6.9			20	
p-Isopropyltoluene (p-Cymene)	1.440419	10.2			20	
Methyl Acetate	0.4643096	55.8	1.000		0.99	
Methyl tert-Butyl Ether (MTBE)	0.5956711	5.5			20	
Methyl Cyclohexane	0.2972607	4.4			20	

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0631
Client:	NYDEC_TRC Environmental Corporation- Clifton Park	Project:	Stuart Olver Holtz- CO SMPB0001
Calibration:	2100495	Instrument:	GCMSVOA5
		Calibration Date:	11/2/2021 10:46:32AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
Methylene Chloride	0.4175738	9.4			20	
4-Methyl-2-pentanone (MIBK)	0.1516821	10.7			20	
Naphthalene	0.81896	14.0			20	
n-Propylbenzene	2.176342	10.2			20	
Styrene	1.109244	11.1			20	
1,1,1,2-Tetrachloroethane	0.4074272	8.9			20	
1,1,2,2-Tetrachloroethane	0.4673397	8.6			20	
Tetrachloroethylene	0.2350574	10.4			20	
Tetrahydrofuran	6.099569E-02	14.4			20	
Toluene	0.8018204	4.2			20	
1,2,3-Trichlorobenzene	0.304324	13.0			20	
1,2,4-Trichlorobenzene	0.3856043	14.2			20	
1,3,5-Trichlorobenzene	0.4713041	12.3			20	
1,1,1-Trichloroethane	0.3984225	4.2			20	
1,1,2-Trichloroethane	0.1570952	7.4			20	
Trichloroethylene	0.198617	5.5			20	
Trichlorofluoromethane (Freon 11)	0.6053005	4.2			20	
1,2,3-Trichloropropane	0.3519139	4.7			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.3401857	9.9			20	
1,2,3-Trimethylbenzene	1.302534	8.2			20	
1,2,4-Trimethylbenzene	1.362441	9.3			20	
1,3,5-Trimethylbenzene	1.42661	11.0			20	
Vinyl Acetate	0.4871599	12.3			20	
Vinyl Chloride	0.3833392	18.9			20	
m+p Xylene	1.526964	9.7			20	
o-Xylene	1.478854	8.8			20	
1,2-Dichloroethane-d4	0.4662628	2.1			20	
Toluene-d8	1.134016	0.6			20	
4-Bromofluorobenzene	0.893423	3.8			20	

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0631
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA5	Calibration:	2100495
Lab File ID:	E21V134438.D	Calibration Date:	11/02/21 10:46
Sequence:	S066302	Injection Date:	12/11/21
Lab Sample ID:	S066302-CCV1	Injection Time:	01:04

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	77.1	9.971721E-02	7.684644E-02		-22.9	20	*
Benzene	A	10.0	9.64	1.030994	0.9937794		-3.6	20	
Bromochloromethane	A	10.0	9.79	0.1760127	0.1723995		-2.1	20	
Bromodichloromethane	A	10.0	10.2	0.240508	0.2454946		2.1	20	
Bromoform	A	10.0	10.2	0.2640673	0.2707736		2.5	20	
Bromomethane	A	10.0	7.40	0.2069564	0.1532017		-26.0	20	*
2-Butanone (MEK)	A	100	80.8	0.1063407	8.595903E-02		-19.2	20	
Carbon Disulfide	A	100	87.8	0.9333128	0.8197886		-12.2	20	
Carbon Tetrachloride	A	10.0	10.4	0.3734387	0.3882423		4.0	20	
Chlorobenzene	A	10.0	10.3	1.177246	1.209392		2.7	20	
Chlorodibromomethane	A	10.0	10.1	0.1919733	0.1945778		1.4	20	
Chloroethane	A	10.0	9.97	0.202755	0.2021121		-0.3	20	
Chloroform	A	10.0	9.81	0.4696446	0.4608038		-1.9	20	
Chloromethane	A	10.0	9.28	0.2837817	0.2634278		-7.2	20	
Cyclohexane	A	10.0	9.94	0.3892371	0.3868585		-0.6	20	
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	9.53	6.483508E-02	6.180401E-02		-4.7	20	
1,2-Dibromoethane (EDB)	A	10.0	10.1	0.1705556	0.171926		0.8	20	
1,2-Dichlorobenzene	A	10.0	10.2	0.7607758	0.77573		2.0	20	
1,3-Dichlorobenzene	A	10.0	9.96	0.8652448	0.8621759		-0.4	20	
1,4-Dichlorobenzene	A	10.0	9.98	0.8729494	0.8714319		-0.2	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	9.79	0.4316492	0.4224571		-2.1	20	
1,1-Dichloroethane	A	10.0	9.94	0.4279142	0.425215		-0.6	20	
1,2-Dichloroethane	A	10.0	9.68	0.2511954	0.2431012		-3.2	20	
1,1-Dichloroethylene	A	10.0	8.69	0.5394836	0.4686486		-13.1	20	
cis-1,2-Dichloroethylene	A	10.0	10.0	0.3397741	0.3407157		0.3	20	
trans-1,2-Dichloroethylene	A	10.0	8.35	0.4007514	0.3347615		-16.5	20	
1,2-Dichloropropane	A	10.0	9.61	0.174309	0.1675666		-3.9	20	
cis-1,3-Dichloropropene	A	10.0	9.90	0.2730169	0.2701623		-1.0	20	
trans-1,3-Dichloropropene	A	10.0	9.88	0.2164539	0.2138746		-1.2	20	

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0631
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA5	Calibration:	2100495
Lab File ID:	E21V134438.D	Calibration Date:	11/02/21 10:46
Sequence:	S066302	Injection Date:	12/11/21
Lab Sample ID:	S066302-CCV1	Injection Time:	01:04

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,4-Dioxane	A	100	98.8	2.079222E-03	2.053624E-03		-1.2	20	
Ethylbenzene	A	10.0	10.4	1.891333	1.96382		3.8	20	
2-Hexanone (MBK)	A	100	89.7	0.1042072	9.343453E-02		-10.3	20	
Isopropylbenzene (Cumene)	A	10.0	10.0	1.934676	1.937945		0.2	20	
Methyl Acetate	A	10.0	6.88	0.4643096	0.2111652		-31.2	20	*
Methyl tert-Butyl Ether (MTBE)	A	10.0	10.1	0.5956711	0.6008205		0.9	20	
Methyl Cyclohexane	A	10.0	9.65	0.2972607	0.2867237		-3.5	20	
Methylene Chloride	A	10.0	9.09	0.4175738	0.379384		-9.1	20	
4-Methyl-2-pentanone (MIBK)	A	100	90.5	0.1516821	0.1372352		-9.5	20	
Styrene	A	10.0	9.80	1.109244	1.087417		-2.0	20	
1,1,2,2-Tetrachloroethane	A	10.0	9.23	0.4673397	0.4312971		-7.7	20	
Tetrachloroethylene	A	10.0	10.7	0.2350574	0.2513214		6.9	20	
Toluene	A	10.0	10.1	0.8018204	0.8093328		0.9	20	
1,2,3-Trichlorobenzene	A	10.0	9.51	0.304324	0.2895272		-4.9	20	
1,2,4-Trichlorobenzene	A	10.0	10.0	0.3856043	0.3866084		0.3	20	
1,1,1-Trichloroethane	A	10.0	10.6	0.3984225	0.4214436		5.8	20	
1,1,2-Trichloroethane	A	10.0	10.0	0.1570952	0.1577223		0.4	20	
Trichloroethylene	A	10.0	10.4	0.198617	0.2068155		4.1	20	
Trichlorofluoromethane (Freon 11)	A	10.0	9.17	0.6053005	0.5550968		-8.3	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	9.51	0.3401857	0.323428		-4.9	20	
Vinyl Chloride	A	10.0	6.07	0.3833392	0.2328284		-39.3	20	*
m+p Xylene	A	20.0	20.1	1.526964	1.532896		0.4	20	
o-Xylene	A	10.0	10.3	1.478854	1.518404		2.7	20	
1,2-Dichloroethane-d4	A	25.0	25.2	0.4662628	0.4693639		0.7		
Toluene-d8	A	25.0	25.2	1.134016	1.142954		0.8		
4-Bromofluorobenzene	A	25.0	24.7	0.893423	0.8813166		-1.4		

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0631
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA5	Calibration:	2100495
Lab File ID:	E21V134711.D	Calibration Date:	11/02/21 10:46
Sequence:	S066340	Injection Date:	12/13/21
Lab Sample ID:	S066340-CCV1	Injection Time:	11:16

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	89.1	9.971721E-02	8.880928E-02		-10.9	20	
Acrylonitrile	A	10.0	9.68	0.1206755	0.1167954		-3.2	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	11.2	0.5875525	0.658882		12.1	20	
Benzene	A	10.0	10.3	1.030994	1.063411		3.1	20	
Bromobenzene	A	10.0	9.67	0.6578564	0.6362018		-3.3	20	
Bromochloromethane	A	10.0	11.2	0.1760127	0.1975662		12.2	20	
Bromodichloromethane	A	10.0	9.99	0.240508	0.2402368		-0.1	20	
Bromoform	A	10.0	10.8	0.2640673	0.2864024		8.5	20	
Bromomethane	A	10.0	8.10	0.2069564	0.16761		-19.0	20	
2-Butanone (MEK)	A	100	103	0.1063407	0.1093416		2.8	20	
tert-Butyl Alcohol (TBA)	A	100	104	3.144159E-02	3.259389E-02		3.7	20	
n-Butylbenzene	A	10.0	9.71	1.254044	1.217883		-2.9	20	
sec-Butylbenzene	A	10.0	9.76	1.741751	1.699837		-2.4	20	
tert-Butylbenzene	A	10.0	9.90	1.245599	1.23255		-1.0	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	11.1	0.6138734	0.6817085		11.1	20	
Carbon Disulfide	A	100	80.3	0.9333128	0.7495813		-19.7	20	
Carbon Tetrachloride	A	10.0	10.8	0.3734387	0.4028506		7.9	20	
Chlorobenzene	A	10.0	9.81	1.177246	1.155131		-1.9	20	
Chlorodibromomethane	A	10.0	10.3	0.1919733	0.1976015		2.9	20	
Chloroethane	A	10.0	9.90	0.202755	0.2006438		-1.0	20	
Chloroform	A	10.0	10.3	0.4696446	0.4857246		3.4	20	
Chloromethane	A	10.0	6.73	0.2837817	0.191054		-32.7	20	*
2-Chlorotoluene	A	10.0	9.42	1.248309	1.175359		-5.8	20	
4-Chlorotoluene	A	10.0	9.83	1.261032	1.239815		-1.7	20	
Cyclohexane	A	10.0	10.4	0.3892371	0.4058414		4.3	20	
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	10.1	6.483508E-02	6.545115E-02		1.0	20	
1,2-Dibromoethane (EDB)	A	10.0	10.4	0.1705556	0.1770478		3.8	20	
Dibromomethane	A	10.0	10.2	0.1202042	0.1222357		1.7	20	
1,2-Dichlorobenzene	A	10.0	9.85	0.7607758	0.7494666		-1.5	20	

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0631
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA5	Calibration:	2100495
Lab File ID:	E21V134711.D	Calibration Date:	11/02/21 10:46
Sequence:	S066340	Injection Date:	12/13/21
Lab Sample ID:	S066340-CCV1	Injection Time:	11:16

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,3-Dichlorobenzene	A	10.0	9.90	0.8652448	0.8566725		-1.0	20	
1,4-Dichlorobenzene	A	10.0	9.82	0.8729494	0.8570399		-1.8	20	
trans-1,4-Dichloro-2-butene	A	10.0	10.0	0.1022698	0.1026246		0.3	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	9.73	0.4316492	0.4199849		-2.7	20	
1,1-Dichloroethane	A	10.0	10.3	0.4279142	0.4404478		2.9	20	
1,2-Dichloroethane	A	10.0	9.41	0.2511954	0.2363381		-5.9	20	
1,1-Dichloroethylene	A	10.0	8.66	0.5394836	0.4673553		-13.4	20	
cis-1,2-Dichloroethylene	A	10.0	10.4	0.3397741	0.3522193		3.7	20	
trans-1,2-Dichloroethylene	A	10.0	8.63	0.4007514	0.3460255		-13.7	20	
1,2-Dichloropropane	A	10.0	9.95	0.174309	0.1734455		-0.5	20	
1,3-Dichloropropane	A	10.0	10.1	0.2603321	0.2633853		1.2	20	
2,2-Dichloropropane	A	10.0	11.4	0.340166	0.3862758		13.6	20	
1,1-Dichloropropene	A	10.0	10.4	0.3492152	0.3617416		3.6	20	
cis-1,3-Dichloropropene	A	10.0	10.0	0.2730169	0.2728817		-0.05	20	
trans-1,3-Dichloropropene	A	10.0	10.7	0.2164539	0.2323802		7.4	20	
Diethyl Ether	A	10.0	9.58	0.2074504	0.1987432		-4.2	20	
Diisopropyl Ether (DIPE)	A	10.0	10.6	0.6295705	0.6694463		6.3	20	
1,4-Dioxane	A	100	104	2.079222E-03	2.169303E-03		4.3	20	
Ethylbenzene	A	10.0	10.0	1.891333	1.898378		0.4	20	
Hexachlorobutadiene	A	10.0	9.21	0.2126581	0.1957883		-7.9	20	
2-Hexanone (MBK)	A	100	103	0.1042072	0.1068642		2.5	20	
Isopropylbenzene (Cumene)	A	10.0	9.63	1.934676	1.863657		-3.7	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	9.67	1.440419	1.392815		-3.3	20	
Methyl Acetate	A	10.0	7.85	0.4643096	0.2368132		-21.5	20	*
Methyl tert-Butyl Ether (MTBE)	A	10.0	11.6	0.5956711	0.6905652		15.9	20	
Methyl Cyclohexane	A	10.0	9.57	0.2972607	0.2844066		-4.3	20	
Methylene Chloride	A	10.0	9.08	0.4175738	0.3793584		-9.2	20	
4-Methyl-2-pentanone (MIBK)	A	100	104	0.1516821	0.1574365		3.8	20	
Naphthalene	A	10.0	9.16	0.81896	0.7505405		-8.4	20	

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L0631
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA5	Calibration:	2100495
Lab File ID:	E21V134711.D	Calibration Date:	11/02/21 10:46
Sequence:	S066340	Injection Date:	12/13/21
Lab Sample ID:	S066340-CCV1	Injection Time:	11:16

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
n-Propylbenzene	A	10.0	9.65	2.176342	2.09922		-3.5	20	
Styrene	A	10.0	9.64	1.109244	1.069471		-3.6	20	
1,1,1,2-Tetrachloroethane	A	10.0	9.87	0.4074272	0.4020652		-1.3	20	
1,1,2,2-Tetrachloroethane	A	10.0	9.82	0.4673397	0.4590067		-1.8	20	
Tetrachloroethylene	A	10.0	10.2	0.2350574	0.2393346		1.8	20	
Tetrahydrofuran	A	10.0	10.7	6.099569E-02	6.523795E-02		7.0	20	
Toluene	A	10.0	10.1	0.8018204	0.8105383		1.1	20	
1,2,3-Trichlorobenzene	A	10.0	8.65	0.304324	0.2631894		-13.5	20	
1,2,4-Trichlorobenzene	A	10.0	9.41	0.3856043	0.3627791		-5.9	20	
1,3,5-Trichlorobenzene	A	10.0	9.77	0.4713041	0.46032		-2.3	20	
1,1,1-Trichloroethane	A	10.0	10.5	0.3984225	0.4185571		5.1	20	
1,1,2-Trichloroethane	A	10.0	10.0	0.1570952	0.15791		0.5	20	
Trichloroethylene	A	10.0	10.2	0.198617	0.2024683		1.9	20	
Trichlorofluoromethane (Freon 11)	A	10.0	9.27	0.6053005	0.5613821		-7.3	20	
1,2,3-Trichloropropane	A	10.0	9.84	0.3519139	0.3461408		-1.6	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.2	0.3401857	0.3466912		1.9	20	
1,2,4-Trimethylbenzene	A	10.0	10.1	1.362441	1.378134		1.2	20	
1,3,5-Trimethylbenzene	A	10.0	9.66	1.42661	1.377529		-3.4	20	
Vinyl Chloride	A	10.0	5.06	0.3833392	0.1941123		-49.4	20	*
m+p Xylene	A	20.0	19.8	1.526964	1.509005		-1.2	20	
o-Xylene	A	10.0	10.1	1.478854	1.499845		1.4	20	
1,2-Dichloroethane-d4	A	25.0	27.4	0.4662628	0.5113297		9.7		
Toluene-d8	A	25.0	25.0	1.134016	1.133996		-0.002		
4-Bromofluorobenzene	A	25.0	24.6	0.893423	0.8796361		-1.5		

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Stuart Olver Holtz #48022480
Con-Test Analytical Laboratory SDG#22A0274
February 10, 2022
Sampling date: 1/4-6/2022

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for TRC, project located at Stuart Olver Holtz #48022480, Con-Test Analytical Laboratory SDG#22A0274-1 submitted to Vali-Data of WNY, LLC on January 28, 2021. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analysis using USEPA method Volatile Organics (8260D).

ID	Sample ID	Laboratory ID
1	Trip Blank	22A0274-01
2	SOH-MW-07	22A0274-02
3	SOH-URS-05	22A0274-03
4	SOH-URS-04	22A0274-04
5	SOH-MW-08	22A0274-05
6	SOH-MW-09	22A0274-06
7	SOH-MW-10	22A0274-07
8	SOH-B1-PZ-03	22A0274-08
9	SOH-MW-05	22A0274-09
10	SOH-DUP-1	22A0274-10

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports
-Holding Times
-Internal Standard (IS) Area Performance
-Surrogate Spike Recoveries
-Method Blank
-Field Duplicate Sample Precision
-Laboratory Control Samples
-MS/MSD
-Compound Quantitation
-Initial Calibration
-Continuing Calibration
-GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in MS/MSD, Compound Quantitation, Initial Calibration and Continuing Calibration.

Sample: 9 was diluted due to high target analyte concentrations.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.
Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met except the pH of the sample was not recorded. The samples were analyzed within the 7-day window, so no further action is required.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All criteria were met.

LABORATORY CONTROL SAMPLES
All criteria were met.

MS/MSD
All criteria were met except one target analyte was outside QC limits and should be qualified as estimated. Target analytes in which the %Rec was outside QC limits, high should be qualified as estimated high in the associated samples in which they were detected. Target analytes in which the %Rec was outside QC limits, low or the RPD was outside QC limits, should be qualified as estimated in the associated samples.

Target analyte	%Rec 2MS	%Rec 2MSD	RPD	Qualifier	Associated Sample
Vinyl chloride	56.2	57.2	-	J	2

COMPOUND QUANTITATION
All criteria were met except a couple of target analytes were detected in Trip Blank and should be qualified in the associated samples in which they were detected.

Sample ID	Target Analyte	Concentration(ug/L)	Qualifier	Associated Sample
Trip Blank	Toluene	.36	U at RL	7, 10
Trip Blank	m&p-Xylene	.18	U at RL	none

INITIAL CALIBRATION
All criteria were met except the RRF of Bromodichloromethane, Chlorodibromomethane, 1,2-Dibromoethane, 1,4-Dioxane, 1,1,2-Trichloroethane, 1,2,3-Trichlorobenzene and 1,2,4-Trichlorobenzene were outside QC limits in the initial calibration. These target analytes should be qualified as estimated in the blanks, samples and spikes.
Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION
All criteria were met except the RRF of Bromodichloromethane, Chlorodibromomethane, 1,2-Dibromoethane, 1,4-Dioxane, 1,1,2-Trichloroethane, 1,2,3-Trichlorobenzene and 1,2,4-Trichlorobenzene were outside QC limits in the continuing calibration. These target analytes should be qualified as estimated in the blanks, samples and spikes.

GC/MS PERFORMANCE CHECK
All criteria were met.

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8260D

Qualifications:

MS-07A

Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possibility of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.

Analyte & Samples(s) Qualified:

Vinyl Chloride

22A0274-02[SOH-MW-07], B298587-MS1, B298587-MSD1

MS-22

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

Analyte & Samples(s) Qualified:

Methyl Acetate

B298587-MSD1

trans-1,4-Dichloro-2-butene

B298587-MSD1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

22A0274-09[SOH-MW-05]

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: Trip Blank | Sampled: 1/4/2022 14:00

Sample ID: 22A0274-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: Trip Blank | Sampled: 1/4/2022 14:00

Sample ID: 22A0274-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Toluene	0.36	1.0	0.11	µg/L	1	J	SW-846 8260D	1/10/22	1/10/22 11:24	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH
m+p Xylene	0.18	2.0	0.18	µg/L	1	J	SW-846 8260D	1/10/22	1/10/22 11:24	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 11:24	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	108	70-130		1/10/22 11:24
Toluene-d8	101	70-130		1/10/22 11:24
4-Bromofluorobenzene	96.3	70-130		1/10/22 11:24

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: Trip Blank | Sampled: 1/4/2022 14:00

Sample ID: 22A0274-01

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	1/10/22	1/10/22 11:24	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: SOH-MW-07 | Sampled: 1/4/2022 15:00

Sample ID: 22A0274-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
cis-1,2-Dichloroethylene	0.26	1.0	0.15	µg/L	1	J	SW-846 8260D	1/10/22	1/10/22 12:45	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: SOH-MW-07 | Sampled: 1/4/2022 15:00

Sample ID: 22A0274-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
1,4-Dioxane	130	50	22	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Methyl tert-Butyl Ether (MTBE)	0.27	1.0	0.17	µg/L	1	J	SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Trichloroethylene	0.20	1.0	0.18	µg/L	1	J	SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
Vinyl Chloride	12	2.0	0.20	µg/L	1	MS-07A	SW-846 8260D	1/10/22	1/10/22 12:45	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:45	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	108	70-130		1/10/22 12:45
Toluene-d8	99.8	70-130		1/10/22 12:45
4-Bromofluorobenzene	96.9	70-130		1/10/22 12:45

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: SOH-MW-07 | Sampled: 1/4/2022 15:00

Sample ID: 22A0274-02

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	1/10/22	1/10/22 12:45	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: SOH-URS-05 | Sampled: 1/5/2022 12:45

Sample ID: 22A0274-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: SOH-URS-05 | Sampled: 1/5/2022 12:45

Sample ID: 22A0274-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 12:18	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		1/10/22 12:18
Toluene-d8	100	70-130		1/10/22 12:18
4-Bromofluorobenzene	97.6	70-130		1/10/22 12:18

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: SOH-URS-05 | Sampled: 1/5/2022 12:45

Sample ID: 22A0274-03

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	1/10/22	1/10/22 12:18	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: SOH-URS-04 | Sampled: 1/5/2022 14:05

Sample ID: 22A0274-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: SOH-URS-04 | Sampled: 1/5/2022 14:05

Sample ID: 22A0274-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Methyl tert-Butyl Ether (MTBE)	0.25	1.0	0.17	µg/L	1	J	SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:12	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	109	70-130		1/10/22 13:12
Toluene-d8	101	70-130		1/10/22 13:12
4-Bromofluorobenzene	97.2	70-130		1/10/22 13:12

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: SOH-URS-04 | Sampled: 1/5/2022 14:05

Sample ID: 22A0274-04

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	1/10/22	1/10/22 13:12	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: SOH-MW-08 | Sampled: 1/5/2022 15:10

Sample ID: 22A0274-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: SOH-MW-08 | Sampled: 1/5/2022 15:10

Sample ID: 22A0274-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Methyl tert-Butyl Ether (MTBE)	0.17	1.0	0.17	µg/L	1	J	SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 13:39	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		1/10/22 13:39
Toluene-d8	100	70-130		1/10/22 13:39
4-Bromofluorobenzene	96.0	70-130		1/10/22 13:39

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: SOH-MW-08 | Sampled: 1/5/2022 15:10

Sample ID: 22A0274-05

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	1/10/22	1/10/22 13:39	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: SOH-MW-09 | Sampled: 1/5/2022 16:00

Sample ID: 22A0274-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Dichlorodifluoromethane (Freon 12)	0.60	2.0	0.20	µg/L	1	J	SW-846 8260D	1/10/22	1/10/22 14:06	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: SOH-MW-09 | Sampled: 1/5/2022 16:00

Sample ID: 22A0274-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:06	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		1/10/22 14:06
Toluene-d8	101	70-130		1/10/22 14:06
4-Bromofluorobenzene	96.9	70-130		1/10/22 14:06

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: SOH-MW-09 | Sampled: 1/5/2022 16:00

Sample ID: 22A0274-06

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	1/10/22	1/10/22 14:06	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: SOH-MW-10 | Sampled: 1/6/2022 11:15

Sample ID: 22A0274-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	37	50	2.4	µg/L	1	J	SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Benzene	0.15	1.0	0.13	µg/L	1	J	SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
2-Butanone (MEK)	8.1	20	1.9	µg/L	1	J	SW-846 8260D	1/10/22	1/10/22 14:33	EEH
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: SOH-MW-10 | Sampled: 1/6/2022 11:15

Sample ID: 22A0274-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Toluene	0.11	1.0	0.11	µg/L	1	J	SW-846 8260D	1/10/22	1/10/22 14:33	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 14:33	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	109	70-130		1/10/22 14:33
Toluene-d8	101	70-130		1/10/22 14:33
4-Bromofluorobenzene	97.5	70-130		1/10/22 14:33

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: SOH-MW-10 | Sampled: 1/6/2022 11:15

Sample ID: 22A0274-07

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	1/10/22	1/10/22 14:33	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: SOH-B1-PZ-03 | Sampled: 1/6/2022 13:10

Sample ID: 22A0274-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
1,1-Dichloroethane	0.23	1.0	0.16	µg/L	1	J	SW-846 8260D	1/10/22	1/10/22 15:01	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: SOH-B1-PZ-03 | Sampled: 1/6/2022 13:10

Sample ID: 22A0274-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:01	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	108	70-130		1/10/22 15:01
Toluene-d8	101	70-130		1/10/22 15:01
4-Bromofluorobenzene	97.1	70-130		1/10/22 15:01

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: SOH-B1-PZ-03 | Sampled: 1/6/2022 13:10

Sample ID: 22A0274-08

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	1/10/22	1/10/22 15:01	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: SOH-MW-05 | Sampled: 1/6/2022 14:35

Sample ID: 22A0274-09

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	1000	47	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Acrylonitrile	ND	100	14	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
tert-Amyl Methyl Ether (TAME)	ND	10	3.0	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Benzene	ND	20	2.6	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Bromobenzene	ND	20	2.6	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Bromochloromethane	ND	20	7.2	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Bromodichloromethane	ND	10	2.8	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Bromoform	ND	20	5.8	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Bromomethane	ND	40	21	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
2-Butanone (MEK)	82	400	38	µg/L	20	J	SW-846 8260D	1/10/22	1/10/22 16:22	EEH
tert-Butyl Alcohol (TBA)	ND	400	110	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
n-Butylbenzene	ND	20	2.8	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
sec-Butylbenzene	ND	20	2.0	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
tert-Butylbenzene	ND	20	1.8	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	10	2.2	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Carbon Disulfide	ND	100	30	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Carbon Tetrachloride	ND	100	3.4	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Chlorobenzene	ND	20	1.6	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Chlorodibromomethane	ND	10	3.2	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Chloroethane	15	40	7.4	µg/L	20	J	SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Chloroform	ND	40	3.8	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Chloromethane	ND	40	7.6	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
2-Chlorotoluene	ND	20	1.8	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
4-Chlorotoluene	ND	20	2.0	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	100	14	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
1,2-Dibromoethane (EDB)	ND	10	3.0	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Dibromomethane	ND	20	5.8	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
1,2-Dichlorobenzene	ND	20	2.0	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
1,3-Dichlorobenzene	ND	20	1.8	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
1,4-Dichlorobenzene	ND	20	2.2	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
trans-1,4-Dichloro-2-butene	ND	40	36	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Dichlorodifluoromethane (Freon 12)	ND	40	4.0	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
1,1-Dichloroethane	580	20	3.2	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
1,2-Dichloroethane	ND	20	6.4	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
1,1-Dichloroethylene	80	20	3.2	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
cis-1,2-Dichloroethylene	1100	20	3.0	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
trans-1,2-Dichloroethylene	8.6	20	3.4	µg/L	20	J	SW-846 8260D	1/10/22	1/10/22 16:22	EEH
1,2-Dichloropropane	ND	20	3.6	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
1,3-Dichloropropane	ND	10	2.4	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
2,2-Dichloropropane	ND	20	6.2	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
1,1-Dichloropropene	ND	40	5.2	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
cis-1,3-Dichloropropene	ND	10	2.4	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
trans-1,3-Dichloropropene	ND	10	3.0	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Diethyl Ether	ND	40	4.4	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: SOH-MW-05 | Sampled: 1/6/2022 14:35

Sample ID: 22A0274-09

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	10	3.0	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
1,4-Dioxane	ND	1000	430	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Ethylbenzene	ND	20	1.8	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Hexachlorobutadiene	ND	12	8.2	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
2-Hexanone (MBK)	ND	200	28	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Isopropylbenzene (Cumene)	ND	20	2.0	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
p-Isopropyltoluene (p-Cymene)	ND	20	1.8	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Methyl Acetate	ND	20	7.8	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Methyl tert-Butyl Ether (MTBE)	8.0	20	3.4	µg/L	20	J	SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Methyl Cyclohexane	ND	20	6.6	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Methylene Chloride	ND	100	6.0	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
4-Methyl-2-pentanone (MIBK)	ND	200	32	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Naphthalene	ND	40	3.0	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
n-Propylbenzene	ND	20	1.6	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Styrene	ND	20	1.6	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
1,1,1,2-Tetrachloroethane	ND	20	2.8	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
1,1,2,2-Tetrachloroethane	ND	10	1.8	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Tetrachloroethylene	1700	20	4.0	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Tetrahydrofuran	57	200	12	µg/L	20	J	SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Toluene	ND	20	2.2	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
1,2,3-Trichlorobenzene	ND	100	2.8	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
1,2,4-Trichlorobenzene	ND	20	3.2	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
1,3,5-Trichlorobenzene	ND	20	3.6	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
1,1,1-Trichloroethane	120	20	3.4	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
1,1,2-Trichloroethane	ND	20	3.0	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Trichloroethylene	670	20	3.6	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Trichlorofluoromethane (Freon 11)	ND	40	3.8	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
1,2,3-Trichloropropane	ND	40	6.2	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11	20	4.8	µg/L	20	J	SW-846 8260D	1/10/22	1/10/22 16:22	EEH
1,2,4-Trimethylbenzene	ND	20	2.0	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
1,3,5-Trimethylbenzene	ND	20	2.0	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
Vinyl Chloride	130	40	4.0	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
m+p Xylene	ND	40	3.6	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH
o-Xylene	ND	20	1.8	µg/L	20		SW-846 8260D	1/10/22	1/10/22 16:22	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		1/10/22 16:22
Toluene-d8	99.4	70-130		1/10/22 16:22
4-Bromofluorobenzene	96.4	70-130		1/10/22 16:22

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: SOH-MW-05 | Sampled: 1/6/2022 14:35

Sample ID: 22A0274-09

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			20			SW-846 8260D	1/10/22	1/10/22 16:22	EEH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: SOH-DUP-1 | Sampled: 1/4/2022 07:00

Sample ID: 22A0274-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	36	50	2.4	µg/L	1	J	SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Benzene	0.17	1.0	0.13	µg/L	1	J	SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
2-Butanone (MEK)	7.9	20	1.9	µg/L	1	J	SW-846 8260D	1/10/22	1/10/22 15:55	EEH
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: SOH-DUP-1 | Sampled: 1/4/2022 07:00

Sample ID: 22A0274-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Toluene	0.12	1.0	0.11	µg/L	1	J	SW-846 8260D	1/10/22	1/10/22 15:55	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/10/22	1/10/22 15:55	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		1/10/22 15:55
Toluene-d8	99.4	70-130		1/10/22 15:55
4-Bromofluorobenzene	97.0	70-130		1/10/22 15:55

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Project Location: Henrietta, NY | Sample Description: | Work Order: 22A0274

Date Received: 1/7/2022

Field Sample #: SOH-DUP-1 | Sampled: 1/4/2022 07:00

Sample ID: 22A0274-10

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	1/10/22	1/10/22 15:55	EEH

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

SOH-MW-07

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	22A0274
Client:	NYDEC_TRC Environmental Corporation- Clifton Par	Project:	Stuart Olver Holtz- CO SMPB0001
Matrix:	Water	Analysis:	SW-846 8260D
Batch:	B298587	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B298587-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	22A0274-02
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
1,1,2,2-Tetrachloroethane	20.0	ND	16.8	84.1		70 - 130
Tetrachloroethylene	20.0	ND	16.1	80.4		70 - 130
Tetrahydrofuran	20.0	ND	16.3	81.7		70 - 130
Toluene	20.0	ND	16.6	82.8		70 - 130
1,2,3-Trichlorobenzene	20.0	ND	14.4	71.8		70 - 130
1,2,4-Trichlorobenzene	20.0	ND	14.6	72.8		70 - 130
1,3,5-Trichlorobenzene	20.0	ND	15.1	75.6		70 - 130
1,1,1-Trichloroethane	20.0	ND	18.1	90.6		70 - 130
1,1,2-Trichloroethane	20.0	ND	16.6	82.8		70 - 130
Trichloroethylene	20.0	0.200	17.4	85.9		70 - 130
Trichlorofluoromethane (Freon 11)	20.0	ND	18.0	89.8		70 - 130
1,2,3-Trichloropropane	20.0	ND	16.8	84.0		70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	20.0	ND	17.2	86.0		70 - 130
1,2,4-Trimethylbenzene	20.0	ND	16.4	81.8		70 - 130
1,3,5-Trimethylbenzene	20.0	ND	16.1	80.5		70 - 130
Vinyl Chloride	20.0	12.1	23.3	56.2	*	70 - 130
m+p Xylene	40.0	ND	33.8	84.6		70 - 130
o-Xylene	20.0	ND	17.2	85.9		70 - 130

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

SOH-MW-07

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	22A0274
Client:	NYDEC_TRC Environmental Corporation- Clifton Par	Project:	Stuart Olver Holtz- CO SMPB0001
Matrix:	Water	Analysis:	SW-846 8260D
Batch:	B298587	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B298587-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	22A0274-02
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
1,1,2,2-Tetrachloroethane	20.0	16.3	81.6		3.02	30	70 - 130
Tetrachloroethylene	20.0	16.2	81.0		0.620	30	70 - 130
Tetrahydrofuran	20.0	15.3	76.4		6.64	30	70 - 130
Toluene	20.0	16.3	81.6		1.40	30	70 - 130
1,2,3-Trichlorobenzene	20.0	16.6	83.0		14.5	30	70 - 130
1,2,4-Trichlorobenzene	20.0	15.7	78.6		7.73	30	70 - 130
1,3,5-Trichlorobenzene	20.0	15.8	79.0		4.27	30	70 - 130
1,1,1-Trichloroethane	20.0	17.5	87.5		3.43	30	70 - 130
1,1,2-Trichloroethane	20.0	16.0	79.8		3.81	30	70 - 130
Trichloroethylene	20.0	16.7	82.4		4.05	30	70 - 130
Trichlorofluoromethane (Freon 11)	20.0	17.7	88.6		1.46	30	70 - 130
1,2,3-Trichloropropane	20.0	16.2	81.2		3.45	30	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	20.0	17.5	87.6		1.90	30	70 - 130
1,2,4-Trimethylbenzene	20.0	16.6	82.8		1.28	30	70 - 130
1,3,5-Trimethylbenzene	20.0	16.6	82.8		2.88	30	70 - 130
Vinyl Chloride	20.0	23.5	57.2	*	0.812	30	70 - 130
m+p Xylene	40.0	33.9	84.8		0.177	20	70 - 130
o-Xylene	20.0	16.9	84.6		1.47	30	70 - 130

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	22A0274
Client:	NYDEC_TRC Environmental Corporation- Clifton Park	Project:	Stuart Olver Holtz- CO SMPB0001
Calibration:	2200004	Instrument:	GCMSVOA5
		Calibration Date:	1/4/2022 7:35:39AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
Acetone	7.159683E-02	9.0			20	
Acrolein	5.172498E-02	9.1			20	
Acrylonitrile	0.1052471	6.7			20	
tert-Amyl Methyl Ether (TAME)	0.7209663	8.2			20	
Benzene	1.222011	2.8			20	
Bromobenzene	0.6260948	7.3			20	
Bromochloromethane	0.2164615	15.8			20	
Bromodichloromethane	0.2476398	9.4			20	
Bromoform	0.2154443	17.7			20	
Bromomethane	0.1573628	15.6			20	
2-Butanone (MEK)	0.121202	5.9			20	
tert-Butyl Alcohol (TBA)	2.292431E-02	11.7			20	
n-Butylbenzene	1.352282	14.3			20	
sec-Butylbenzene	1.802855	11.0			20	
tert-Butylbenzene	1.253487	10.8			20	
tert-Butyl Ethyl Ether (TBEE)	0.79178	8.0			20	
Carbon Disulfide	0.7967695	8.3			20	
Carbon Tetrachloride	0.3758494	9.0			20	
Chlorobenzene	1.046329	5.5			20	
Chlorodibromomethane	0.1869851	12.4			20	
Chloroethane	0.1804872	13.5			20	
2-Chloroethyl Vinyl Ether	0.1269573	10.0			20	
Chloroform	0.5125747	4.5			20	
Chloromethane	0.3417516	14.5			20	
2-Chlorotoluene	1.177333	4.8			20	
4-Chlorotoluene	1.18012	7.4			20	
Cyclohexane	0.5311212	6.5			20	
1,2-Dibromo-3-chloropropane (DBCP)	6.088938E-02	17.9			20	
1,2-Dibromoethane (EDB)	0.1626881	10.9			20	
Dibromomethane	0.1175663	6.3			20	
1,2-Dichlorobenzene	0.7237142	7.8			20	

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	22A0274
Client:	NYDEC_TRC Environmental Corporation- Clifton Park	Project:	Stuart Olver Holtz- CO SMPB0001
Calibration:	2200004	Instrument:	GCMSVOA5
		Calibration Date:	1/4/2022 7:35:39AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
1,3-Dichlorobenzene	0.807913	9.2			20	
1,4-Dichlorobenzene	0.8249951	6.8			20	
trans-1,4-Dichloro-2-butene	0.1075568	11.3			20	
Dichlorodifluoromethane (Freon 12)	0.388165	6.7			20	
1,1-Dichloroethane	0.5225156	5.3			20	
1,2-Dichloroethane	0.257927	13.0			20	
1,1-Dichloroethylene	0.4222399	4.5			20	
cis-1,2-Dichloroethylene	0.4139672	5.1			20	
trans-1,2-Dichloroethylene	0.4209055	4.7			20	
Dichlorofluoromethane (Freon 21)	0.5179793	6.3			20	
1,2-Dichloropropane	0.2033845	5.9			20	
1,3-Dichloropropane	0.2792627	9.6			20	
2,2-Dichloropropane	0.3895988	6.6			20	
1,1-Dichloropropene	0.4005375	6.9			20	
cis-1,3-Dichloropropene	0.3065878	11.4			20	
trans-1,3-Dichloropropene	0.2426863	14.0			20	
Diethyl Ether	0.1934383	5.7			20	
Difluorochloromethane (Freon 22)	0.4034106	7.5			20	
Diisopropyl Ether (DIPE)	0.8727756	5.2			20	
1,4-Dioxane	2.088244E-03	8.5			20	
Ethanol	4.97788E-03	18.4			20	
Ethyl Acetate	0.2454666	8.4			20	
Ethylbenzene	1.760677	7.7			20	
Hexachlorobutadiene	0.2072355	12.1			20	
2-Hexanone (MBK)	0.1139797	11.7			20	
Iodomethane	0.3812631	19.0			20	
Isopropylbenzene (Cumene)	1.744379	6.3			20	
p-Isopropyltoluene (p-Cymene)	1.469487	11.6			20	
Methyl Acetate	0.2306531	15.6			20	
Methyl tert-Butyl Ether (MTBE)	0.703102	7.8			20	
Methyl Cyclohexane	0.3318229	6.8			20	

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	22A0274
Client:	NYDEC_TRC Environmental Corporation- Clifton Park	Project:	Stuart Olver Holtz- CO SMPB0001
Calibration:	2200004	Instrument:	GCMSVOA5
		Calibration Date:	1/4/2022 7:35:39AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
Methylene Chloride	0.3681109	8.0			20	
4-Methyl-2-pentanone (MIBK)	0.1679712	10.9			20	
Naphthalene	0.771276	17.0			20	
n-Propylbenzene	2.023007	8.8			20	
Styrene	1.00575	11.8			20	
1,1,1,2-Tetrachloroethane	0.3436871	10.3			20	
1,1,2,2-Tetrachloroethane	0.3970277	10.4			20	
Tetrachloroethylene	0.2229981	5.4			20	
Tetrahydrofuran	7.719281E-02	11.4			20	
Toluene	0.8432327	4.1			20	
1,2,3-Trichlorobenzene	0.2664118	16.8			20	
1,2,4-Trichlorobenzene	0.3606225	14.8			20	
1,3,5-Trichlorobenzene	0.4526021	13.7			20	
1,1,1-Trichloroethane	0.4099857	8.7			20	
1,1,2-Trichloroethane	0.1579222	8.3			20	
Trichloroethylene	0.2016221	6.4			20	
Trichlorofluoromethane (Freon 11)	0.439477	6.2			20	
1,2,3-Trichloropropane	0.304366	11.3			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.2881461	6.6			20	
1,2,3-Trimethylbenzene	1.37952	9.9			20	
1,2,4-Trimethylbenzene	1.396902	12.4			20	
1,3,5-Trimethylbenzene	1.283313	10.8			20	
Vinyl Acetate	0.6095244	9.9			20	
Vinyl Chloride	0.2174587	13.9			20	
m+p Xylene	1.393248	7.6			20	
o-Xylene	1.363976	7.5			20	
1,2-Dichloroethane-d4	0.4950766	2.1			20	
Toluene-d8	1.190889	1.2			20	
4-Bromofluorobenzene	0.8597184	2.0			20	

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	22A0274
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA5	Calibration:	2200004
Lab File ID:	E22V101003.D	Calibration Date:	01/04/22 07:35
Sequence:	S067237	Injection Date:	01/10/22
Lab Sample ID:	S067237-CCV1	Injection Time:	07:42

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	100	95.2	7.159683E-02	6.814826E-02		-4.8	20
Acrylonitrile	A	10.0	9.89	0.1052471	0.1041154		-1.1	20
tert-Amyl Methyl Ether (TAME)	A	10.0	10.2	0.7209663	0.7325539		1.6	20
Benzene	A	10.0	10.1	1.222011	1.234083		1.0	20
Bromobenzene	A	10.0	10.4	0.6260948	0.6543935		4.5	20
Bromochloromethane	A	10.0	12.0	0.2164615	0.2587321		19.5	20
Bromodichloromethane	A	10.0	9.92	0.2476398	0.2455688		-0.8	20
Bromoform	A	10.0	10.3	0.2154443	0.2212764		2.7	20
Bromomethane	A	10.0	8.25	0.1573628	0.1297687		-17.5	20
2-Butanone (MEK)	A	100	98.2	0.121202	0.1189952		-1.8	20
tert-Butyl Alcohol (TBA)	A	100	104	2.292431E-02	0.0239422		4.4	20
n-Butylbenzene	A	10.0	11.2	1.352282	1.520373		12.4	20
sec-Butylbenzene	A	10.0	11.1	1.802855	1.994864		10.7	20
tert-Butylbenzene	A	10.0	10.9	1.253487	1.368294		9.2	20
tert-Butyl Ethyl Ether (TBEE)	A	10.0	10.4	0.79178	0.8272767		4.5	20
Carbon Disulfide	A	100	112	0.7967695	0.8914064		11.9	20
Carbon Tetrachloride	A	10.0	10.6	0.3758494	0.4003004		6.5	20
Chlorobenzene	A	10.0	10.6	1.046329	1.106914		5.8	20
Chlorodibromomethane	A	10.0	9.84	0.1869851	0.1840765		-1.6	20
Chloroethane	A	10.0	9.95	0.1804872	0.1795642		-0.5	20
Chloroform	A	10.0	10.3	0.5125747	0.5266306		2.7	20
Chloromethane	A	10.0	8.86	0.3417516	0.3028992		-11.4	20
2-Chlorotoluene	A	10.0	10.1	1.177333	1.184626		0.6	20
4-Chlorotoluene	A	10.0	10.6	1.18012	1.255821		6.4	20
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	9.81	6.088938E-02	5.975851E-02		-1.9	20
1,2-Dibromoethane (EDB)	A	10.0	10.1	0.1626881	0.1647843		1.3	20
Dibromomethane	A	10.0	10.2	0.1175663	0.120382		2.4	20
1,2-Dichlorobenzene	A	10.0	10.7	0.7237142	0.7742568		7.0	20
1,3-Dichlorobenzene	A	10.0	10.8	0.807913	0.8692523		7.6	20

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	22A0274
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA5	Calibration:	2200004
Lab File ID:	E22V101003.D	Calibration Date:	01/04/22 07:35
Sequence:	S067237	Injection Date:	01/10/22
Lab Sample ID:	S067237-CCV1	Injection Time:	07:42

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,4-Dichlorobenzene	A	10.0	10.7	0.8249951	0.8817134		6.9	20
trans-1,4-Dichloro-2-butene	A	10.0	10.0	0.1075568	0.1075156		-0.04	20
Dichlorodifluoromethane (Freon 12)	A	10.0	11.0	0.388165	0.4265238		9.9	20
1,1-Dichloroethane	A	10.0	10.4	0.5225156	0.5454249		4.4	20
1,2-Dichloroethane	A	10.0	9.11	0.257927	0.2349702		-8.9	20
1,1-Dichloroethylene	A	10.0	10.7	0.4222399	0.4534259		7.4	20
cis-1,2-Dichloroethylene	A	10.0	10.6	0.4139672	0.4374638		5.7	20
trans-1,2-Dichloroethylene	A	10.0	10.5	0.4209055	0.4414634		4.9	20
1,2-Dichloropropane	A	10.0	10.4	0.2033845	0.2107882		3.6	20
1,3-Dichloropropane	A	10.0	10.3	0.2792627	0.2877567		3.0	20
2,2-Dichloropropane	A	10.0	11.2	0.3895988	0.4372466		12.2	20
1,1-Dichloropropene	A	10.0	10.5	0.4005375	0.4202892		4.9	20
cis-1,3-Dichloropropene	A	10.0	10.4	0.3065878	0.3171985		3.5	20
trans-1,3-Dichloropropene	A	10.0	10.3	0.2426863	0.250683		3.3	20
Diethyl Ether	A	10.0	10.2	0.1934383	0.1968022		1.7	20
Diisopropyl Ether (DIPE)	A	10.0	10.6	0.8727756	0.9268767		6.2	20
1,4-Dioxane	A	100	90.5	2.088244E-03	1.889177E-03		-9.5	20
Ethylbenzene	A	10.0	10.7	1.760677	1.877368		6.6	20
Hexachlorobutadiene	A	10.0	10.8	0.2072355	0.2248276		8.5	20
2-Hexanone (MBK)	A	100	99.9	0.1139797	0.1138627		-0.1	20
Isopropylbenzene (Cumene)	A	10.0	10.8	1.744379	1.881016		7.8	20
p-Isopropyltoluene (p-Cymene)	A	10.0	11.0	1.469487	1.619431		10.2	20
Methyl Acetate	A	10.0	9.49	0.2306531	0.2189174		-5.1	20
Methyl tert-Butyl Ether (MTBE)	A	10.0	10.2	0.703102	0.7190079		2.3	20
Methyl Cyclohexane	A	10.0	10.6	0.3318229	0.3505534		5.6	20
Methylene Chloride	A	10.0	10.3	0.3681109	0.3803931		3.3	20
4-Methyl-2-pentanone (MIBK)	A	100	103	0.1679712	0.1722294		2.5	20
Naphthalene	A	10.0	9.52	0.771276	0.7341984		-4.8	20
n-Propylbenzene	A	10.0	10.8	2.023007	2.184667		8.0	20

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	22A0274
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA5	Calibration:	2200004
Lab File ID:	E22V101003.D	Calibration Date:	01/04/22 07:35
Sequence:	S067237	Injection Date:	01/10/22
Lab Sample ID:	S067237-CCV1	Injection Time:	07:42

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Styrene	A	10.0	10.6	1.00575	1.071261		6.5	20
1,1,1,2-Tetrachloroethane	A	10.0	10.6	0.3436871	0.3628745		5.6	20
1,1,2,2-Tetrachloroethane	A	10.0	10.4	0.3970277	0.414394		4.4	20
Tetrachloroethylene	A	10.0	10.4	0.2229981	0.2318216		4.0	20
Tetrahydrofuran	A	10.0	10.2	7.719281E-02	7.915882E-02		2.5	20
Toluene	A	10.0	10.2	0.8432327	0.8567303		1.6	20
1,2,3-Trichlorobenzene	A	10.0	10.0	0.2664118	0.2677473		0.5	20
1,2,4-Trichlorobenzene	A	10.0	10.7	0.3606225	0.3862056		7.1	20
1,3,5-Trichlorobenzene	A	10.0	11.0	0.4526021	0.4959226		9.6	20
1,1,1-Trichloroethane	A	10.0	10.6	0.4099857	0.4345772		6.0	20
1,1,2-Trichloroethane	A	10.0	9.99	0.1579222	0.1577651		-0.1	20
Trichloroethylene	A	10.0	10.5	0.2016221	0.2109217		4.6	20
Trichlorofluoromethane (Freon 11)	A	10.0	10.9	0.439477	0.4802917		9.3	20
1,2,3-Trichloropropane	A	10.0	10.5	0.304366	0.319381		4.9	20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.8	0.2881461	0.3127624		8.5	20
1,2,4-Trimethylbenzene	A	10.0	11.0	1.396902	1.533949		9.8	20
1,3,5-Trimethylbenzene	A	10.0	10.8	1.283313	1.387117		8.1	20
Vinyl Chloride	A	10.0	10.4	0.2174587	0.2253692		3.6	20
m+p Xylene	A	20.0	21.5	1.393248	1.497366		7.5	20
o-Xylene	A	10.0	10.7	1.363976	1.459141		7.0	20
1,2-Dichloroethane-d4	A	25.0	26.3	0.4950766	0.5202548		5.1	
Toluene-d8	A	25.0	24.6	1.190889	1.171656		-1.6	
4-Bromofluorobenzene	A	25.0	24.5	0.8597184	0.842782		-2.0	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Stuart Olver Holtz #48022480
Con-Test Analytical Laboratory SDG#21L1283
February 10, 2022
Reissued: April 26, 2022
Sampling date: 12/15, 16/2021

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package(reissued: April 26, 2022) for TRC, project located at Stuart Olver Holtz #48022480, Con-Test Analytical Laboratory SDG#21L1283-1 submitted to Vali-Data of WNY, LLC on January 28, 2022. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analysis using USEPA method Volatile Organics (8260D).

ID	Sample ID	Laboratory ID
1	Trip Blank	21L1283-01
2	SOH-DGW-01(33-37)	21L1283-02
3	SOH-DGW-14(31-35)	21L1283-03
4	SOH-DGW-06(31-35)	21L1283-04
5	SOH-DGW-01(6-10)	21L1283-05
6	SOH-DGW-03(30-34)	21L1283-06
7	SOH-DGW-03(7-11)	21L1283-07
8	SOH-DGW-19(16-20)	21L1283-08
9	SOH-DGW-19(11-15)	21L1283-09
10	SOH-DGW-19(7-11)	21L1283-10
11	SOH-DGW-20(11-15)	21L1283-11
12	SOH-DGW-20(7-11)	21L1283-12

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports
-Holding Times
-Internal Standard (IS) Area Performance
-Surrogate Spike Recoveries
-Method Blank
-Field Duplicate Sample Precision
-Laboratory Control Samples
-MS/MSD
-Compound Quantitation
-Initial Calibration
-Continuing Calibration
-GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with

the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in Initial Calibration and Continuing Calibration.

Samples: 3-6, 9 were diluted due to high target analyte concentrations.
Sample: 2 was diluted due to sample matrix.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.
Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met except the pH of several samples was outside QC limits. Those samples were analyzed within the 7-day window, so no further action is required.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
No field duplicate was acquired.

LABORATORY CONTROL SAMPLES
All criteria were met.
Some target analytes were outside QC limits in the laboratory control sample or the laboratory control sample duplicate but not both, so no further action is required.

MS/MSD
No MS/MSD was acquired.

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION
All criteria were met except the RRF of 1,4-Dioxane was outside QC limits in the initial calibration. This target analyte should be qualified as estimated in the blanks, samples and spikes.
Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION
All criteria were met except several target analytes were outside QC limits in the continuing calibrations and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	%D,RRF(*)	Qualifier	Associated Sample
S066642	1,4-Dioxane	*	UJ/J	B297275-BLK1,BS1,BSD1, 1-12
S066642	Naphthalene	-50.4	UJ/J	B297275-BLK1,BS1,BSD1, 1-12
S066642	1,2,3-Trichlorobenzene	-36.6	UJ/J	B297275-BLK1,BS1,BSD1, 1-12
S066642	1,2,4-Trichlorobenzene	-36.6	UJ/J	B297275-BLK1,BS1,BSD1, 1-12

GC/MS PERFORMANCE CHECK
All criteria were met.

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SW-846 8260D

Qualifications:

L-07

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene
B297275-BS1

1,2,4-Trichlorobenzene
B297275-BS1

PR-06

pH of sample (pH 3) is outside of method specified preservation criteria.

Analyte & Samples(s) Qualified:

21L1283-09[SOH-DGW-19 (11-15)], 21L1283-10[SOH-DGW-19 (7-11)]

PR-08

pH of sample (pH 5) is outside of method specified preservation criteria.

Analyte & Samples(s) Qualified:

21L1283-02[SOH-DGW-01 (33-37)], 21L1283-08[SOH-DGW-19 (16-20)], 21L1283-11[SOH-DGW-20 (11-15)], 21L1283-12[SOH-DGW-20 (7-11)]

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

21L1283-03[SOH-DGW-14 (31-35)], 21L1283-04[SOH-DGW-06 (31-35)], 21L1283-05[SOH-DGW-01 (6-10)], 21L1283-06[SOH-DGW-03 (30-34)], 21L1283-09[SOH-DGW-19 (11-15)]

RL-12

Elevated reporting limit due to matrix interference.

Analyte & Samples(s) Qualified:

21L1283-02[SOH-DGW-01 (33-37)]

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene
21L1283-01[Trip Blank], 21L1283-02[SOH-DGW-01 (33-37)], 21L1283-03[SOH-DGW-14 (31-35)], 21L1283-04[SOH-DGW-06 (31-35)], 21L1283-05[SOH-DGW-01 (6-10)], 21L1283-06[SOH-DGW-03 (30-34)], 21L1283-07[SOH-DGW-03 (7-11)], 21L1283-08[SOH-DGW-19 (16-20)], 21L1283-09[SOH-DGW-19 (11-15)], 21L1283-10[SOH-DGW-19 (7-11)], 21L1283-11[SOH-DGW-20 (11-15)], 21L1283-12[SOH-DGW-20 (7-11)], B297275-BLK1, B297275-BS1, B297275-BSD1, S066642-CCV1

1,2,4-Trichlorobenzene
21L1283-01[Trip Blank], 21L1283-02[SOH-DGW-01 (33-37)], 21L1283-03[SOH-DGW-14 (31-35)], 21L1283-04[SOH-DGW-06 (31-35)], 21L1283-05[SOH-DGW-01 (6-10)], 21L1283-06[SOH-DGW-03 (30-34)], 21L1283-07[SOH-DGW-03 (7-11)], 21L1283-08[SOH-DGW-19 (16-20)], 21L1283-09[SOH-DGW-19 (11-15)], 21L1283-10[SOH-DGW-19 (7-11)], 21L1283-11[SOH-DGW-20 (11-15)], 21L1283-12[SOH-DGW-20 (7-11)], B297275-BLK1, B297275-BS1, B297275-BSD1, S066642-CCV1

Naphthalene
21L1283-01[Trip Blank], 21L1283-02[SOH-DGW-01 (33-37)], 21L1283-03[SOH-DGW-14 (31-35)], 21L1283-04[SOH-DGW-06 (31-35)], 21L1283-05[SOH-DGW-01 (6-10)], 21L1283-06[SOH-DGW-03 (30-34)], 21L1283-07[SOH-DGW-03 (7-11)], 21L1283-08[SOH-DGW-19 (16-20)], 21L1283-09[SOH-DGW-19 (11-15)], 21L1283-10[SOH-DGW-19 (7-11)], 21L1283-11[SOH-DGW-20 (11-15)], 21L1283-12[SOH-DGW-20 (7-11)], B297275-BLK1, B297275-BS1, B297275-BSD1, S066642-CCV1

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: Trip Blank | Sampled: 12/15/2021 08:00

Sample ID: 21L1283-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: Trip Blank | Sampled: 12/15/2021 08:00

Sample ID: 21L1283-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Naphthalene	ND	2.0	0.15	µg/L	1	V-05	SW-846 8260D	12/20/21	12/20/21 10:53	MFF
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1	V-05	SW-846 8260D	12/20/21	12/20/21 10:53	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1	V-05	SW-846 8260D	12/20/21	12/20/21 10:53	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 10:53	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	116	70-130		12/20/21 10:53
Toluene-d8	102	70-130		12/20/21 10:53
4-Bromofluorobenzene	96.6	70-130		12/20/21 10:53

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: Trip Blank | Sampled: 12/15/2021 08:00

Sample ID: 21L1283-01

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/20/21	12/20/21 10:53	MFF

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-01 (33-37) | Sampled: 12/15/2021 09:00

Sample ID: 21L1283-02

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-12

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	61	1000	47	µg/L	20	J	SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Acrylonitrile	ND	100	14	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
tert-Amyl Methyl Ether (TAME)	ND	10	3.0	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Benzene	ND	20	2.6	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Bromobenzene	ND	20	2.6	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Bromochloromethane	ND	20	7.2	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Bromodichloromethane	ND	10	2.8	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Bromoform	ND	20	5.8	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Bromomethane	ND	40	21	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
2-Butanone (MEK)	110	400	38	µg/L	20	J	SW-846 8260D	12/20/21	12/20/21 14:54	MFF
tert-Butyl Alcohol (TBA)	ND	400	110	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
n-Butylbenzene	ND	20	2.8	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
sec-Butylbenzene	ND	20	2.0	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
tert-Butylbenzene	ND	20	1.8	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	10	2.2	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Carbon Disulfide	ND	100	30	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Carbon Tetrachloride	ND	100	3.4	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Chlorobenzene	ND	20	1.6	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Chlorodibromomethane	ND	10	3.2	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Chloroethane	ND	40	7.4	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Chloroform	ND	40	3.8	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Chloromethane	ND	40	7.6	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
2-Chlorotoluene	ND	20	1.8	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
4-Chlorotoluene	ND	20	2.0	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	100	14	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
1,2-Dibromoethane (EDB)	ND	10	3.0	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Dibromomethane	ND	20	5.8	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
1,2-Dichlorobenzene	ND	20	2.0	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
1,3-Dichlorobenzene	ND	20	1.8	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
1,4-Dichlorobenzene	ND	20	2.2	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
trans-1,4-Dichloro-2-butene	ND	40	36	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Dichlorodifluoromethane (Freon 12)	ND	40	4.0	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
1,1-Dichloroethane	250	20	3.2	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
1,2-Dichloroethane	ND	20	6.4	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
1,1-Dichloroethylene	ND	20	3.2	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
cis-1,2-Dichloroethylene	11	20	3.0	µg/L	20	J	SW-846 8260D	12/20/21	12/20/21 14:54	MFF
trans-1,2-Dichloroethylene	ND	20	3.4	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
1,2-Dichloropropane	ND	20	3.6	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
1,3-Dichloropropane	ND	10	2.4	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
2,2-Dichloropropane	ND	20	6.2	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
1,1-Dichloropropene	ND	40	5.2	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
cis-1,3-Dichloropropene	ND	10	2.4	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
trans-1,3-Dichloropropene	ND	10	3.0	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Diethyl Ether	ND	40	4.4	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-01 (33-37) | Sampled: 12/15/2021 09:00

Sample ID: 21L1283-02

Sample Matrix: Ground Water

Sample Flags: PR-08, RL-12

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	10	3.0	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
1,4-Dioxane	ND	1000	430	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Ethylbenzene	ND	20	1.8	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Hexachlorobutadiene	ND	12	8.2	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
2-Hexanone (MBK)	ND	200	28	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Isopropylbenzene (Cumene)	ND	20	2.0	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
p-Isopropyltoluene (p-Cymene)	ND	20	1.8	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Methyl Acetate	ND	20	7.8	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Methyl tert-Butyl Ether (MTBE)	ND	20	3.4	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Methyl Cyclohexane	ND	20	6.6	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Methylene Chloride	13	100	6.0	µg/L	20	J	SW-846 8260D	12/20/21	12/20/21 14:54	MFF
4-Methyl-2-pentanone (MIBK)	ND	200	32	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Naphthalene	ND	40	3.0	µg/L	20	V-05	SW-846 8260D	12/20/21	12/20/21 14:54	MFF
n-Propylbenzene	ND	20	1.6	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Styrene	ND	20	1.6	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
1,1,1,2-Tetrachloroethane	ND	20	2.8	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
1,1,2,2-Tetrachloroethane	ND	10	1.8	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Tetrachloroethylene	ND	20	4.0	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Tetrahydrofuran	ND	200	12	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Toluene	ND	20	2.2	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
1,2,3-Trichlorobenzene	ND	100	2.8	µg/L	20	V-05	SW-846 8260D	12/20/21	12/20/21 14:54	MFF
1,2,4-Trichlorobenzene	ND	20	3.2	µg/L	20	V-05	SW-846 8260D	12/20/21	12/20/21 14:54	MFF
1,3,5-Trichlorobenzene	ND	20	3.6	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
1,1,1-Trichloroethane	ND	20	3.4	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
1,1,2-Trichloroethane	ND	20	3.0	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Trichloroethylene	ND	20	3.6	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Trichlorofluoromethane (Freon 11)	ND	40	3.8	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
1,2,3-Trichloropropane	ND	40	6.2	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	20	4.8	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
1,2,4-Trimethylbenzene	ND	20	2.0	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
1,3,5-Trimethylbenzene	ND	20	2.0	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
Vinyl Chloride	ND	40	4.0	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
m+p Xylene	ND	40	3.6	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF
o-Xylene	ND	20	1.8	µg/L	20		SW-846 8260D	12/20/21	12/20/21 14:54	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	115	70-130		12/20/21 14:54
Toluene-d8	102	70-130		12/20/21 14:54
4-Bromofluorobenzene	98.0	70-130		12/20/21 14:54

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-01 (33-37) | Sampled: 12/15/2021 09:00

Sample ID: 21L1283-02

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			20			SW-846 8260D	12/20/21	12/20/21 14:54	MFF

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-14 (31-35) | Sampled: 12/15/2021 09:45

Sample ID: 21L1283-03

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	1200	59	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Acrylonitrile	ND	120	17	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
tert-Amyl Methyl Ether (TAME)	ND	12	3.8	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Benzene	ND	25	3.2	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Bromobenzene	ND	25	3.2	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Bromochloromethane	ND	25	9.0	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Bromodichloromethane	ND	12	3.5	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Bromoform	ND	25	7.2	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Bromomethane	ND	50	27	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
2-Butanone (MEK)	59	500	47	µg/L	25	J	SW-846 8260D	12/20/21	12/20/21 15:18	MFF
tert-Butyl Alcohol (TBA)	ND	500	130	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
n-Butylbenzene	ND	25	3.5	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
sec-Butylbenzene	ND	25	2.5	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
tert-Butylbenzene	ND	25	2.2	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	12	2.8	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Carbon Disulfide	ND	120	38	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Carbon Tetrachloride	ND	120	4.2	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Chlorobenzene	ND	25	2.0	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Chlorodibromomethane	ND	12	4.0	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Chloroethane	74	50	9.2	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Chloroform	ND	50	4.8	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Chloromethane	ND	50	9.5	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
2-Chlorotoluene	ND	25	2.2	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
4-Chlorotoluene	ND	25	2.5	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	120	18	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
1,2-Dibromoethane (EDB)	ND	12	3.8	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Dibromomethane	ND	25	7.2	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
1,2-Dichlorobenzene	ND	25	2.5	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
1,3-Dichlorobenzene	ND	25	2.2	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
1,4-Dichlorobenzene	ND	25	2.8	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
trans-1,4-Dichloro-2-butene	ND	50	45	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Dichlorodifluoromethane (Freon 12)	ND	50	5.0	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
1,1-Dichloroethane	3500	25	4.0	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
1,2-Dichloroethane	ND	25	8.0	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
1,1-Dichloroethylene	8.0	25	4.0	µg/L	25	J	SW-846 8260D	12/20/21	12/20/21 15:18	MFF
cis-1,2-Dichloroethylene	21	25	3.8	µg/L	25	J	SW-846 8260D	12/20/21	12/20/21 15:18	MFF
trans-1,2-Dichloroethylene	ND	25	4.2	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
1,2-Dichloropropane	ND	25	4.5	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
1,3-Dichloropropane	ND	12	3.0	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
2,2-Dichloropropane	ND	25	7.8	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
1,1-Dichloropropene	ND	50	6.5	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
cis-1,3-Dichloropropene	ND	12	3.0	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
trans-1,3-Dichloropropene	ND	12	3.8	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Diethyl Ether	ND	50	5.5	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-14 (31-35) | Sampled: 12/15/2021 09:45

Sample ID: 21L1283-03

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	12	3.8	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
1,4-Dioxane	2200	1200	540	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Ethylbenzene	ND	25	2.2	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Hexachlorobutadiene	ND	15	10	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
2-Hexanone (MBK)	ND	250	35	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Isopropylbenzene (Cumene)	ND	25	2.5	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
p-Isopropyltoluene (p-Cymene)	ND	25	2.2	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Methyl Acetate	ND	25	9.8	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Methyl tert-Butyl Ether (MTBE)	ND	25	4.2	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Methyl Cyclohexane	ND	25	8.2	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Methylene Chloride	16	120	7.5	µg/L	25	J	SW-846 8260D	12/20/21	12/20/21 15:18	MFF
4-Methyl-2-pentanone (MIBK)	ND	250	40	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Naphthalene	ND	50	3.8	µg/L	25	V-05	SW-846 8260D	12/20/21	12/20/21 15:18	MFF
n-Propylbenzene	ND	25	2.0	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Styrene	ND	25	2.0	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
1,1,1,2-Tetrachloroethane	ND	25	3.5	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
1,1,2,2-Tetrachloroethane	ND	12	2.2	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Tetrachloroethylene	ND	25	5.0	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Tetrahydrofuran	ND	250	14	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Toluene	ND	25	2.8	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
1,2,3-Trichlorobenzene	ND	120	3.5	µg/L	25	V-05	SW-846 8260D	12/20/21	12/20/21 15:18	MFF
1,2,4-Trichlorobenzene	ND	25	4.0	µg/L	25	V-05	SW-846 8260D	12/20/21	12/20/21 15:18	MFF
1,3,5-Trichlorobenzene	ND	25	4.5	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
1,1,1-Trichloroethane	17	25	4.2	µg/L	25	J	SW-846 8260D	12/20/21	12/20/21 15:18	MFF
1,1,2-Trichloroethane	ND	25	3.8	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Trichloroethylene	ND	25	4.5	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Trichlorofluoromethane (Freon 11)	ND	50	4.8	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
1,2,3-Trichloropropane	ND	50	7.8	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	25	6.0	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
1,2,4-Trimethylbenzene	ND	25	2.5	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
1,3,5-Trimethylbenzene	ND	25	2.5	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
Vinyl Chloride	ND	50	5.0	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
m+p Xylene	ND	50	4.5	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF
o-Xylene	ND	25	2.2	µg/L	25		SW-846 8260D	12/20/21	12/20/21 15:18	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	112	70-130		12/20/21 15:18
Toluene-d8	99.7	70-130		12/20/21 15:18
4-Bromofluorobenzene	96.7	70-130		12/20/21 15:18

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-14 (31-35) | Sampled: 12/15/2021 09:45

Sample ID: 21L1283-03

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			25			SW-846 8260D	12/20/21	12/20/21 15:18	MFF

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-06 (31-35) | Sampled: 12/15/2021 11:30

Sample ID: 21L1283-04

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	37	100	4.7	µg/L	2	J	SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Acrylonitrile	ND	10	1.4	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
tert-Amyl Methyl Ether (TAME)	ND	1.0	0.30	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Benzene	ND	2.0	0.26	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Bromobenzene	ND	2.0	0.26	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Bromochloromethane	ND	2.0	0.72	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Bromodichloromethane	ND	1.0	0.28	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Bromoform	ND	2.0	0.58	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Bromomethane	ND	4.0	2.1	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
2-Butanone (MEK)	9.0	40	3.8	µg/L	2	J	SW-846 8260D	12/20/21	12/20/21 15:42	MFF
tert-Butyl Alcohol (TBA)	ND	40	11	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
n-Butylbenzene	ND	2.0	0.28	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
sec-Butylbenzene	ND	2.0	0.20	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
tert-Butylbenzene	ND	2.0	0.18	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	1.0	0.22	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Carbon Disulfide	ND	10	3.0	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Carbon Tetrachloride	ND	10	0.34	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Chlorobenzene	ND	2.0	0.16	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Chlorodibromomethane	ND	1.0	0.32	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Chloroethane	12	4.0	0.74	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Chloroform	ND	4.0	0.38	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Chloromethane	ND	4.0	0.76	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
2-Chlorotoluene	ND	2.0	0.18	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
4-Chlorotoluene	ND	2.0	0.20	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	1.4	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
1,2-Dibromoethane (EDB)	ND	1.0	0.30	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Dibromomethane	ND	2.0	0.58	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
1,2-Dichlorobenzene	ND	2.0	0.20	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
1,3-Dichlorobenzene	ND	2.0	0.18	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
1,4-Dichlorobenzene	ND	2.0	0.22	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
trans-1,4-Dichloro-2-butene	ND	4.0	3.6	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Dichlorodifluoromethane (Freon 12)	ND	4.0	0.40	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
1,1-Dichloroethane	280	2.0	0.32	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
1,2-Dichloroethane	ND	2.0	0.64	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
1,1-Dichloroethylene	10	2.0	0.32	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
cis-1,2-Dichloroethylene	52	2.0	0.30	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
trans-1,2-Dichloroethylene	0.94	2.0	0.34	µg/L	2	J	SW-846 8260D	12/20/21	12/20/21 15:42	MFF
1,2-Dichloropropane	ND	2.0	0.36	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
1,3-Dichloropropane	ND	1.0	0.24	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
2,2-Dichloropropane	ND	2.0	0.62	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
1,1-Dichloropropene	ND	4.0	0.52	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
cis-1,3-Dichloropropene	ND	1.0	0.24	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
trans-1,3-Dichloropropene	ND	1.0	0.30	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Diethyl Ether	ND	4.0	0.44	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-06 (31-35) | Sampled: 12/15/2021 11:30

Sample ID: 21L1283-04

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	1.0	0.30	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
1,4-Dioxane	170	100	43	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Ethylbenzene	ND	2.0	0.18	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Hexachlorobutadiene	ND	1.2	0.82	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
2-Hexanone (MBK)	ND	20	2.8	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Isopropylbenzene (Cumene)	ND	2.0	0.20	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
p-Isopropyltoluene (p-Cymene)	ND	2.0	0.18	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Methyl Acetate	ND	2.0	0.78	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.34	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Methyl Cyclohexane	ND	2.0	0.66	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Methylene Chloride	1.7	10	0.60	µg/L	2	J	SW-846 8260D	12/20/21	12/20/21 15:42	MFF
4-Methyl-2-pentanone (MIBK)	ND	20	3.2	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Naphthalene	ND	4.0	0.30	µg/L	2	V-05	SW-846 8260D	12/20/21	12/20/21 15:42	MFF
n-Propylbenzene	ND	2.0	0.16	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Styrene	ND	2.0	0.16	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
1,1,1,2-Tetrachloroethane	ND	2.0	0.28	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
1,1,2,2-Tetrachloroethane	ND	1.0	0.18	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Tetrachloroethylene	ND	2.0	0.40	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Tetrahydrofuran	ND	20	1.2	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Toluene	ND	2.0	0.22	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
1,2,3-Trichlorobenzene	ND	10	0.28	µg/L	2	V-05	SW-846 8260D	12/20/21	12/20/21 15:42	MFF
1,2,4-Trichlorobenzene	ND	2.0	0.32	µg/L	2	V-05	SW-846 8260D	12/20/21	12/20/21 15:42	MFF
1,3,5-Trichlorobenzene	ND	2.0	0.36	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
1,1,1-Trichloroethane	16	2.0	0.34	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
1,1,2-Trichloroethane	ND	2.0	0.30	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Trichloroethylene	46	2.0	0.36	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Trichlorofluoromethane (Freon 11)	ND	4.0	0.38	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
1,2,3-Trichloropropane	ND	4.0	0.62	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	0.48	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
1,2,4-Trimethylbenzene	ND	2.0	0.20	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
1,3,5-Trimethylbenzene	ND	2.0	0.20	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
Vinyl Chloride	15	4.0	0.40	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
m+p Xylene	ND	4.0	0.36	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF
o-Xylene	ND	2.0	0.18	µg/L	2		SW-846 8260D	12/20/21	12/20/21 15:42	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	112	70-130		12/20/21 15:42
Toluene-d8	103	70-130		12/20/21 15:42
4-Bromofluorobenzene	97.7	70-130		12/20/21 15:42

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-06 (31-35) | Sampled: 12/15/2021 11:30

Sample ID: 21L1283-04

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			2			SW-846 8260D	12/20/21	12/20/21 15:42	MFF

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-06 (31-35) | Sampled: 12/15/2021 11:30

Sample ID: 21L1283-04

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Total Organic Carbon	3.0	1.0	0.71	mg/L	1		SM 21-23 5310B	12/23/21	12/23/21 7:05	DJM

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-01 (6-10) | Sampled: 12/15/2021 13:30

Sample ID: 21L1283-05

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	37	100	4.7	µg/L	2	J	SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Acrylonitrile	ND	10	1.4	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
tert-Amyl Methyl Ether (TAME)	ND	1.0	0.30	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Benzene	ND	2.0	0.26	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Bromobenzene	ND	2.0	0.26	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Bromochloromethane	ND	2.0	0.72	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Bromodichloromethane	ND	1.0	0.28	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Bromoform	ND	2.0	0.58	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Bromomethane	ND	4.0	2.1	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
2-Butanone (MEK)	6.4	40	3.8	µg/L	2	J	SW-846 8260D	12/20/21	12/20/21 16:06	MFF
tert-Butyl Alcohol (TBA)	ND	40	11	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
n-Butylbenzene	ND	2.0	0.28	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
sec-Butylbenzene	ND	2.0	0.20	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
tert-Butylbenzene	ND	2.0	0.18	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	1.0	0.22	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Carbon Disulfide	ND	10	3.0	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Carbon Tetrachloride	ND	10	0.34	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Chlorobenzene	ND	2.0	0.16	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Chlorodibromomethane	ND	1.0	0.32	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Chloroethane	ND	4.0	0.74	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Chloroform	ND	4.0	0.38	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Chloromethane	ND	4.0	0.76	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
2-Chlorotoluene	ND	2.0	0.18	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
4-Chlorotoluene	ND	2.0	0.20	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	1.4	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
1,2-Dibromoethane (EDB)	ND	1.0	0.30	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Dibromomethane	ND	2.0	0.58	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
1,2-Dichlorobenzene	ND	2.0	0.20	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
1,3-Dichlorobenzene	ND	2.0	0.18	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
1,4-Dichlorobenzene	ND	2.0	0.22	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
trans-1,4-Dichloro-2-butene	ND	4.0	3.6	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Dichlorodifluoromethane (Freon 12)	ND	4.0	0.40	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
1,1-Dichloroethane	350	2.0	0.32	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
1,2-Dichloroethane	2.5	2.0	0.64	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
1,1-Dichloroethylene	0.98	2.0	0.32	µg/L	2	J	SW-846 8260D	12/20/21	12/20/21 16:06	MFF
cis-1,2-Dichloroethylene	1.9	2.0	0.30	µg/L	2	J	SW-846 8260D	12/20/21	12/20/21 16:06	MFF
trans-1,2-Dichloroethylene	ND	2.0	0.34	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
1,2-Dichloropropane	ND	2.0	0.36	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
1,3-Dichloropropane	ND	1.0	0.24	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
2,2-Dichloropropane	ND	2.0	0.62	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
1,1-Dichloropropene	ND	4.0	0.52	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
cis-1,3-Dichloropropene	ND	1.0	0.24	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
trans-1,3-Dichloropropene	ND	1.0	0.30	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Diethyl Ether	ND	4.0	0.44	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-01 (6-10) | Sampled: 12/15/2021 13:30

Sample ID: 21L1283-05

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	1.0	0.30	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
1,4-Dioxane	160	100	43	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Ethylbenzene	ND	2.0	0.18	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Hexachlorobutadiene	ND	1.2	0.82	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
2-Hexanone (MBK)	ND	20	2.8	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Isopropylbenzene (Cumene)	ND	2.0	0.20	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
p-Isopropyltoluene (p-Cymene)	ND	2.0	0.18	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Methyl Acetate	ND	2.0	0.78	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.34	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Methyl Cyclohexane	ND	2.0	0.66	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Methylene Chloride	ND	10	0.60	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
4-Methyl-2-pentanone (MIBK)	ND	20	3.2	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Naphthalene	ND	4.0	0.30	µg/L	2	V-05	SW-846 8260D	12/20/21	12/20/21 16:06	MFF
n-Propylbenzene	ND	2.0	0.16	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Styrene	ND	2.0	0.16	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
1,1,1,2-Tetrachloroethane	ND	2.0	0.28	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
1,1,2,2-Tetrachloroethane	ND	1.0	0.18	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Tetrachloroethylene	ND	2.0	0.40	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Tetrahydrofuran	ND	20	1.2	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Toluene	ND	2.0	0.22	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
1,2,3-Trichlorobenzene	ND	10	0.28	µg/L	2	V-05	SW-846 8260D	12/20/21	12/20/21 16:06	MFF
1,2,4-Trichlorobenzene	ND	2.0	0.32	µg/L	2	V-05	SW-846 8260D	12/20/21	12/20/21 16:06	MFF
1,3,5-Trichlorobenzene	ND	2.0	0.36	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
1,1,1-Trichloroethane	2.6	2.0	0.34	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
1,1,2-Trichloroethane	ND	2.0	0.30	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Trichloroethylene	0.82	2.0	0.36	µg/L	2	J	SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Trichlorofluoromethane (Freon 11)	ND	4.0	0.38	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
1,2,3-Trichloropropane	ND	4.0	0.62	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	0.48	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
1,2,4-Trimethylbenzene	ND	2.0	0.20	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
1,3,5-Trimethylbenzene	ND	2.0	0.20	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
Vinyl Chloride	ND	4.0	0.40	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
m+p Xylene	ND	4.0	0.36	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF
o-Xylene	ND	2.0	0.18	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:06	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	117	70-130		12/20/21 16:06
Toluene-d8	102	70-130		12/20/21 16:06
4-Bromofluorobenzene	97.9	70-130		12/20/21 16:06

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-01 (6-10) | Sampled: 12/15/2021 13:30

Sample ID: 21L1283-05

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			2			SW-846 8260D	12/20/21	12/20/21 16:06	MFF

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-03 (30-34) | Sampled: 12/16/2021 09:00

Sample ID: 21L1283-06

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	36	500	24	µg/L	10	J	SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Acrylonitrile	ND	50	6.9	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
tert-Amyl Methyl Ether (TAME)	ND	5.0	1.5	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Benzene	ND	10	1.3	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Bromobenzene	ND	10	1.3	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Bromochloromethane	ND	10	3.6	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Bromodichloromethane	ND	5.0	1.4	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Bromoform	ND	10	2.9	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Bromomethane	ND	20	11	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
2-Butanone (MEK)	58	200	19	µg/L	10	J	SW-846 8260D	12/20/21	12/20/21 16:30	MFF
tert-Butyl Alcohol (TBA)	ND	200	53	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
n-Butylbenzene	ND	10	1.4	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
sec-Butylbenzene	ND	10	1.0	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
tert-Butylbenzene	ND	10	0.90	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	5.0	1.1	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Carbon Disulfide	ND	50	15	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Carbon Tetrachloride	ND	50	1.7	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Chlorobenzene	ND	10	0.80	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Chlorodibromomethane	ND	5.0	1.6	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Chloroethane	50	20	3.7	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Chloroform	ND	20	1.9	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Chloromethane	ND	20	3.8	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
2-Chlorotoluene	ND	10	0.90	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
4-Chlorotoluene	ND	10	1.0	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	50	7.2	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
1,2-Dibromoethane (EDB)	ND	5.0	1.5	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Dibromomethane	ND	10	2.9	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
1,2-Dichlorobenzene	ND	10	1.0	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
1,3-Dichlorobenzene	ND	10	0.90	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
1,4-Dichlorobenzene	ND	10	1.1	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
trans-1,4-Dichloro-2-butene	ND	20	18	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Dichlorodifluoromethane (Freon 12)	ND	20	2.0	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
1,1-Dichloroethane	890	10	1.6	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
1,2-Dichloroethane	ND	10	3.2	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
1,1-Dichloroethylene	18	10	1.6	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
cis-1,2-Dichloroethylene	290	10	1.5	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
trans-1,2-Dichloroethylene	ND	10	1.7	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
1,2-Dichloropropane	ND	10	1.8	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
1,3-Dichloropropane	ND	5.0	1.2	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
2,2-Dichloropropane	ND	10	3.1	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
1,1-Dichloropropene	ND	20	2.6	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
cis-1,3-Dichloropropene	ND	5.0	1.2	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
trans-1,3-Dichloropropene	ND	5.0	1.5	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Diethyl Ether	ND	20	2.2	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-03 (30-34) | Sampled: 12/16/2021 09:00

Sample ID: 21L1283-06

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	5.0	1.5	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
1,4-Dioxane	620	500	220	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Ethylbenzene	ND	10	0.90	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Hexachlorobutadiene	ND	6.0	4.1	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
2-Hexanone (MBK)	ND	100	14	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Isopropylbenzene (Cumene)	ND	10	1.0	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
p-Isopropyltoluene (p-Cymene)	ND	10	0.90	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Methyl Acetate	ND	10	3.9	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Methyl tert-Butyl Ether (MTBE)	ND	10	1.7	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Methyl Cyclohexane	ND	10	3.3	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Methylene Chloride	7.5	50	3.0	µg/L	10	J	SW-846 8260D	12/20/21	12/20/21 16:30	MFF
4-Methyl-2-pentanone (MIBK)	ND	100	16	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Naphthalene	ND	20	1.5	µg/L	10	V-05	SW-846 8260D	12/20/21	12/20/21 16:30	MFF
n-Propylbenzene	ND	10	0.80	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Styrene	ND	10	0.80	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
1,1,1,2-Tetrachloroethane	ND	10	1.4	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
1,1,2,2-Tetrachloroethane	ND	5.0	0.90	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Tetrachloroethylene	ND	10	2.0	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Tetrahydrofuran	ND	100	5.8	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Toluene	ND	10	1.1	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
1,2,3-Trichlorobenzene	ND	50	1.4	µg/L	10	V-05	SW-846 8260D	12/20/21	12/20/21 16:30	MFF
1,2,4-Trichlorobenzene	ND	10	1.6	µg/L	10	V-05	SW-846 8260D	12/20/21	12/20/21 16:30	MFF
1,3,5-Trichlorobenzene	ND	10	1.8	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
1,1,1-Trichloroethane	ND	10	1.7	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
1,1,2-Trichloroethane	ND	10	1.5	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Trichloroethylene	ND	10	1.8	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Trichlorofluoromethane (Freon 11)	ND	20	1.9	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
1,2,3-Trichloropropane	ND	20	3.1	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	10	2.4	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
1,2,4-Trimethylbenzene	ND	10	1.0	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
1,3,5-Trimethylbenzene	ND	10	1.0	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
Vinyl Chloride	57	20	2.0	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
m+p Xylene	ND	20	1.8	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF
o-Xylene	ND	10	0.90	µg/L	10		SW-846 8260D	12/20/21	12/20/21 16:30	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	115	70-130		12/20/21 16:30
Toluene-d8	101	70-130		12/20/21 16:30
4-Bromofluorobenzene	96.9	70-130		12/20/21 16:30

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-03 (30-34) | Sampled: 12/16/2021 09:00

Sample ID: 21L1283-06

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			10			SW-846 8260D	12/20/21	12/20/21 16:30	MFF

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-03 (7-11) | Sampled: 12/16/2021 09:30

Sample ID: 21L1283-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	8.5	50	2.4	µg/L	1	J	SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
1,1-Dichloroethane	1.6	1.0	0.16	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
cis-1,2-Dichloroethylene	0.66	1.0	0.15	µg/L	1	J	SW-846 8260D	12/20/21	12/20/21 12:54	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-03 (7-11) | Sampled: 12/16/2021 09:30

Sample ID: 21L1283-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Naphthalene	ND	2.0	0.15	µg/L	1	V-05	SW-846 8260D	12/20/21	12/20/21 12:54	MFF
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1	V-05	SW-846 8260D	12/20/21	12/20/21 12:54	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1	V-05	SW-846 8260D	12/20/21	12/20/21 12:54	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 12:54	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	114	70-130		12/20/21 12:54
Toluene-d8	101	70-130		12/20/21 12:54
4-Bromofluorobenzene	99.3	70-130		12/20/21 12:54

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-03 (7-11) | Sampled: 12/16/2021 09:30

Sample ID: 21L1283-07

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/20/21	12/20/21 12:54	MFF

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-19 (16-20) | Sampled: 12/16/2021 12:30

Sample ID: 21L1283-08

Sample Matrix: Ground Water

Sample Flags: PR-08

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	12	50	2.4	µg/L	1	J	SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Benzene	0.75	1.0	0.13	µg/L	1	J	SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
2-Butanone (MEK)	2.2	20	1.9	µg/L	1	J	SW-846 8260D	12/20/21	12/20/21 13:18	MFF
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
1,1-Dichloroethane	0.86	1.0	0.16	µg/L	1	J	SW-846 8260D	12/20/21	12/20/21 13:18	MFF
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
cis-1,2-Dichloroethylene	0.55	1.0	0.15	µg/L	1	J	SW-846 8260D	12/20/21	12/20/21 13:18	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-19 (16-20) | Sampled: 12/16/2021 12:30

Sample ID: 21L1283-08

Sample Matrix: Ground Water

Sample Flags: PR-08

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Naphthalene	ND	2.0	0.15	µg/L	1	V-05	SW-846 8260D	12/20/21	12/20/21 13:18	MFF
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Toluene	0.70	1.0	0.11	µg/L	1	J	SW-846 8260D	12/20/21	12/20/21 13:18	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1	V-05	SW-846 8260D	12/20/21	12/20/21 13:18	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1	V-05	SW-846 8260D	12/20/21	12/20/21 13:18	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF
m+p Xylene	0.33	2.0	0.18	µg/L	1	J	SW-846 8260D	12/20/21	12/20/21 13:18	MFF
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:18	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	119	70-130		12/20/21 13:18
Toluene-d8	102	70-130		12/20/21 13:18
4-Bromofluorobenzene	97.3	70-130		12/20/21 13:18

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-19 (16-20) | Sampled: 12/16/2021 12:30

Sample ID: 21L1283-08

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
1-Butene	3.7	µg/L	35224	1.254	1	000106-98-9	83	SW-846 8260D	12/20/21	12/20/21 13:18	MFF

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-19 (11-15) | Sampled: 12/16/2021 12:45

Sample ID: 21L1283-09

Sample Matrix: Ground Water

Sample Flags: PR-06, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	11	100	4.7	µg/L	2	J	SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Acrylonitrile	ND	10	1.4	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
tert-Amyl Methyl Ether (TAME)	ND	1.0	0.30	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Benzene	0.60	2.0	0.26	µg/L	2	J	SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Bromobenzene	ND	2.0	0.26	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Bromochloromethane	ND	2.0	0.72	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Bromodichloromethane	ND	1.0	0.28	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Bromoform	ND	2.0	0.58	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Bromomethane	ND	4.0	2.1	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
2-Butanone (MEK)	ND	40	3.8	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
tert-Butyl Alcohol (TBA)	ND	40	11	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
n-Butylbenzene	ND	2.0	0.28	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
sec-Butylbenzene	ND	2.0	0.20	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
tert-Butylbenzene	ND	2.0	0.18	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	1.0	0.22	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Carbon Disulfide	ND	10	3.0	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Carbon Tetrachloride	ND	10	0.34	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Chlorobenzene	ND	2.0	0.16	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Chlorodibromomethane	ND	1.0	0.32	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Chloroethane	ND	4.0	0.74	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Chloroform	ND	4.0	0.38	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Chloromethane	ND	4.0	0.76	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
2-Chlorotoluene	ND	2.0	0.18	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
4-Chlorotoluene	ND	2.0	0.20	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	1.4	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
1,2-Dibromoethane (EDB)	ND	1.0	0.30	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Dibromomethane	ND	2.0	0.58	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
1,2-Dichlorobenzene	ND	2.0	0.20	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
1,3-Dichlorobenzene	ND	2.0	0.18	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
1,4-Dichlorobenzene	ND	2.0	0.22	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
trans-1,4-Dichloro-2-butene	ND	4.0	3.6	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Dichlorodifluoromethane (Freon 12)	ND	4.0	0.40	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
1,1-Dichloroethane	110	2.0	0.32	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
1,2-Dichloroethane	ND	2.0	0.64	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
1,1-Dichloroethylene	3.2	2.0	0.32	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
cis-1,2-Dichloroethylene	300	2.0	0.30	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
trans-1,2-Dichloroethylene	ND	2.0	0.34	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
1,2-Dichloropropane	ND	2.0	0.36	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
1,3-Dichloropropane	ND	1.0	0.24	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
2,2-Dichloropropane	ND	2.0	0.62	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
1,1-Dichloropropene	ND	4.0	0.52	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
cis-1,3-Dichloropropene	ND	1.0	0.24	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
trans-1,3-Dichloropropene	ND	1.0	0.30	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Diethyl Ether	ND	4.0	0.44	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-19 (11-15) | Sampled: 12/16/2021 12:45

Sample ID: 21L1283-09

Sample Matrix: Ground Water

Sample Flags: PR-06, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	1.0	0.30	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
1,4-Dioxane	ND	100	43	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Ethylbenzene	ND	2.0	0.18	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Hexachlorobutadiene	ND	1.2	0.82	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
2-Hexanone (MBK)	ND	20	2.8	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Isopropylbenzene (Cumene)	ND	2.0	0.20	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
p-Isopropyltoluene (p-Cymene)	ND	2.0	0.18	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Methyl Acetate	ND	2.0	0.78	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.34	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Methyl Cyclohexane	ND	2.0	0.66	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Methylene Chloride	ND	10	0.60	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
4-Methyl-2-pentanone (MIBK)	ND	20	3.2	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Naphthalene	ND	4.0	0.30	µg/L	2	V-05	SW-846 8260D	12/20/21	12/20/21 16:54	MFF
n-Propylbenzene	ND	2.0	0.16	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Styrene	ND	2.0	0.16	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
1,1,1,2-Tetrachloroethane	ND	2.0	0.28	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
1,1,2,2-Tetrachloroethane	ND	1.0	0.18	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Tetrachloroethylene	ND	2.0	0.40	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Tetrahydrofuran	ND	20	1.2	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Toluene	0.80	2.0	0.22	µg/L	2	J	SW-846 8260D	12/20/21	12/20/21 16:54	MFF
1,2,3-Trichlorobenzene	ND	10	0.28	µg/L	2	V-05	SW-846 8260D	12/20/21	12/20/21 16:54	MFF
1,2,4-Trichlorobenzene	ND	2.0	0.32	µg/L	2	V-05	SW-846 8260D	12/20/21	12/20/21 16:54	MFF
1,3,5-Trichlorobenzene	ND	2.0	0.36	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
1,1,1-Trichloroethane	3.4	2.0	0.34	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
1,1,2-Trichloroethane	ND	2.0	0.30	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Trichloroethylene	9.3	2.0	0.36	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Trichlorofluoromethane (Freon 11)	ND	4.0	0.38	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
1,2,3-Trichloropropane	ND	4.0	0.62	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	0.48	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
1,2,4-Trimethylbenzene	ND	2.0	0.20	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
1,3,5-Trimethylbenzene	ND	2.0	0.20	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
Vinyl Chloride	19	4.0	0.40	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
m+p Xylene	ND	4.0	0.36	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF
o-Xylene	ND	2.0	0.18	µg/L	2		SW-846 8260D	12/20/21	12/20/21 16:54	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	114	70-130		12/20/21 16:54
Toluene-d8	102	70-130		12/20/21 16:54
4-Bromofluorobenzene	97.2	70-130		12/20/21 16:54

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-19 (11-15) | Sampled: 12/16/2021 12:45

Sample ID: 21L1283-09

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			2			SW-846 8260D	12/20/21	12/20/21 16:54	MFF

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-19 (7-11) | Sampled: 12/16/2021 13:00

Sample ID: 21L1283-10

Sample Matrix: Ground Water

Sample Flags: PR-06

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	10	50	2.4	µg/L	1	J	SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Benzene	0.77	1.0	0.13	µg/L	1	J	SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Dichlorodifluoromethane (Freon 12)	0.52	2.0	0.20	µg/L	1	J	SW-846 8260D	12/20/21	12/20/21 13:42	MFF
1,1-Dichloroethane	12	1.0	0.16	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
cis-1,2-Dichloroethylene	6.0	1.0	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-19 (7-11) | Sampled: 12/16/2021 13:00

Sample ID: 21L1283-10

Sample Matrix: Ground Water

Sample Flags: PR-06

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Methyl Cyclohexane	0.52	1.0	0.33	µg/L	1	J	SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Naphthalene	ND	2.0	0.15	µg/L	1	V-05	SW-846 8260D	12/20/21	12/20/21 13:42	MFF
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Tetrachloroethylene	0.89	1.0	0.20	µg/L	1	J	SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Toluene	0.93	1.0	0.11	µg/L	1	J	SW-846 8260D	12/20/21	12/20/21 13:42	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1	V-05	SW-846 8260D	12/20/21	12/20/21 13:42	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1	V-05	SW-846 8260D	12/20/21	12/20/21 13:42	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/20/21	12/20/21 13:42	MFF
m+p Xylene	0.39	2.0	0.18	µg/L	1	J	SW-846 8260D	12/20/21	12/20/21 13:42	MFF
o-Xylene	0.13	1.0	0.090	µg/L	1	J	SW-846 8260D	12/20/21	12/20/21 13:42	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	117	70-130		12/20/21 13:42
Toluene-d8	101	70-130		12/20/21 13:42
4-Bromofluorobenzene	98.3	70-130		12/20/21 13:42

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-19 (7-11) | Sampled: 12/16/2021 13:00

Sample ID: 21L1283-10

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/20/21	12/20/21 13:42	MFF

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-20 (11-15) | Sampled: 12/16/2021 14:00

Sample ID: 21L1283-11

Sample Matrix: Ground Water

Sample Flags: PR-08

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	6.2	50	2.4	µg/L	1	J	SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Benzene	0.29	1.0	0.13	µg/L	1	J	SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
1,1-Dichloroethane	0.68	1.0	0.16	µg/L	1	J	SW-846 8260D	12/20/21	12/20/21 14:06	MFF
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
cis-1,2-Dichloroethylene	0.39	1.0	0.15	µg/L	1	J	SW-846 8260D	12/20/21	12/20/21 14:06	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-20 (11-15) | Sampled: 12/16/2021 14:00

Sample ID: 21L1283-11

Sample Matrix: Ground Water

Sample Flags: PR-08

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Naphthalene	ND	2.0	0.15	µg/L	1	V-05	SW-846 8260D	12/20/21	12/20/21 14:06	MFF
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Toluene	0.36	1.0	0.11	µg/L	1	J	SW-846 8260D	12/20/21	12/20/21 14:06	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1	V-05	SW-846 8260D	12/20/21	12/20/21 14:06	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1	V-05	SW-846 8260D	12/20/21	12/20/21 14:06	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF
m+p Xylene	0.18	2.0	0.18	µg/L	1	J	SW-846 8260D	12/20/21	12/20/21 14:06	MFF
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:06	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	117	70-130		12/20/21 14:06
Toluene-d8	99.1	70-130		12/20/21 14:06
4-Bromofluorobenzene	96.9	70-130		12/20/21 14:06

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-20 (11-15) | Sampled: 12/16/2021 14:00

Sample ID: 21L1283-11

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
1-Propene, 2-methyl-	5.0	µg/L	48366	1.252	1	000115-11-7	87	SW-846 8260D	12/20/21	12/20/21 14:06	MFF
Tentatively Identified Compounds	0.0	µg/L			1	NA		SW-846 8260D	12/20/21	12/20/21 14:06	MFF

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-20 (7-11) | Sampled: 12/16/2021 14:10

Sample ID: 21L1283-12

Sample Matrix: Ground Water

Sample Flags: PR-08

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	3.4	50	2.4	µg/L	1	J	SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
1,1-Dichloroethane	3.2	1.0	0.16	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
cis-1,2-Dichloroethylene	6.0	1.0	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF

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Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-20 (7-11) | Sampled: 12/16/2021 14:10

Sample ID: 21L1283-12

Sample Matrix: Ground Water

Sample Flags: PR-08

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Naphthalene	ND	2.0	0.15	µg/L	1	V-05	SW-846 8260D	12/20/21	12/20/21 14:30	MFF
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1	V-05	SW-846 8260D	12/20/21	12/20/21 14:30	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1	V-05	SW-846 8260D	12/20/21	12/20/21 14:30	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Trichloroethylene	1.7	1.0	0.18	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/20/21	12/20/21 14:30	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	119	70-130		12/20/21 14:30
Toluene-d8	102	70-130		12/20/21 14:30
4-Bromofluorobenzene	96.0	70-130		12/20/21 14:30

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrietta, NY | Sample Description: | Work Order: 21L1283

Date Received: 12/17/2021

Field Sample #: SOH-DGW-20 (7-11) | Sampled: 12/16/2021 14:10

Sample ID: 21L1283-12

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	12/20/21	12/20/21 14:30	MFF

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L1283
Client:	NYDEC_TRC Environmental Corporation- Clifton Park	Project:	Stuart Olver Holtz- CO SMPB0001
Calibration:	1900192	Instrument:	GCMSVOA3
		Calibration Date:	5/16/2019 9:46:05AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
1,3-Dichlorobenzene	1.185068	4.1			20	
1,4-Dichlorobenzene	1.256354	3.7			20	
trans-1,4-Dichloro-2-butene	0.2217889	10.9			20	
Dichlorodifluoromethane (Freon 12)	0.489052	9.6			20	
1,1-Dichloroethane	0.8050564	4.4			20	
1,2-Dichloroethane	0.4085792	3.9			20	
1,1-Dichloroethylene	0.580623	5.4			20	
cis-1,2-Dichloroethylene	0.7003627	3.6			20	
trans-1,2-Dichloroethylene	0.6012956	6.5			20	
Dichlorofluoromethane (Freon 21)	0.7884529	6.3			20	
1,2-Dichloropropane	0.3162404	4.1			20	
1,3-Dichloropropane	0.5087606	5.0			20	
2,2-Dichloropropane	0.6030733	8.5			20	
1,1-Dichloropropene	0.5527761	4.2			20	
cis-1,3-Dichloropropene	0.4823059	5.4			20	
trans-1,3-Dichloropropene	0.4359988	8.6			20	
Diethyl Ether	0.3702305	8.8			20	
Difluorochloromethane (Freon 22)	0.5845926	6.2			20	
Diisopropyl Ether (DIPE)	1.74122	4.3			20	
1,4-Dioxane	4.635165E-03	12.8			20	
Ethanol	1.022466E-02	8.8			20	
Ethyl Acetate	0.6825754	13.0			20	
Ethylbenzene	2.545889	3.7			20	
Hexachlorobutadiene	0.2928132	10.3			20	
2-Hexanone (MBK)	0.3344099	6.3			20	
Iodomethane	0.4751547	14.3			20	
Isopropylbenzene (Cumene)	2.305934	3.8			20	
p-Isopropyltoluene (p-Cymene)	1.967049	3.7			20	
Methyl Acetate	0.5828072	13.5			20	
Methyl tert-Butyl Ether (MTBE)	1.31052	5.5			20	
Methyl Cyclohexane	0.3612119	7.0			20	

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L1283
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA3	Calibration:	1900192
Lab File ID:	C21V35408.D	Calibration Date:	05/16/19 09:46
Sequence:	S066642	Injection Date:	12/20/21
Lab Sample ID:	S066642-CCV1	Injection Time:	08:53

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,4-Dichlorobenzene	A	10.0	10.1	1.256354	1.266044		0.8	20	
trans-1,4-Dichloro-2-butene	A	10.0	9.78	0.2217889	0.2169194		-2.2	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	10.7	0.489052	0.5230524		7.0	20	
1,1-Dichloroethane	A	10.0	10.6	0.8050564	0.8529632		6.0	20	
1,2-Dichloroethane	A	10.0	11.1	0.4085792	0.4542793		11.2	20	
1,1-Dichloroethylene	A	10.0	10.8	0.580623	0.6271206		8.0	20	
cis-1,2-Dichloroethylene	A	10.0	10.9	0.7003627	0.763239		9.0	20	
trans-1,2-Dichloroethylene	A	10.0	10.2	0.6012956	0.6146205		2.2	20	
1,2-Dichloropropane	A	10.0	10.3	0.3162404	0.3263294		3.2	20	
1,3-Dichloropropane	A	10.0	10.3	0.5087606	0.5253939		3.3	20	
2,2-Dichloropropane	A	10.0	11.0	0.6030733	0.6636991		10.1	20	
1,1-Dichloropropene	A	10.0	10.1	0.5527761	0.5588716		1.1	20	
cis-1,3-Dichloropropene	A	10.0	10.6	0.4823059	0.5124496		6.2	20	
trans-1,3-Dichloropropene	A	10.0	10.0	0.4359988	0.4382966		0.5	20	
Diethyl Ether	A	10.0	10.2	0.3702305	0.3777691		2.0	20	
Diisopropyl Ether (DIPE)	A	10.0	10.6	1.74122	1.844214		5.9	20	
1,4-Dioxane	A	100	87.6	4.635165E-03	4.05892E-03		-12.4	20	
Ethylbenzene	A	10.0	9.57	2.545889	2.435667		-4.3	20	
Hexachlorobutadiene	A	10.0	9.14	0.2928132	0.2677753		-8.6	20	
2-Hexanone (MBK)	A	100	94.2	0.3344099	0.3150343		-5.8	20	
Isopropylbenzene (Cumene)	A	10.0	9.84	2.305934	2.269714		-1.6	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	9.22	1.967049	1.813066		-7.8	20	
Methyl Acetate	A	10.0	9.10	0.5828072	0.5304549		-9.0	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	10.9	1.31052	1.423196		8.6	20	
Methyl Cyclohexane	A	10.0	9.02	0.3612119	0.3258728		-9.8	20	
Methylene Chloride	A	10.0	10.9	0.6164331	0.6726471		9.1	20	
4-Methyl-2-pentanone (MIBK)	A	100	99.7	0.4656019	0.4643889		-0.3	20	
Naphthalene	A	10.0	4.96	2.298426	1.140435		-50.4	20	*
n-Propylbenzene	A	10.0	9.57	2.710896	2.593478		-4.3	20	

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	21L1283
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA3	Calibration:	1900192
Lab File ID:	C21V35408.D	Calibration Date:	05/16/19 09:46
Sequence:	S066642	Injection Date:	12/20/21
Lab Sample ID:	S066642-CCV1	Injection Time:	08:53

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Styrene	A	10.0	9.88	1.60354	1.584272		-1.2	20	
1,1,1,2-Tetrachloroethane	A	10.0	10.4	0.5280217	0.5487575		3.9	20	
1,1,2,2-Tetrachloroethane	A	10.0	10.1	0.8779885	0.8875258		1.1	20	
Tetrachloroethylene	A	10.0	10.4	0.2684052	0.2782406		3.7	20	
Tetrahydrofuran	A	10.0	10.6	0.2017468	0.2135594		5.9	20	
Toluene	A	10.0	10.4	1.159427	1.207296		4.1	20	
1,2,3-Trichlorobenzene	A	10.0	6.34	0.763704	0.4839292		-36.6	20	*
1,2,4-Trichlorobenzene	A	10.0	6.34	0.768892	0.487789		-36.6	20	*
1,3,5-Trichlorobenzene	A	10.0	8.53	0.816296	0.696692		-14.7	20	
1,1,1-Trichloroethane	A	10.0	11.0	0.5962929	0.6531512		9.5	20	
1,1,2-Trichloroethane	A	10.0	10.7	0.2729421	0.2927656		7.3	20	
Trichloroethylene	A	10.0	10.5	0.264012	0.2773976		5.1	20	
Trichlorofluoromethane (Freon 11)	A	10.0	10.7	0.5804948	0.621318		7.0	20	
1,2,3-Trichloropropane	A	10.0	9.14	0.7335319	0.6706401		-8.6	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	11.8	0.3179614	0.3754915		18.1	20	
1,2,4-Trimethylbenzene	A	10.0	9.62	2.04495	1.967281		-3.8	20	
1,3,5-Trimethylbenzene	A	10.0	9.23	1.923032	1.775085		-7.7	20	
Vinyl Chloride	A	10.0	10.7	0.5215649	0.5570278		6.8	20	
m+p Xylene	A	20.0	19.7	1.929171	1.896059		-1.7	20	
o-Xylene	A	10.0	10.1	1.987587	1.999036		0.6	20	
1,2-Dichloroethane-d4	A	25.0	28.4	0.5643226	0.6411663		13.6		
Toluene-d8	A	25.0	26.2	1.196284	1.253		4.7		
4-Bromofluorobenzene	A	25.0	25.7	0.8899582	0.9146138		2.8		

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Stuart Olver Holtz #48022480
Con-Test Analytical Laboratory SDG#22A0811
February 11, 2022
Sampling date: 1/13/2022

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for TRC, project located at Stuart Olver Holtz #48022480, Con-Test Analytical Laboratory SDG#22A0811-1 submitted to Vali-Data of WNY, LLC on January 28, 2021. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analysis using USEPA method Volatile Organics (8260D).

ID	Sample ID	Laboratory ID
1	Trip Blank	22A0811-01
2	SOH-MW-06	22A0811-02
3	SOH-URS-1S	22A0811-03
4	SOH-OW-6S	22A0811-04

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports
-Holding Times
-Internal Standard (IS) Area Performance
-Surrogate Spike Recoveries
-Method Blank
-Field Duplicate Sample Precision
-Laboratory Control Samples
-MS/MSD
-Compound Quantitation
-Initial Calibration
-Continuing Calibration
-GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Compound Quantitation, Initial Calibration and Continuing Calibration.

Samples: 2-4 were diluted due to high target analyte concentrations.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.
Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met except the pH of the sample was not recorded. The samples were analyzed within the 7-day window, so no further action is required.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
No field duplicate was acquired.

LABORATORY CONTROL SAMPLES
All criteria were met.

MS/MSD
No MS/MSD was acquired.

COMPOUND QUANTITATION
All criteria were met except a couple of target analytes were detected above the MDL, below the reporting limit and are qualified as estimated in Trip Blank. These target analytes should be qualified in the samples in which they were detected.

Sample ID	Target Analyte	Concentration(ug/L)	Qualifier	Associated Sample
Trip Blank	Toluene	.32	JH	2
Trip Blank	m&p-Xylene	.18	U at RL	none

INITIAL CALIBRATION
All criteria were met except the RRF of Bromodichloromethane, Chlorodibromomethane, 1,2-Dibromoethane, 1,4-Dioxane, 1,1,2-Trichloroethane, 1,2,3-Trichlorobenzene and 1,2,4-

Trichlorobenzene were outside QC limits in the initial calibration. These target analytes should be qualified as estimated in the blanks, samples and spikes.
Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION
All criteria were met except the RRF of Bromodichloromethane, Chlorodibromomethane, 1,2-Dibromoethane, 1,4-Dioxane, 1,1,2-Trichloroethane, 1,2,3-Trichlorobenzene and 1,2,4-Trichlorobenzene were outside QC limits in the continuing calibration. The %D of Bromochloromethane was outside QC limits in the continuing calibration. These target analytes should be qualified as estimated in the blanks, samples and spikes.

GC/MS PERFORMANCE CHECK
All criteria were met.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8260D

Qualifications:

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

22A0811-02[SOH-MW-6], 22A0811-03[SOH-URS-1S], 22A0811-04[SOH-OW-6S]

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bromochloromethane

B299153-BS1, B299153-BSD1, S067471-CCV1

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrie Hay, NY | Sample Description: | Work Order: 22A0811

Date Received: 1/14/2022

Field Sample #: Trip Blank | Sampled: 1/13/2022 00:00

Sample ID: 22A0811-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Bromomethane	ND	2.0	1.1	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
2-Butanone (MEK)	ND	20	1.9	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
tert-Butyl Alcohol (TBA)	ND	20	5.3	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Chloromethane	ND	2.0	0.38	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrie Hay, NY | Sample Description: | Work Order: 22A0811

Date Received: 1/14/2022

Field Sample #: Trip Blank | Sampled: 1/13/2022 00:00

Sample ID: 22A0811-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Methyl Acetate	ND	1.0	0.39	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Toluene	0.32	1.0	0.11	µg/L	1	J	SW-846 8260D	1/18/22	1/18/22 19:16	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF
m+p Xylene	0.18	2.0	0.18	µg/L	1	J	SW-846 8260D	1/18/22	1/18/22 19:16	MFF
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	1/18/22	1/18/22 19:16	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		1/18/22 19:16
Toluene-d8	101	70-130		1/18/22 19:16
4-Bromofluorobenzene	98.4	70-130		1/18/22 19:16

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrie Hay, NY | Sample Description: | Work Order: 22A0811

Date Received: 1/14/2022

Field Sample #: Trip Blank | Sampled: 1/13/2022 00:00

Sample ID: 22A0811-01

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	1/18/22	1/18/22 19:16	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrie Hay, NY | Sample Description: | Work Order: 22A0811

Date Received: 1/14/2022

Field Sample #: SOH-MW-6 | Sampled: 1/13/2022 00:00

Sample ID: 22A0811-02

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50000	2400	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Acrylonitrile	ND	5000	690	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
tert-Amyl Methyl Ether (TAME)	ND	500	150	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Benzene	ND	1000	130	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Bromobenzene	ND	1000	130	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Bromochloromethane	ND	1000	360	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Bromodichloromethane	ND	500	140	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Bromoform	ND	1000	290	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Bromomethane	ND	2000	1100	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
2-Butanone (MEK)	ND	20000	1900	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
tert-Butyl Alcohol (TBA)	ND	20000	5300	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
n-Butylbenzene	ND	1000	140	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
sec-Butylbenzene	ND	1000	100	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
tert-Butylbenzene	ND	1000	90	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	500	110	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Carbon Disulfide	ND	5000	1500	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Carbon Tetrachloride	ND	5000	170	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Chlorobenzene	ND	1000	80	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Chlorodibromomethane	ND	500	160	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Chloroethane	4500	2000	370	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Chloroform	ND	2000	190	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Chloromethane	ND	2000	380	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
2-Chlorotoluene	ND	1000	90	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
4-Chlorotoluene	ND	1000	100	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5000	720	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
1,2-Dibromoethane (EDB)	ND	500	150	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Dibromomethane	ND	1000	290	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
1,2-Dichlorobenzene	ND	1000	100	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
1,3-Dichlorobenzene	ND	1000	90	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
1,4-Dichlorobenzene	ND	1000	110	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
trans-1,4-Dichloro-2-butene	ND	2000	1800	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Dichlorodifluoromethane (Freon 12)	ND	2000	200	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
1,1-Dichloroethane	69000	1000	160	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
1,2-Dichloroethane	ND	1000	320	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
1,1-Dichloroethylene	5500	1000	160	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
cis-1,2-Dichloroethylene	57000	1000	150	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
trans-1,2-Dichloroethylene	ND	1000	170	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
1,2-Dichloropropane	ND	1000	180	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
1,3-Dichloropropane	ND	500	120	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
2,2-Dichloropropane	ND	1000	310	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
1,1-Dichloropropene	ND	2000	260	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
cis-1,3-Dichloropropene	ND	500	120	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
trans-1,3-Dichloropropene	ND	500	150	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Diethyl Ether	ND	2000	220	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrie Hay, NY | Sample Description: | Work Order: 22A0811

Date Received: 1/14/2022

Field Sample #: SOH-MW-6 | Sampled: 1/13/2022 00:00

Sample ID: 22A0811-02

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	500	150	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
1,4-Dioxane	ND	50000	22000	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Ethylbenzene	ND	1000	90	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Hexachlorobutadiene	ND	600	410	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
2-Hexanone (MBK)	ND	10000	1400	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Isopropylbenzene (Cumene)	ND	1000	100	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
p-Isopropyltoluene (p-Cymene)	ND	1000	90	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Methyl Acetate	ND	1000	390	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1000	170	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Methyl Cyclohexane	ND	1000	330	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Methylene Chloride	9300	5000	300	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
4-Methyl-2-pentanone (MIBK)	ND	10000	1600	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Naphthalene	ND	2000	150	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
n-Propylbenzene	ND	1000	80	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Styrene	ND	1000	80	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
1,1,1,2-Tetrachloroethane	ND	1000	140	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
1,1,2,2-Tetrachloroethane	ND	500	90	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Tetrachloroethylene	ND	1000	200	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Tetrahydrofuran	ND	10000	580	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Toluene	390	1000	110	µg/L	1000	J	SW-846 8260D	1/18/22	1/19/22 1:38	MFF
1,2,3-Trichlorobenzene	ND	5000	140	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
1,2,4-Trichlorobenzene	ND	1000	160	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
1,3,5-Trichlorobenzene	ND	1000	180	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
1,1,1-Trichloroethane	120000	1000	170	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
1,1,2-Trichloroethane	ND	1000	150	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Trichloroethylene	1100	1000	180	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Trichlorofluoromethane (Freon 11)	ND	2000	190	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
1,2,3-Trichloropropane	ND	2000	310	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	500	1000	240	µg/L	1000	J	SW-846 8260D	1/18/22	1/19/22 1:38	MFF
1,2,4-Trimethylbenzene	ND	1000	100	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
1,3,5-Trimethylbenzene	ND	1000	100	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
Vinyl Chloride	2500	2000	200	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
m+p Xylene	ND	2000	180	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF
o-Xylene	ND	1000	90	µg/L	1000		SW-846 8260D	1/18/22	1/19/22 1:38	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	100	70-130		1/19/22 1:38	
Toluene-d8	100	70-130		1/19/22 1:38	
4-Bromofluorobenzene	98.6	70-130		1/19/22 1:38	

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Project Location: Henrie Hay, NY | Sample Description: | Work Order: 22A0811

Date Received: 1/14/2022

Field Sample #: SOH-MW-6 | Sampled: 1/13/2022 00:00

Sample ID: 22A0811-02

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1000			SW-846 8260D	1/18/22	1/19/22 1:38	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrie Hay, NY | Sample Description: | Work Order: 22A0811

Date Received: 1/14/2022

Field Sample #: SOH-URS-1S | Sampled: 1/13/2022 00:00

Sample ID: 22A0811-03

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10000	470	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Acrylonitrile	ND	1000	140	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
tert-Amyl Methyl Ether (TAME)	ND	100	30	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Benzene	ND	200	26	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Bromobenzene	ND	200	26	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Bromochloromethane	ND	200	72	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Bromodichloromethane	ND	100	28	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Bromoform	ND	200	58	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Bromomethane	ND	400	210	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
2-Butanone (MEK)	590	4000	380	µg/L	200	J	SW-846 8260D	1/18/22	1/19/22 2:05	MFF
tert-Butyl Alcohol (TBA)	ND	4000	1100	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
n-Butylbenzene	ND	200	28	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
sec-Butylbenzene	ND	200	20	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
tert-Butylbenzene	ND	200	18	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	100	22	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Carbon Disulfide	ND	1000	300	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Carbon Tetrachloride	ND	1000	34	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Chlorobenzene	ND	200	16	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Chlorodibromomethane	ND	100	32	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Chloroethane	ND	400	74	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Chloroform	ND	400	38	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Chloromethane	ND	400	76	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
2-Chlorotoluene	ND	200	18	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
4-Chlorotoluene	ND	200	20	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1000	140	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
1,2-Dibromoethane (EDB)	ND	100	30	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Dibromomethane	ND	200	58	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
1,2-Dichlorobenzene	ND	200	20	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
1,3-Dichlorobenzene	ND	200	18	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
1,4-Dichlorobenzene	ND	200	22	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
trans-1,4-Dichloro-2-butene	ND	400	360	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Dichlorodifluoromethane (Freon 12)	ND	400	40	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
1,1-Dichloroethane	930	200	32	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
1,2-Dichloroethane	ND	200	64	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
1,1-Dichloroethylene	270	200	32	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
cis-1,2-Dichloroethylene	21000	200	30	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
trans-1,2-Dichloroethylene	250	200	34	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
1,2-Dichloropropane	ND	200	36	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
1,3-Dichloropropane	ND	100	24	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
2,2-Dichloropropane	ND	200	62	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
1,1-Dichloropropene	ND	400	52	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
cis-1,3-Dichloropropene	ND	100	24	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
trans-1,3-Dichloropropene	ND	100	30	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Diethyl Ether	ND	400	44	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrie Hay, NY | Sample Description: | Work Order: 22A0811

Date Received: 1/14/2022

Field Sample #: SOH-URS-1S | Sampled: 1/13/2022 00:00

Sample ID: 22A0811-03

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	100	30	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
1,4-Dioxane	ND	10000	4300	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Ethylbenzene	ND	200	18	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Hexachlorobutadiene	ND	120	82	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
2-Hexanone (MBK)	ND	2000	280	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Isopropylbenzene (Cumene)	ND	200	20	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
p-Isopropyltoluene (p-Cymene)	ND	200	18	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Methyl Acetate	ND	200	78	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Methyl tert-Butyl Ether (MTBE)	ND	200	34	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Methyl Cyclohexane	ND	200	66	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Methylene Chloride	130	1000	60	µg/L	200	J	SW-846 8260D	1/18/22	1/19/22 2:05	MFF
4-Methyl-2-pentanone (MIBK)	ND	2000	320	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Naphthalene	ND	400	30	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
n-Propylbenzene	ND	200	16	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Styrene	ND	200	16	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
1,1,1,2-Tetrachloroethane	ND	200	28	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
1,1,2,2-Tetrachloroethane	ND	100	18	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Tetrachloroethylene	68	200	40	µg/L	200	J	SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Tetrahydrofuran	ND	2000	120	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Toluene	ND	200	22	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
1,2,3-Trichlorobenzene	ND	1000	28	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
1,2,4-Trichlorobenzene	ND	200	32	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
1,3,5-Trichlorobenzene	ND	200	36	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
1,1,1-Trichloroethane	160	200	34	µg/L	200	J	SW-846 8260D	1/18/22	1/19/22 2:05	MFF
1,1,2-Trichloroethane	ND	200	30	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Trichloroethylene	150	200	36	µg/L	200	J	SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Trichlorofluoromethane (Freon 11)	ND	400	38	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
1,2,3-Trichloropropane	ND	400	62	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	200	48	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
1,2,4-Trimethylbenzene	ND	200	20	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
1,3,5-Trimethylbenzene	ND	200	20	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
Vinyl Chloride	3900	400	40	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
m+p Xylene	ND	400	36	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF
o-Xylene	ND	200	18	µg/L	200		SW-846 8260D	1/18/22	1/19/22 2:05	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		1/19/22 2:05
Toluene-d8	99.6	70-130		1/19/22 2:05
4-Bromofluorobenzene	98.4	70-130		1/19/22 2:05

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Project Location: Henrie Hay, NY | Sample Description: | Work Order: 22A0811

Date Received: 1/14/2022

Field Sample #: SOH-URS-1S | Sampled: 1/13/2022 00:00

Sample ID: 22A0811-03

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			200			SW-846 8260D	1/18/22	1/19/22 2:05	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrie Hay, NY | Sample Description: | Work Order: 22A0811

Date Received: 1/14/2022

Field Sample #: SOH-OW-6S | Sampled: 1/13/2022 00:00

Sample ID: 22A0811-04

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	2500	120	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Acrylonitrile	ND	250	34	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
tert-Amyl Methyl Ether (TAME)	ND	25	7.5	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Benzene	ND	50	6.5	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Bromobenzene	ND	50	6.5	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Bromochloromethane	ND	50	18	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Bromodichloromethane	ND	25	7.0	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Bromoform	ND	50	14	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Bromomethane	ND	100	54	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
2-Butanone (MEK)	170	1000	94	µg/L	50	J	SW-846 8260D	1/18/22	1/19/22 2:33	MFF
tert-Butyl Alcohol (TBA)	ND	1000	270	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
n-Butylbenzene	ND	50	7.0	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
sec-Butylbenzene	ND	50	5.0	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
tert-Butylbenzene	ND	50	4.5	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	25	5.5	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Carbon Disulfide	ND	250	76	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Carbon Tetrachloride	ND	250	8.5	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Chlorobenzene	ND	50	4.0	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Chlorodibromomethane	ND	25	8.0	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Chloroethane	ND	100	18	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Chloroform	ND	100	9.5	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Chloromethane	ND	100	19	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
2-Chlorotoluene	ND	50	4.5	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
4-Chlorotoluene	ND	50	5.0	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	250	36	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
1,2-Dibromoethane (EDB)	ND	25	7.5	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Dibromomethane	ND	50	14	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
1,2-Dichlorobenzene	ND	50	5.0	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
1,3-Dichlorobenzene	ND	50	4.5	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
1,4-Dichlorobenzene	ND	50	5.5	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
trans-1,4-Dichloro-2-butene	ND	100	90	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Dichlorodifluoromethane (Freon 12)	ND	100	10	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
1,1-Dichloroethane	46	50	8.0	µg/L	50	J	SW-846 8260D	1/18/22	1/19/22 2:33	MFF
1,2-Dichloroethane	ND	50	16	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
1,1-Dichloroethylene	ND	50	8.0	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
cis-1,2-Dichloroethylene	2000	50	7.5	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
trans-1,2-Dichloroethylene	18	50	8.5	µg/L	50	J	SW-846 8260D	1/18/22	1/19/22 2:33	MFF
1,2-Dichloropropane	ND	50	9.0	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
1,3-Dichloropropane	ND	25	6.0	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
2,2-Dichloropropane	ND	50	16	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
1,1-Dichloropropene	ND	100	13	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
cis-1,3-Dichloropropene	ND	25	6.0	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
trans-1,3-Dichloropropene	ND	25	7.5	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Diethyl Ether	ND	100	11	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrie Hay, NY | Sample Description: | Work Order: 22A0811

Date Received: 1/14/2022

Field Sample #: SOH-OW-6S | Sampled: 1/13/2022 00:00

Sample ID: 22A0811-04

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	25	7.5	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
1,4-Dioxane	ND	2500	1100	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Ethylbenzene	ND	50	4.5	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Hexachlorobutadiene	ND	30	20	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
2-Hexanone (MBK)	ND	500	70	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Isopropylbenzene (Cumene)	ND	50	5.0	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
p-Isopropyltoluene (p-Cymene)	ND	50	4.5	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Methyl Acetate	ND	50	20	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Methyl tert-Butyl Ether (MTBE)	ND	50	8.5	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Methyl Cyclohexane	ND	50	16	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Methylene Chloride	33	250	15	µg/L	50	J	SW-846 8260D	1/18/22	1/19/22 2:33	MFF
4-Methyl-2-pentanone (MIBK)	ND	500	81	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Naphthalene	ND	100	7.5	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
n-Propylbenzene	ND	50	4.0	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Styrene	ND	50	4.0	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
1,1,1,2-Tetrachloroethane	ND	50	7.0	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
1,1,2,2-Tetrachloroethane	ND	25	4.5	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Tetrachloroethylene	32	50	10	µg/L	50	J	SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Tetrahydrofuran	ND	500	29	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Toluene	ND	50	5.5	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
1,2,3-Trichlorobenzene	ND	250	7.0	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
1,2,4-Trichlorobenzene	ND	50	8.0	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
1,3,5-Trichlorobenzene	ND	50	9.0	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
1,1,1-Trichloroethane	ND	50	8.5	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
1,1,2-Trichloroethane	ND	50	7.5	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Trichloroethylene	58	50	9.0	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Trichlorofluoromethane (Freon 11)	ND	100	9.5	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
1,2,3-Trichloropropane	ND	100	16	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	50	12	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
1,2,4-Trimethylbenzene	ND	50	5.0	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
1,3,5-Trimethylbenzene	ND	50	5.0	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
Vinyl Chloride	74	100	10	µg/L	50	J	SW-846 8260D	1/18/22	1/19/22 2:33	MFF
m+p Xylene	ND	100	9.0	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF
o-Xylene	ND	50	4.5	µg/L	50		SW-846 8260D	1/18/22	1/19/22 2:33	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		1/19/22 2:33
Toluene-d8	100	70-130		1/19/22 2:33
4-Bromofluorobenzene	98.7	70-130		1/19/22 2:33

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Henrie Hay, NY | Sample Description: | Work Order: 22A0811

Date Received: 1/14/2022

Field Sample #: SOH-OW-6S | Sampled: 1/13/2022 00:00

Sample ID: 22A0811-04

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			50			SW-846 8260D	1/18/22	1/19/22 2:33	MFF

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	22A0811
Client:	NYDEC_TRC Environmental Corporation- Clifton Park	Project:	Stuart Olver Holtz- CO SMPB0001
Calibration:	2200004	Instrument:	GCMSVOA5
		Calibration Date:	1/4/2022 7:35:39AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
Acetone	7.159683E-02	9.0			20	
Acrolein	5.172498E-02	9.1			20	
Acrylonitrile	0.1052471	6.7			20	
tert-Amyl Methyl Ether (TAME)	0.7209663	8.2			20	
Benzene	1.222011	2.8			20	
Bromobenzene	0.6260948	7.3			20	
Bromochloromethane	0.2164615	15.8			20	
Bromodichloromethane	0.2476398	9.4			20	
Bromoform	0.2154443	17.7			20	
Bromomethane	0.1573628	15.6			20	
2-Butanone (MEK)	0.121202	5.9			20	
tert-Butyl Alcohol (TBA)	2.292431E-02	11.7			20	
n-Butylbenzene	1.352282	14.3			20	
sec-Butylbenzene	1.802855	11.0			20	
tert-Butylbenzene	1.253487	10.8			20	
tert-Butyl Ethyl Ether (TBEE)	0.79178	8.0			20	
Carbon Disulfide	0.7967695	8.3			20	
Carbon Tetrachloride	0.3758494	9.0			20	
Chlorobenzene	1.046329	5.5			20	
Chlorodibromomethane	0.1869851	12.4			20	
Chloroethane	0.1804872	13.5			20	
2-Chloroethyl Vinyl Ether	0.1269573	10.0			20	
Chloroform	0.5125747	4.5			20	
Chloromethane	0.3417516	14.5			20	
2-Chlorotoluene	1.177333	4.8			20	
4-Chlorotoluene	1.18012	7.4			20	
Cyclohexane	0.5311212	6.5			20	
1,2-Dibromo-3-chloropropane (DBCP)	6.088938E-02	17.9			20	
1,2-Dibromoethane (EDB)	0.1626881	10.9			20	
Dibromomethane	0.1175663	6.3			20	
1,2-Dichlorobenzene	0.7237142	7.8			20	

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	22A0811
Client:	NYDEC_TRC Environmental Corporation- Clifton Park	Project:	Stuart Olver Holtz- CO SMPB0001
Calibration:	2200004	Instrument:	GCMSVOA5
		Calibration Date:	1/4/2022 7:35:39AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
1,3-Dichlorobenzene	0.807913	9.2			20	
1,4-Dichlorobenzene	0.8249951	6.8			20	
trans-1,4-Dichloro-2-butene	0.1075568	11.3			20	
Dichlorodifluoromethane (Freon 12)	0.388165	6.7			20	
1,1-Dichloroethane	0.5225156	5.3			20	
1,2-Dichloroethane	0.257927	13.0			20	
1,1-Dichloroethylene	0.4222399	4.5			20	
cis-1,2-Dichloroethylene	0.4139672	5.1			20	
trans-1,2-Dichloroethylene	0.4209055	4.7			20	
Dichlorofluoromethane (Freon 21)	0.5179793	6.3			20	
1,2-Dichloropropane	0.2033845	5.9			20	
1,3-Dichloropropane	0.2792627	9.6			20	
2,2-Dichloropropane	0.3895988	6.6			20	
1,1-Dichloropropene	0.4005375	6.9			20	
cis-1,3-Dichloropropene	0.3065878	11.4			20	
trans-1,3-Dichloropropene	0.2426863	14.0			20	
Diethyl Ether	0.1934383	5.7			20	
Difluorochloromethane (Freon 22)	0.4034106	7.5			20	
Diisopropyl Ether (DIPE)	0.8727756	5.2			20	
1,4-Dioxane	2.088244E-03	8.5			20	
Ethanol	4.97788E-03	18.4			20	
Ethyl Acetate	0.2454666	8.4			20	
Ethylbenzene	1.760677	7.7			20	
Hexachlorobutadiene	0.2072355	12.1			20	
2-Hexanone (MBK)	0.1139797	11.7			20	
Iodomethane	0.3812631	19.0			20	
Isopropylbenzene (Cumene)	1.744379	6.3			20	
p-Isopropyltoluene (p-Cymene)	1.469487	11.6			20	
Methyl Acetate	0.2306531	15.6			20	
Methyl tert-Butyl Ether (MTBE)	0.703102	7.8			20	
Methyl Cyclohexane	0.3318229	6.8			20	

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	22A0811
Client:	NYDEC_TRC Environmental Corporation- Clifton Park	Project:	Stuart Olver Holtz- CO SMPB0001
Calibration:	2200004	Instrument:	GCMSVOA5
		Calibration Date:	1/4/2022 7:35:39AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
Methylene Chloride	0.3681109	8.0			20	
4-Methyl-2-pentanone (MIBK)	0.1679712	10.9			20	
Naphthalene	0.771276	17.0			20	
n-Propylbenzene	2.023007	8.8			20	
Styrene	1.00575	11.8			20	
1,1,1,2-Tetrachloroethane	0.3436871	10.3			20	
1,1,2,2-Tetrachloroethane	0.3970277	10.4			20	
Tetrachloroethylene	0.2229981	5.4			20	
Tetrahydrofuran	7.719281E-02	11.4			20	
Toluene	0.8432327	4.1			20	
1,2,3-Trichlorobenzene	0.2664118	16.8			20	
1,2,4-Trichlorobenzene	0.3606225	14.8			20	
1,3,5-Trichlorobenzene	0.4526021	13.7			20	
1,1,1-Trichloroethane	0.4099857	8.7			20	
1,1,2-Trichloroethane	0.1579222	8.3			20	
Trichloroethylene	0.2016221	6.4			20	
Trichlorofluoromethane (Freon 11)	0.439477	6.2			20	
1,2,3-Trichloropropane	0.304366	11.3			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.2881461	6.6			20	
1,2,3-Trimethylbenzene	1.37952	9.9			20	
1,2,4-Trimethylbenzene	1.396902	12.4			20	
1,3,5-Trimethylbenzene	1.283313	10.8			20	
Vinyl Acetate	0.6095244	9.9			20	
Vinyl Chloride	0.2174587	13.9			20	
m+p Xylene	1.393248	7.6			20	
o-Xylene	1.363976	7.5			20	
1,2-Dichloroethane-d4	0.4950766	2.1			20	
Toluene-d8	1.190889	1.2			20	
4-Bromofluorobenzene	0.8597184	2.0			20	

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	22A0811
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA5	Calibration:	2200004
Lab File ID:	E22V101768.D	Calibration Date:	01/04/22 07:35
Sequence:	S067471	Injection Date:	01/18/22
Lab Sample ID:	S067471-CCV1	Injection Time:	16:05

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	101	7.159683E-02	7.248825E-02		1.2	20	
Acrylonitrile	A	10.0	10.0	0.1052471	0.1055776		0.3	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	10.2	0.7209663	0.7317784		1.5	20	
Benzene	A	10.0	10.4	1.222011	1.266101		3.6	20	
Bromobenzene	A	10.0	10.4	0.6260948	0.6506809		3.9	20	
Bromochloromethane	A	10.0	12.1	0.2164615	0.2618696		21.0	20	*
Bromodichloromethane	A	10.0	10.0	0.2476398	0.2487814		0.5	20	
Bromoform	A	10.0	9.70	0.2154443	0.2089954		-3.0	20	
Bromomethane	A	10.0	11.7	0.1573628	0.1837098		16.7	20	
2-Butanone (MEK)	A	100	104	0.121202	0.1256329		3.7	20	
tert-Butyl Alcohol (TBA)	A	100	112	2.292431E-02	2.572601E-02		12.2	20	
n-Butylbenzene	A	10.0	10.0	1.352282	1.356316		0.3	20	
sec-Butylbenzene	A	10.0	10.2	1.802855	1.832057		1.6	20	
tert-Butylbenzene	A	10.0	10.3	1.253487	1.286028		2.6	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	10.4	0.79178	0.8237024		4.0	20	
Carbon Disulfide	A	100	110	0.7967695	0.8790375		10.3	20	
Carbon Tetrachloride	A	10.0	10.7	0.3758494	0.4032267		7.3	20	
Chlorobenzene	A	10.0	10.6	1.046329	1.113559		6.4	20	
Chlorodibromomethane	A	10.0	9.94	0.1869851	0.1859002		-0.6	20	
Chloroethane	A	10.0	10.0	0.1804872	0.1813958		0.5	20	
Chloroform	A	10.0	10.7	0.5125747	0.5477736		6.9	20	
Chloromethane	A	10.0	8.15	0.3417516	0.2785194		-18.5	20	
2-Chlorotoluene	A	10.0	10.3	1.177333	1.210925		2.9	20	
4-Chlorotoluene	A	10.0	10.6	1.18012	1.256487		6.5	20	
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	9.40	6.088938E-02	5.725304E-02		-6.0	20	
1,2-Dibromoethane (EDB)	A	10.0	10.6	0.1626881	0.1721515		5.8	20	
Dibromomethane	A	10.0	10.5	0.1175663	0.1235064		5.1	20	
1,2-Dichlorobenzene	A	10.0	10.2	0.7237142	0.7388682		2.1	20	
1,3-Dichlorobenzene	A	10.0	10.4	0.807913	0.8402717		4.0	20	

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	22A0811
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA5	Calibration:	2200004
Lab File ID:	E22V101768.D	Calibration Date:	01/04/22 07:35
Sequence:	S067471	Injection Date:	01/18/22
Lab Sample ID:	S067471-CCV1	Injection Time:	16:05

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,4-Dichlorobenzene	A	10.0	10.4	0.8249951	0.8619165		4.5	20
trans-1,4-Dichloro-2-butene	A	10.0	9.03	0.1075568	9.715755E-02		-9.7	20
Dichlorodifluoromethane (Freon 12)	A	10.0	10.6	0.388165	0.4128884		6.4	20
1,1-Dichloroethane	A	10.0	10.7	0.5225156	0.5606896		7.3	20
1,2-Dichloroethane	A	10.0	9.42	0.257927	0.2428445		-5.8	20
1,1-Dichloroethylene	A	10.0	10.8	0.4222399	0.4553517		7.8	20
cis-1,2-Dichloroethylene	A	10.0	10.9	0.4139672	0.4523647		9.3	20
trans-1,2-Dichloroethylene	A	10.0	10.6	0.4209055	0.4479395		6.4	20
1,2-Dichloropropane	A	10.0	10.5	0.2033845	0.2135474		5.0	20
1,3-Dichloropropane	A	10.0	10.5	0.2792627	0.2941706		5.3	20
2,2-Dichloropropane	A	10.0	10.5	0.3895988	0.4103439		5.3	20
1,1-Dichloropropene	A	10.0	10.9	0.4005375	0.436812		9.1	20
cis-1,3-Dichloropropene	A	10.0	10.2	0.3065878	0.3143123		2.5	20
trans-1,3-Dichloropropene	A	10.0	10.1	0.2426863	0.2449318		0.9	20
Diethyl Ether	A	10.0	10.6	0.1934383	0.205679		6.3	20
Diisopropyl Ether (DIPE)	A	10.0	10.6	0.8727756	0.9230386		5.8	20
1,4-Dioxane	A	100	93.7	2.088244E-03	1.957304E-03		-6.3	20
Ethylbenzene	A	10.0	10.9	1.760677	1.911607		8.6	20
Hexachlorobutadiene	A	10.0	10.3	0.2072355	0.2125331		2.6	20
2-Hexanone (MBK)	A	100	106	0.1139797	0.1203186		5.6	20
Isopropylbenzene (Cumene)	A	10.0	10.6	1.744379	1.855363		6.4	20
p-Isopropyltoluene (p-Cymene)	A	10.0	10.0	1.469487	1.470096		0.04	20
Methyl Acetate	A	10.0	11.2	0.2306531	0.2575182		11.6	20
Methyl tert-Butyl Ether (MTBE)	A	10.0	10.3	0.703102	0.7269383		3.4	20
Methyl Cyclohexane	A	10.0	10.4	0.3318229	0.3453092		4.1	20
Methylene Chloride	A	10.0	10.7	0.3681109	0.3935743		6.9	20
4-Methyl-2-pentanone (MIBK)	A	100	108	0.1679712	0.1818762		8.3	20
Naphthalene	A	10.0	9.62	0.771276	0.7422313		-3.8	20
n-Propylbenzene	A	10.0	10.6	2.023007	2.144972		6.0	20

CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

Laboratory:	Con-Test, a Pace Analytical Laboratory	Work Order:	22A0811
Client:	NYDEC_TRC Environmental Corporation- Clifton	Project:	Stuart Olver Holtz- CO SMPB0001
Instrument ID:	GCMSVOA5	Calibration:	2200004
Lab File ID:	E22V101768.D	Calibration Date:	01/04/22 07:35
Sequence:	S067471	Injection Date:	01/18/22
Lab Sample ID:	S067471-CCV1	Injection Time:	16:05

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Styrene	A	10.0	10.5	1.00575	1.058308		5.2	20
1,1,1,2-Tetrachloroethane	A	10.0	10.4	0.3436871	0.3581167		4.2	20
1,1,2,2-Tetrachloroethane	A	10.0	10.5	0.3970277	0.4179295		5.3	20
Tetrachloroethylene	A	10.0	10.7	0.2229981	0.2393136		7.3	20
Tetrahydrofuran	A	10.0	10.8	7.719281E-02	8.327648E-02		7.9	20
Toluene	A	10.0	10.5	0.8432327	0.8859489		5.1	20
1,2,3-Trichlorobenzene	A	10.0	10.2	0.2664118	0.2728667		2.4	20
1,2,4-Trichlorobenzene	A	10.0	10.4	0.3606225	0.3742837		3.8	20
1,3,5-Trichlorobenzene	A	10.0	10.1	0.4526021	0.4590198		1.4	20
1,1,1-Trichloroethane	A	10.0	10.9	0.4099857	0.4478197		9.2	20
1,1,2-Trichloroethane	A	10.0	10.4	0.1579222	0.1646585		4.3	20
Trichloroethylene	A	10.0	10.8	0.2016221	0.217122		7.7	20
Trichlorofluoromethane (Freon 11)	A	10.0	10.9	0.439477	0.480944		9.4	20
1,2,3-Trichloropropane	A	10.0	10.8	0.304366	0.3290872		8.1	20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	11.0	0.2881461	0.3159399		9.6	20
1,2,4-Trimethylbenzene	A	10.0	10.4	1.396902	1.450469		3.8	20
1,3,5-Trimethylbenzene	A	10.0	10.6	1.283313	1.360341		6.0	20
Vinyl Chloride	A	10.0	9.45	0.2174587	0.2055407		-5.5	20
m+p Xylene	A	20.0	21.5	1.393248	1.497388		7.5	20
o-Xylene	A	10.0	10.8	1.363976	1.477379		8.3	20
1,2-Dichloroethane-d4	A	25.0	25.4	0.4950766	0.5033244		1.7	
Toluene-d8	A	25.0	24.9	1.190889	1.187571		-0.3	
4-Bromofluorobenzene	A	25.0	25.0	0.8597184	0.8587099		-0.1	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Stuart Olver Holtz #48022480
Con-Test Analytical Laboratory SDG#480-192071-1
February 14, 2022
Sampling date: 11/8-12, 15, 16/2021

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for TRC, project located at Stuart Olver Holtz #48022480, Con-Test Analytical Laboratory SDG#480-192071-1 submitted to Vali-Data of WNY, LLC on January 28, 2022. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analysis using USEPA method Volatile Organics (8260C).

ID	Sample ID	Laboratory ID
1	SOH-SB-02(4-5)	480-192071-1
2	SOH-SB-02(16-17)	480-192071-2
3	SOH-SB-02(36-37)	480-192071-3
4	SOH-SB-03(3-4)	480-192071-4
5	SOH-SB-03(3-14)	480-192071-5
6	SOH-SB-03(33-34)	480-192071-6
7	SOH-SB-23(15-16)	480-192264-1
8	SOH-SB-13(2-3)	480-192264-2
9	SOH-SB-13(31-32)	480-192264-3
10	SOH-SB-13(34-35)	480-192264-4
11	SOH-SB-15(2-3)	480-192264-5
12	SOH-SB-15(24-25)	480-192264-6
13	SOH-SB-15(34-35)	480-192264-7
14	SOH-SB-DUP-1	480-192264-8
15	Trip Blank	480-192264-9
16	SOH-SB-07(3-4)	480-192264-10
17	SOH-SB-07(14-15)	480-192264-11
18	SOH-SB-06(2-3)	480-192264-12
19	SOH-SB-06(14-15)	480-192264-13
20	SOH-SB-06(32-33)	480-192264-15
21	SOH-SB-EB-1	480-192264-16
22	SOH-SB-22(6-7)	480-192393-1
23	SOH-SB-22(22-23)	480-192393-2
24	SOH-SB-22(27-28)	480-192393-3
25	SOH-SB-18(6-7)	480-192393-4
26	SOH-SB-18(14-15)	480-192393-5
27	SOH-SB-18(20-21)	480-192393-6
28	SOH-SB-09(28-29)	480-192393-7
29	SOH-SB-09(22-23)	480-192393-8
30	SOH-SB-10(2-3)	480-192428-1
31	SOH-SB-10(21-22)	480-192428-2
32	SOH-SB-10(25-26)	480-192428-3
33	SOH-SB-09(3-4)	480-192428-4

ID	Sample ID	Laboratory ID
34	SOH-SB-DUP-2	480-192428-5
35	TRIP BLANK	480-192428-6
36	Trip Blank	480-192456-1
37	SOH-SB-24(23-24)	480-192456-2
38	SOH-SB-EB-2	480-192456-3
39	SOH-SB-07(23-24)	480-192456-4
40	TRIP BLANK	480-192511-1
41	SOH-SB-19(4-5)	480-192511-2
42	SOH-SB-19(5-6)	480-192511-3
43	SOH-SB-19(14-15)	480-192511-4
44	SOH-SB-20(4-5)	480-192511-5
45	SOH-SB-20(12-13)	480-192511-6
46	SOH-SB-20(17-18)	480-192511-7

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports
-Holding Times
-Internal Standard (IS) Area Performance
-Surrogate Spike Recoveries
-Method Blank
-Field Duplicate Sample Precision
-Laboratory Control Samples
-MS/MSD
-Compound Quantitation
-Initial Calibration
-Continuing Calibration
-GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Holding Times, Method Blank, Laboratory Control Samples, Internal Standards, Compound Quantitation, MS/MSD, Initial Calibration and Continuing Calibration.

Samples: 2, 5, 9, 10, 17, 19, 28, 29, 31 and 37 were diluted and underwent medium level analysis due to high target analyte concentrations.
Sample: 7 underwent medium level analysis due to high target analyte concentration.

DATA COMPLETENESS
All criteria were met except two trip blanks arrived with batch 480-192264-1 but only one was analyzed. The date of the trip blank analyzed is unknown. The trip blank that was analyzed did not have any detects, so no further action is required.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.
Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met except the temperature of samples 30-35 was outside QC limits, high upon receipt by Eurofins. Target analytes in these samples should be qualified as estimated.
Most of the soil samples were frozen upon arrival. Samples: 7-14, 16, 17, 30-34 were frozen outside the 48-hour required by method 5035 low level soils in deionized water. Target analytes in these samples should be qualified as estimated.

INTERNAL STANDARD (IS)
All criteria were met except the area of all of the internal standards was outside QC limits, low in sample 25. Detected target analytes in this sample should be qualified as estimated high.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All criteria were met except several target analytes were detected in the blanks above the MDL, below the reporting limit and are qualified as estimated.

Blank ID	Target Analyte/TIC RT	Concentration	Qualifier	Associated Sample
MB 480-605819/9	Carbon Disulfide	.399ug/L	U at RL	40
MB 480-605962/2-A	Chloroethane	84.4mg/kg	U at RL	None
MB 480-605962/2-A	Chloromethane	88.7mg/kg	U at RL	None
MB 480-605962/2-A	Dichlorodifluoromethane	89.1mg/kg	U at RL	None

Blank ID	Target Analyte/TIC RT	Concentration	Qualifier	Associated Sample
MB 480-605962/2-A	Vinyl Chloride	74.1mg/kg	U at RL	None
MB 480-605962/2-A	1.52	64.3	U	None
MB 480-605962/2-A	2.10	50.3	U	None
MB 480-605077/2-A	1.65	559ug/kg	U	None
MB 480-605077/2-A	1.85	753ug/kg	U	None

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met except 1,1-Dichloroethane and cis-1,2-Dichloroethene were detected in SOH-SB-15(34-35) but were not detected in SOH-SB-DUP-1. Acetone and 1,2-Dichloroethane were detected in SOH-SB-DUP-1 but were not detected in SOH-SB-09(3-4).

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of Dichlorodifluoromethane was outside QC limits, low in LCS 480-606107/6 and should be qualified as estimated. This target analyte should be qualified as estimated in sample 38.

The %Rec of Styrene in LCS 480-604541/1-A and Vinyl Chloride in LCS 480-605962/1-A were detected outside QC limits, high and should be qualified as estimated. These target analytes were not detected in the associated samples, so no further action is required.

MS/MSD

All criteria were met except some target analytes were outside QC limits and should be qualified as estimated. Target analytes in which the %Rec was outside QC limits, high should be qualified as estimated high in the associated samples in which they were detected. Target analytes in which the %Rec was outside QC limits, low or the RPD was outside QC limits, should be qualified as estimated in the associated samples.

Target analyte	%Rec 6MS	%Rec 6MSD	RPD	Qualifier	Associated Sample
1,1,2,2-Tetrachloroethane	78	79	-	UJ	6
2-Butanone	62	66	-	UJ	6
Target analyte	**%Rec 27MS**	**%Rec 27MSD**	**RPD**	**Qualifier**	**Associated Sample**
1,1,2,2-Tetrachloroethane	74	75	-	UJ	27
2-Butanone	64	64	-	UJ	27
1,1,1-Trichloroethane	72	69	-	J	27
1,1-Dichloroethane	57	57	-	J	27
1,2,4-Trichlorobenzene	33	43	39	UJ	27
1,2-Dichlorobenzene	65	71	-	UJ	27

Target analyte	%Rec 27MS	%Rec 27MSD	RPD	Qualifier	Associated Sample
1,3-Dichlorobenzene	59	64	-	UJ	27
1,4-Dichlorobenzene	58	64	-	UJ	27
cis-1,2-Dichloroethene	50	50	-	J	27
1,2-Dibromoethane	76	76	-	UJ	27
cis-1,3-Dichloropropene	72	73	-	UJ	27
Styrene	75	76	-	UJ	27

Some target analytes were outside QC limits in the matrix spike or matrix spikes duplicate but not both, so no further action is required.

COMPOUND QUANTITATION

All criteria were met except Carbon Disulfide was detected above the MDL, below the reporting limit and is qualified as estimated in TRIP BLANK (11/16/21). This target analyte was detected in the associated blank and is thus qualified as undetected, so no further action is required.

INITIAL CALIBRATION

All criteria were met except some target analytes were outside QC limits in an initial calibration and an initial calibration verification. These target analytes should be qualified as estimated in the associated samples, blanks and spikes.

Cal ID	Target Analyte	%RSD/%D	Qualifier	Associated Sample
HP5977L	Carbon Disulfide	26.4	UJ/J	MB/LCS 480-605314, 21
HP5977L	Chlorodibromomethane	26.5	UJ/J	MB/LCS 480-605314, 21
HP5977L	Bromoform	26.5	UJ/J	MB/LCS 480-605314, 21
ICV 480-604142/26	Chlorodibromomethane	22.6	UJ/J	MB/LCS 480-605314, 21

Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of several target analytes was outside QC limits in the continuing calibrations and should be qualified as estimated in the associated samples, blank and spikes.

Ccal ID	Target Analyte	%D	Qualifier	Associated Sample
CCVIS 480-604890/4	1,1-Dichloroethene	-25.4	UJ/J	MB/LCS 480-604862, 19
CCVIS 480-604890/4	Carbon disulfide	-33.2	UJ/J	MB/LCS 480-604862, 19
CCVIS 480-605064/2	Carbon tetrachloride	29.9	UJ/J	MB/LCS 480-604888, 8, 12
CCVIS 480-605079/4	Carbon tetrachloride	26.6	UJ/J	MB/LCS 480-605076, 14, 20, 22-24, 26-29, 27MS/MSD

Ccal ID	Target Analyte	%D	Qualifier	Associated Sample
CCVIS 480-605260/4	trans-1,3-dichloropropene	22-2	UJ/J	MB/LCS 480-605264, 25, 30, 32-34, 37
CCVIS 480-605478/3	Carbon tetrachloride	28.7	UJ/J	MB/LCS 480-605474, 39
CCVIS 480-606107/4	Dichlorodifluoromethane	-56.8	UJ/J	MB/LCS 480-606107, 38
CCVIS 480-606107/4	Vinyl chloride	-25.5	UJ/J	MB/LCS 480-606107, 38
CCVIS 480-606107/4	Trichlorofluoromethane	-38.5	UJ/J	MB/LCS 480-606107, 38
CCVIS 480-605141/3	Carbon tetrachloride	30.1	UJ/J	MB/LCS/LCSD 480-605077, 7DL, 9DL, 10DL, 17DL, 19DL
CCVIS 480-605141/3	Tetrachloroethene	20.4	UJ/J	MB/LCS/LCSD 480-605077, 7DL, 9DL, 10DL, 17DL, 19DL
CCVIS 480-605314/2	Chloroethane	29.7	UJ/J	MB/LCS 480-605314, 21
CCVIS 480-605314/2	1,2-Dibromo-3-chloropropane	-33.9	UJ/J	MB/LCS 480-605314, 21

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

Job Narrative
480-192071-1

Comments
No additional comments.

Receipt
The samples were received on 11/9/2021 10:00 AM, 11/11/2021 10:00 AM, 11/13/2021 10:00 AM, 11/16/2021 8:00 AM, 11/16/2021 10:00 AM and 11/17/2021 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 7 coolers at receipt time were 1.8º C, 2.2º C, 2.9º C, 3.1º C, 3.2º C, 3.3º C and 13.4º C.

Receipt Exceptions
The following samples were preserved via freezing on 11/13/21 at 1300>: SOH-SB-22(6-7) (480-192393-1), SOH-SB-22(22-23) (480-192393-2), SOH-SB-22(27-28) (480-192393-3), SOH-SB-18(6-7) (480-192393-4), SOH-SB-18(14-15) (480-192393-5), SOH-SB-18(20-21) (480-192393-6), SOH-SB-18(20-21) (480-192393-6[MS]), SOH-SB-18(20-21) (480-192393-6[MSD]), SOH-SB-09(28-29) (480-192393-7) and SOH-SB-09(22-23) (480-192393-8) . FROZEN PRIOR TO PROCESSING.

Cooler recieved outside of acceptable temperature range and outside of freeze time for terracores.

SOH-SB-10 (2-3) (480-192428-1), SOH-SB-10 (21-22) (480-192428-2), SOH-SB-10 (25-26) (480-192428-3), SOH-SB-09 (3-4) (480-192428-4), SOH-SB-DUP-2 (480-192428-5) and TRIP BLANK (480-192428-6)

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 480-604154 recovered outside acceptance criteria, low biased, for Methylene Chloride. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analytes, the data are reported. The associated samples are: SOH-SB-02 (4-5) (480-192071-1), SOH-SB-02 (16-17) (480-192071-2), SOH-SB-02 (36-37) (480-192071-3), SOH-SB-03 (3-4) (480-192071-4) and SOH-SB-03 (3-14) (480-192071-5).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-604154 recovered above the upper control limit for Carbon tetrachloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SOH-SB-02 (4-5) (480-192071-1), SOH-SB-02 (16-17) (480-192071-2), SOH-SB-02 (36-37) (480-192071-3), SOH-SB-03 (3-4) (480-192071-4) and SOH-SB-03 (3-14) (480-192071-5).

Method 8260C: The continuing calibration verification (CCVIS) associated with batch 480-604338 recovered outside acceptance criteria, low biased, for Methylene Chloride and Carbon disulfide. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analytes, the data are reported. The associated sample is: SOH-SB-03 (33-34) (480-192071-6).

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 480-604334 and analytical batch 480-604338 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. The associated samples are: SOH-SB-03 (33-34) (480-192071-6[MS]) and SOH-SB-03 (33-34) (480-192071-6[MSD]).

Method 8260C: The laboratory control sample (LCS) for preparation batch 480-604541 and analytical batch 480-604773 recovered outside control limits for the following analyte: Styrene. This analyte was biased high in the LCS and was not detected in the associated sample(s); therefore, the data have been reported. The associated samples are: SOH-SB-02 (16-17) (480-192071-2) and SOH-SB-03 (3-14) (480-192071-5)

Method 8260C: The following samples were analyzed using medium level soil analysis and were diluted to bring the concentration of target analytes within the calibration range: SOH-SB-02 (16-17) (480-192071-2) and SOH-SB-03 (3-14) (480-192071-5). Elevated reporting limits (RLs) are provided.

Method 8260C: The following samples were preserved via freezing on 11/12/2021 at 11:00: SOH-SB-23 (15-16) (480-192264-1), SOH-SB-13 (31-32) (480-192264-3), SOH-SB-13 (34-35) (480-192264-4), SOH-SB-15 (2-3) (480-192264-5), SOH-SB-15 (34-35) (480-192264-7), SOH-SB-07 (3-4) (480-192264-10) and SOH-SB-07 (14-15) (480-192264-11) . This is outside the 48 hour time frame required by the method.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-604868 recovered outside acceptance criteria, low biased, for Carbon disulfide, Methyl tert-butyl ether and Methylene Chloride. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analytes, the data are reported. The associated samples are: SOH-SB-23 (15-16) (480-192264-1), SOH-SB-13 (31-32) (480-192264-3), SOH-SB-13 (34-35) (480-192264-4), SOH-SB-15 (2-3) (480-192264-5), SOH-SB-15 (34-35) (480-192264-7), SOH-SB-07 (3-4) (480-192264-10) and SOH-SB-06 (2-3) (480-192264-12).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-604868 recovered outside acceptance criteria, low biased, for Methyl tert-butyl ether and Methylene Chloride. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated sample was non-detect for the analytes, the data is reported. The associated sample is: SOH-SB-07 (14-15) (480-192264-11).

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 480-604868 was outside the method criteria for the following analyte: Carbon disulfide. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated. The associated sample is: SOH-SB-07 (14-15) (480-192264-11).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-604890 recovered outside acceptance criteria, low biased, for 1,2,4-Trichlorobenzene, Carbon disulfide and Cyclohexane. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated sample was non-detect for the analytes, the data are reported. The associated sample is: SOH-SB-06 (14-15) (480-192264-13).

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 480-604890 was outside the method criteria for the following analyte(s): 1,1-Dichloroethene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected sample and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated. The associated sample is: SOH-SB-06 (14-15) (480-192264-13).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-605064 recovered above the upper control limit for Carbon tetrachloride and trans-1,3-Dichloropropene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SOH-SB-13 (2-3) (480-192264-2) and SOH-SB-15 (24-25) (480-192264-6).

Method 8260C: The following samples were preserved via freezing on 11/12/2021 at 11:00: SOH-SB-13 (2-3) (480-192264-2) and SOH-SB-15 (24-25) (480-192264-6) . This is outside the 48 hour time frame required by the method.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-605079 recovered above the upper control limit for 2-Hexanone and Carbon tetrachloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SOH-SB-DUP-1 (480-192264-8), SOH-SB-06 (32-33) (480-192264-15), SOH-SB-22(6-7) (480-192393-1), SOH-SB-22(22-23) (480-192393-2), SOH-SB-22(27-28) (480-192393-3), SOH-SB-18(14-15) (480-192393-5), SOH-SB-18(20-21) (480-192393-6), SOH-SB-09(28-29) (480-192393-7) and SOH-SB-09(22-23) (480-192393-8).

Method 8260C: The following sample was preserved via freezing on 11/12/2021 at 11:00: SOH-SB-DUP-1 (480-192264-8) . This is outside the 48 hour time frame required by the method.

Method 8260C: The following samples were analyzed using medium level soil analysis and diluted to bring the concentration of target analytes within the calibration range: SOH-SB-13 (31-32) (480-192264-3), SOH-SB-13 (34-35) (480-192264-4), SOH-SB-07 (14-15) (480-192264-11) and SOH-SB-06 (14-15) (480-192264-13). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample was analyzed using medium level soil analysis to bring the concentration of target analytes within the calibration range: SOH-SB-23 (15-16) (480-192264-1). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-605141 recovered above the upper control limit for Carbon tetrachloride and Tetrachloroethene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SOH-SB-23 (15-16) (480-192264-1), SOH-SB-13 (34-35) (480-192264-4) and SOH-SB-06 (14-15) (480-192264-13).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-605141 recovered above the upper control limit for Carbon tetrachloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SOH-SB-13 (31-32) (480-192264-3) and SOH-SB-07 (14-15) (480-192264-11).

Method 8260C: The continuing calibration verification (CCV) analyzed in 480-605141 was outside the method criteria for the following analyte(s): Tetrachloroethene. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated. The associated samples are impacted: SOH-SB-13 (31-32) (480-192264-3) and SOH-SB-07 (14-15) (480-192264-11).

Method 8260C: Internal standard (ISTD) response for the following sample was outside control limits: SOH-SB-18(6-7) (480-192393-4). The sample was re-analyzed and ISTD response was outside control limits.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-605260 recovered above the upper control limit for 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Carbon tetrachloride and trans-1,3-Dichloropropene. The sample(s) associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SOH-SB-18(6-7) (480-192393-4), SOH-SB-10 (2-3) (480-192428-1), SOH-SB-10 (25-26) (480-192428-3), SOH-SB-09 (3-4) (480-192428-4), SOH-SB-DUP-2 (480-192428-5) and SOH-SB-24 (23-24) (480-192456-2).

Method 8260C: The following samples were preserved via freezing on 11/16/2021 at 10:00: SOH-SB-10 (2-3) (480-192428-1), SOH-SB-10 (25-26) (480-192428-3), SOH-SB-09 (3-4) (480-192428-4) and SOH-SB-DUP-2 (480-192428-5) . This is outside the 48 hour time frame required by the method.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-605478 recovered above the upper control limit for 2-Hexanone, Carbon tetrachloride and trans-1,3-Dichloropropene. The sample associated with this CCV was non-detect for the

affected analytes; therefore, the data has been reported. The associated sample is impacted: SOH-SB-07 (23-24) (480-192456-4).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-605314 recovered above the upper control limit for Chloromethane. The samples associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported. The associated sample is impacted: SOH-SB-EB-1 (480-192264-16).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-605481 recovered above the upper control limit for 2-Hexanone, 4-Methyl-2-pentanone (MIBK) and Carbon tetrachloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SOH-SB-19 (4-5) (480-192511-2), SOH-SB-19 (5-6) (480-192511-3), SOH-SB-19 (14-15) (480-192511-4), SOH-SB-20 (4-5) (480-192511-5), SOH-SB-20 (12-13) (480-192511-6) and SOH-SB-20 (17-18) (480-192511-7).

Method 8260C: The continuing calibration verification (CCVIS) associated with batch 480-605649 recovered outside acceptance criteria, low biased, for Trichlorofluoromethane. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported. The associated samples are: TRIP BLANK (480-192428-6) and Trip Blank (480-192456-1).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-605978 recovered above the upper control limit for Carbon tetrachloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SOH-SB-09(28-29) (480-192393-7), SOH-SB-09(22-23) (480-192393-8), SOH-SB-10 (21-22) (480-192428-2) and SOH-SB-24 (23-24) (480-192456-2).

Method 8260C: The laboratory control sample (LCS) for preparation batch 480-605962 and analytical batch 480-605978 recovered outside control limits for the following analyte: Vinyl chloride. This analyte was biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated samples are impacted: SOH-SB-09(28-29) (480-192393-7), SOH-SB-09(22-23) (480-192393-8), SOH-SB-10 (21-22) (480-192428-2) and SOH-SB-24 (23-24) (480-192456-2).

Method 8260C: The following samples were analyzed using medium level soil analysis and diluted to bring the concentration of target analytes within the calibration range: SOH-SB-09(28-29) (480-192393-7), SOH-SB-09(22-23) (480-192393-8), SOH-SB-10 (21-22) (480-192428-2) and SOH-SB-24 (23-24) (480-192456-2). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-606107 recovered outside acceptance criteria, low biased, for Vinyl chloride, Dichlorodifluoromethane and Trichlorofluoromethane. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported. The associated sample is impacted: SOH-SB-EB-2 (480-192456-3).

Method 8260C: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for analytical batch 480-606107 recovered outside control limits for the following analyte(s): Dichlorodifluoromethane. Dichlorodifluoromethane has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. The associated sample is impacted: SOH-SB-EB-2 (480-192456-3).

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

General Chemistry

Method Lloyd Kahn: The initial calibration verification (ICV) result for batch 200-174243 was unable to be exported due to instrument error. All samples will be reran to ensure the validity of their results. SOH-SB-19 (4-5) (480-192511-2), SOH-SB-19 (5-6) (480-192511-3), SOH-SB-19 (14-15) (480-192511-4), SOH-SB-20 (4-5) (480-192511-5), SOH-SB-20 (12-13) (480-192511-6) and SOH-SB-20 (17-18) (480-192511-7)

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

Client Sample ID: SOH-SB-02 (4-5)
Lab Sample ID: 480-192071-1
Date Collected: 11/08/21 11:20
Matrix: Solid
Date Received: 11/09/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**4010**		1000	815	mg/Kg			11/22/21 18:01	1

Client Sample ID: SOH-SB-02 (4-5)
Lab Sample ID: 480-192071-1
Date Collected: 11/08/21 11:20
Matrix: Solid
Date Received: 11/09/21 10:00
Percent Solids: 88.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**0.52**	**J**	3.9	0.29	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
1,1,2,2-Tetrachloroethane	ND		3.9	0.64	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.9	0.90	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
1,1,2-Trichloroethane	ND		3.9	0.51	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
1,1-Dichloroethane	**2.2**	**J**	3.9	0.48	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
1,1-Dichloroethene	ND		3.9	0.48	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
1,2,4-Trichlorobenzene	ND		3.9	0.24	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
1,2-Dibromo-3-Chloropropane	ND		3.9	2.0	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
1,2-Dichlorobenzene	ND		3.9	0.31	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
1,2-Dichloroethane	ND		3.9	0.20	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
1,2-Dichloropropane	ND		3.9	2.0	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
1,3-Dichlorobenzene	ND		3.9	0.20	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
1,4-Dichlorobenzene	ND		3.9	0.55	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
2-Butanone (MEK)	ND		20	1.4	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
2-Hexanone	ND		20	2.0	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
4-Methyl-2-pentanone (MIBK)	ND		20	1.3	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
Acetone	ND		20	3.3	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
Benzene	ND		3.9	0.19	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
Bromoform	ND		3.9	2.0	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
Bromomethane	ND		3.9	0.35	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
Carbon disulfide	ND		3.9	2.0	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
Carbon tetrachloride	ND		3.9	0.38	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
Chlorobenzene	ND		3.9	0.52	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
Dibromochloromethane	ND		3.9	0.50	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
Chloroethane	ND		3.9	0.89	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
Chloroform	ND		3.9	0.24	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
Chloromethane	ND		3.9	0.24	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
cis-1,2-Dichloroethene	**5.8**		3.9	0.50	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
Cyclohexane	ND		3.9	0.55	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
Bromodichloromethane	ND		3.9	0.53	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
Dichlorodifluoromethane	ND		3.9	0.32	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
Ethylbenzene	ND		3.9	0.27	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
1,2-Dibromoethane	ND		3.9	0.50	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
Isopropylbenzene	ND		3.9	0.59	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
Methyl acetate	ND		20	2.4	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
Methyl tert-butyl ether	ND		3.9	0.39	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
Methylcyclohexane	ND		3.9	0.60	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
Methylene Chloride	ND		3.9	1.8	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
Tetrachloroethene	**1.6**	**J**	3.9	0.53	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
Toluene	ND		3.9	0.30	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
trans-1,2-Dichloroethene	ND		3.9	0.41	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
trans-1,3-Dichloropropene	ND		3.9	1.7	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1

Client Sample ID: SOH-SB-02 (4-5)
Lab Sample ID: 480-192071-1
Date Collected: 11/08/21 11:20
Matrix: Solid
Date Received: 11/09/21 10:00
Percent Solids: 88.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**6.2**		3.9	0.86	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
Trichlorofluoromethane	ND		3.9	0.37	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
Vinyl chloride	ND		3.9	0.48	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
Xylenes, Total	ND		7.9	0.66	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
cis-1,3-Dichloropropene	ND		3.9	0.57	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1
Styrene	ND		3.9	0.20	ug/Kg	☼	11/09/21 16:00	11/09/21 22:19	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*11/09/21 16:00*	*11/09/21 22:19*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*64 - 126*	*11/09/21 16:00*	*11/09/21 22:19*	*1*
4-Bromofluorobenzene (Surr)	*88*		*72 - 126*	*11/09/21 16:00*	*11/09/21 22:19*	*1*
Toluene-d8 (Surr)	*99*		*71 - 125*	*11/09/21 16:00*	*11/09/21 22:19*	*1*
Dibromofluoromethane (Surr)	*100*		*60 - 140*	*11/09/21 16:00*	*11/09/21 22:19*	*1*

Client Sample ID: SOH-SB-02 (16-17)
Lab Sample ID: 480-192071-2
Date Collected: 11/08/21 11:55
Matrix: Solid
Date Received: 11/09/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**860**	**J**	1000	815	mg/Kg			11/22/21 18:05	1

Client Sample ID: SOH-SB-02 (16-17)
Lab Sample ID: 480-192071-2
Date Collected: 11/08/21 11:55
Matrix: Solid
Date Received: 11/09/21 10:00
Percent Solids: 89.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**1.3**	**J**	3.8	0.28	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
1,1,2,2-Tetrachloroethane	ND		3.8	0.62	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.8	0.88	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
1,1,2-Trichloroethane	ND		3.8	0.50	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
1,1-Dichloroethane	**580**	**E**	3.8	0.47	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
1,1-Dichloroethene	**14**		3.8	0.47	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
1,2,4-Trichlorobenzene	ND		3.8	0.23	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
1,2-Dibromo-3-Chloropropane	ND		3.8	1.9	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
1,2-Dichlorobenzene	ND		3.8	0.30	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
1,2-Dichloroethane	**0.81**	**J**	3.8	0.19	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
1,2-Dichloropropane	ND		3.8	1.9	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
1,3-Dichlorobenzene	ND		3.8	0.20	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
1,4-Dichlorobenzene	ND		3.8	0.54	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
2-Butanone (MEK)	ND		19	1.4	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
2-Hexanone	ND		19	1.9	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
4-Methyl-2-pentanone (MIBK)	ND		19	1.3	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
Acetone	**7.8**	**J**	19	3.2	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
Benzene	ND		3.8	0.19	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
Bromoform	ND		3.8	1.9	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
Bromomethane	ND		3.8	0.35	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
Carbon disulfide	ND		3.8	1.9	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1

Client Sample ID: SOH-SB-02 (16-17)
Date Collected: 11/08/21 11:55
Date Received: 11/09/21 10:00

Lab Sample ID: 480-192071-2
Matrix: Solid
Percent Solids: 89.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		3.8	0.37	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
Chlorobenzene	ND		3.8	0.51	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
Dibromochloromethane	ND		3.8	0.49	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
Chloroethane	**1.5**	**J**	3.8	0.87	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
Chloroform	ND		3.8	0.24	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
Chloromethane	ND		3.8	0.23	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
cis-1,2-Dichloroethene	**21**		3.8	0.49	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
Cyclohexane	ND		3.8	0.54	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
Bromodichloromethane	ND		3.8	0.51	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
Dichlorodifluoromethane	ND		3.8	0.32	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
Ethylbenzene	ND		3.8	0.27	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
1,2-Dibromoethane	ND		3.8	0.49	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
Isopropylbenzene	ND		3.8	0.58	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
Methyl acetate	ND		19	2.3	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
Methyl tert-butyl ether	ND		3.8	0.38	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
Methylcyclohexane	ND		3.8	0.58	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
Methylene Chloride	ND		3.8	1.8	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
Tetrachloroethene	ND		3.8	0.52	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
Toluene	ND		3.8	0.29	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
trans-1,2-Dichloroethene	ND		3.8	0.40	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
trans-1,3-Dichloropropene	ND		3.8	1.7	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
Trichloroethene	ND		3.8	0.85	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
Trichlorofluoromethane	ND		3.8	0.36	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
Vinyl chloride	**0.79**	**J**	3.8	0.47	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
Xylenes, Total	ND		7.7	0.65	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
cis-1,3-Dichloropropene	ND		3.8	0.55	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1
Styrene	ND		3.8	0.19	ug/Kg	☼	11/09/21 16:00	11/09/21 22:44	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*11/09/21 16:00*	*11/09/21 22:44*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 126*	*11/09/21 16:00*	*11/09/21 22:44*	*1*
4-Bromofluorobenzene (Surr)	*91*		*72 - 126*	*11/09/21 16:00*	*11/09/21 22:44*	*1*
Toluene-d8 (Surr)	*98*		*71 - 125*	*11/09/21 16:00*	*11/09/21 22:44*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*	*11/09/21 16:00*	*11/09/21 22:44*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		430	120	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
1,1,2,2-Tetrachloroethane	ND		430	70	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		430	220	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
1,1,2-Trichloroethane	ND		430	91	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
1,1-Dichloroethane	**840**		430	130	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
1,1-Dichloroethene	ND		430	150	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
1,2,4-Trichlorobenzene	ND		430	160	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
1,2-Dibromo-3-Chloropropane	ND		430	220	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
1,2-Dichlorobenzene	ND		430	110	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
1,2-Dichloroethane	ND		430	180	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
1,2-Dichloropropane	ND		430	70	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10

Client Sample ID: SOH-SB-02 (16-17)
Date Collected: 11/08/21 11:55
Date Received: 11/09/21 10:00

Lab Sample ID: 480-192071-2
Matrix: Solid
Percent Solids: 89.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		430	120	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
1,4-Dichlorobenzene	ND		430	60	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
2-Butanone (MEK)	ND		2200	1300	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
2-Hexanone	ND		2200	880	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
4-Methyl-2-pentanone (MIBK)	ND		2200	140	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
Acetone	ND		2200	1800	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
Benzene	ND		430	82	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
Bromoform	ND		430	220	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
Bromomethane	ND		430	95	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
Carbon disulfide	ND		430	200	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
Carbon tetrachloride	ND		430	110	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
Chlorobenzene	ND		430	57	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
Dibromochloromethane	ND		430	210	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
Chloroethane	ND		430	90	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
Chloroform	ND		430	300	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
Chloromethane	ND		430	100	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
cis-1,2-Dichloroethene	ND		430	120	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
Cyclohexane	ND		430	96	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
Bromodichloromethane	ND		430	86	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
Dichlorodifluoromethane	ND		430	190	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
Ethylbenzene	ND		430	130	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
1,2-Dibromoethane	ND		430	76	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
Isopropylbenzene	ND		430	65	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
Methyl acetate	ND		2200	210	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
Methyl tert-butyl ether	ND		430	160	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
Methylcyclohexane	ND		430	200	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
Methylene Chloride	ND		430	85	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
Tetrachloroethene	ND		430	58	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
Toluene	ND		430	120	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
trans-1,2-Dichloroethene	ND		430	100	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
trans-1,3-Dichloropropene	ND		430	42	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
Trichloroethene	ND		430	120	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
Trichlorofluoromethane	ND		430	200	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
Vinyl chloride	ND		430	140	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
Xylenes, Total	ND		860	240	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
cis-1,3-Dichloropropene	ND		430	100	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10
Styrene	ND	*+	430	100	ug/Kg	☼	11/11/21 15:15	11/13/21 13:40	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
column bleed	*2800*	*T J*	*ug/Kg*	☼	*9.38*		*11/11/21 15:15*	*11/13/21 13:40*	*10*
D-Limonene	*2600*	*T J N*	*ug/Kg*	☼	*10.27*	*5989-27-5*	*11/11/21 15:15*	*11/13/21 13:40*	*10*
Unknown	*2400*	*T J*	*ug/Kg*	☼	*10.80*		*11/11/21 15:15*	*11/13/21 13:40*	*10*
Unknown	*2600*	*T J*	*ug/Kg*	☼	*11.48*		*11/11/21 15:15*	*11/13/21 13:40*	*10*
Dodecane	*2700*	*T J N*	*ug/Kg*	☼	*11.78*	*112-40-3*	*11/11/21 15:15*	*11/13/21 13:40*	*10*
Tridecane	*2600*	*T J N*	*ug/Kg*	☼	*12.62*	*629-50-5*	*11/11/21 15:15*	*11/13/21 13:40*	*10*
Tetradecane	*2100*	*T J N*	*ug/Kg*	☼	*13.38*	*629-59-4*	*11/11/21 15:15*	*11/13/21 13:40*	*10*
Unknown	*1500*	*T J*	*ug/Kg*	☼	*13.81*		*11/11/21 15:15*	*11/13/21 13:40*	*10*
Pentadecane	*1500*	*T J N*	*ug/Kg*	☼	*14.06*	*629-62-9*	*11/11/21 15:15*	*11/13/21 13:40*	*10*
Hexadecane	*1700*	*T J N*	*ug/Kg*	☼	*14.73*	*544-76-3*	*11/11/21 15:15*	*11/13/21 13:40*	*10*

Client Sample ID: SOH-SB-02 (16-17)
Lab Sample ID: 480-192071-2

Date Collected: 11/08/21 11:55
Matrix: Solid
Date Received: 11/09/21 10:00
Percent Solids: 89.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*53 - 146*	*11/11/21 15:15*	*11/13/21 13:40*	*10*
4-Bromofluorobenzene (Surr)	*116*		*49 - 148*	*11/11/21 15:15*	*11/13/21 13:40*	*10*
Toluene-d8 (Surr)	*107*		*50 - 149*	*11/11/21 15:15*	*11/13/21 13:40*	*10*
Dibromofluoromethane (Surr)	*104*		*60 - 140*	*11/11/21 15:15*	*11/13/21 13:40*	*10*

Client Sample ID: SOH-SB-02 (36-37)
Lab Sample ID: 480-192071-3

Date Collected: 11/08/21 14:20
Matrix: Solid
Date Received: 11/09/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**33400**		1000	815	mg/Kg			11/22/21 18:09	1

Client Sample ID: SOH-SB-02 (36-37)
Lab Sample ID: 480-192071-3

Date Collected: 11/08/21 14:20
Matrix: Solid
Date Received: 11/09/21 10:00
Percent Solids: 92.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	0.29	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
1,1,2,2-Tetrachloroethane	ND		4.0	0.64	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	0.90	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
1,1,2-Trichloroethane	ND		4.0	0.51	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
1,1-Dichloroethane	**0.65**	**J**	4.0	0.48	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
1,1-Dichloroethene	ND		4.0	0.48	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
1,2,4-Trichlorobenzene	ND		4.0	0.24	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
1,2-Dibromo-3-Chloropropane	ND		4.0	2.0	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
1,2-Dichlorobenzene	ND		4.0	0.31	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
1,2-Dichloroethane	ND		4.0	0.20	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
1,2-Dichloropropane	ND		4.0	2.0	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
1,3-Dichlorobenzene	ND		4.0	0.20	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
1,4-Dichlorobenzene	ND		4.0	0.55	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
2-Butanone (MEK)	ND		20	1.4	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
2-Hexanone	ND		20	2.0	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
4-Methyl-2-pentanone (MIBK)	ND		20	1.3	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
Acetone	**5.7**	**J**	20	3.3	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
Benzene	ND		4.0	0.19	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
Bromoform	ND		4.0	2.0	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
Bromomethane	ND		4.0	0.36	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
Carbon disulfide	ND		4.0	2.0	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
Carbon tetrachloride	ND		4.0	0.38	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
Chlorobenzene	ND		4.0	0.52	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
Dibromochloromethane	ND		4.0	0.51	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
Chloroethane	ND		4.0	0.89	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
Chloroform	ND		4.0	0.24	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
Chloromethane	ND		4.0	0.24	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
cis-1,2-Dichloroethene	ND		4.0	0.51	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
Cyclohexane	ND		4.0	0.55	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
Bromodichloromethane	ND		4.0	0.53	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
Dichlorodifluoromethane	ND		4.0	0.33	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
Ethylbenzene	ND		4.0	0.27	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1

Client Sample ID: SOH-SB-02 (36-37)
Lab Sample ID: 480-192071-3
Date Collected: 11/08/21 14:20
Matrix: Solid
Date Received: 11/09/21 10:00
Percent Solids: 92.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		4.0	0.51	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
Isopropylbenzene	ND		4.0	0.60	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
Methyl acetate	ND		20	2.4	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
Methyl tert-butyl ether	ND		4.0	0.39	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
Methylcyclohexane	ND		4.0	0.60	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
Methylene Chloride	ND		4.0	1.8	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
Tetrachloroethene	ND		4.0	0.53	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
Toluene	ND		4.0	0.30	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
trans-1,2-Dichloroethene	ND		4.0	0.41	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
trans-1,3-Dichloropropene	ND		4.0	1.7	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
Trichloroethene	ND		4.0	0.87	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
Trichlorofluoromethane	ND		4.0	0.37	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
Vinyl chloride	ND		4.0	0.48	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
Xylenes, Total	ND		7.9	0.66	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
cis-1,3-Dichloropropene	ND		4.0	0.57	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1
Styrene	ND		4.0	0.20	ug/Kg	☼	11/09/21 16:00	11/09/21 23:09	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*11/09/21 16:00*	*11/09/21 23:09*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 126*	*11/09/21 16:00*	*11/09/21 23:09*	*1*
4-Bromofluorobenzene (Surr)	*84*		*72 - 126*	*11/09/21 16:00*	*11/09/21 23:09*	*1*
Toluene-d8 (Surr)	*100*		*71 - 125*	*11/09/21 16:00*	*11/09/21 23:09*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*11/09/21 16:00*	*11/09/21 23:09*	*1*

Client Sample ID: SOH-SB-03 (3-4)
Lab Sample ID: 480-192071-4
Date Collected: 11/08/21 14:55
Matrix: Solid
Date Received: 11/09/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**3490**		1000	815	mg/Kg			11/22/21 18:13	1

Client Sample ID: SOH-SB-03 (3-4)
Lab Sample ID: 480-192071-4
Date Collected: 11/08/21 14:55
Matrix: Solid
Date Received: 11/09/21 10:00
Percent Solids: 81.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.4	0.32	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
1,1,2,2-Tetrachloroethane	ND		4.4	0.71	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.4	1.0	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
1,1,2-Trichloroethane	ND		4.4	0.57	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
1,1-Dichloroethane	ND		4.4	0.54	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
1,1-Dichloroethene	ND		4.4	0.54	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
1,2,4-Trichlorobenzene	ND		4.4	0.27	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
1,2-Dibromo-3-Chloropropane	ND		4.4	2.2	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
1,2-Dichlorobenzene	ND		4.4	0.34	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
1,2-Dichloroethane	ND		4.4	0.22	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
1,2-Dichloropropane	ND		4.4	2.2	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1

Client Sample ID: SOH-SB-03 (3-4)
Date Collected: 11/08/21 14:55
Date Received: 11/09/21 10:00

Lab Sample ID: 480-192071-4
Matrix: Solid
Percent Solids: 81.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		4.4	0.23	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
1,4-Dichlorobenzene	ND		4.4	0.62	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
2-Butanone (MEK)	ND		22	1.6	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
2-Hexanone	ND		22	2.2	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
4-Methyl-2-pentanone (MIBK)	ND		22	1.4	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
Acetone	ND		22	3.7	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
Benzene	ND		4.4	0.22	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
Bromoform	ND		4.4	2.2	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
Bromomethane	ND		4.4	0.40	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
Carbon disulfide	ND		4.4	2.2	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
Carbon tetrachloride	ND		4.4	0.43	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
Chlorobenzene	ND		4.4	0.58	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
Dibromochloromethane	ND		4.4	0.56	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
Chloroethane	ND		4.4	0.99	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
Chloroform	ND		4.4	0.27	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
Chloromethane	ND		4.4	0.27	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
cis-1,2-Dichloroethene	ND		4.4	0.56	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
Cyclohexane	ND		4.4	0.62	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
Bromodichloromethane	ND		4.4	0.59	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
Dichlorodifluoromethane	ND		4.4	0.36	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
Ethylbenzene	ND		4.4	0.30	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
1,2-Dibromoethane	ND		4.4	0.56	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
Isopropylbenzene	ND		4.4	0.66	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
Methyl acetate	ND		22	2.7	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
Methyl tert-butyl ether	ND		4.4	0.43	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
Methylcyclohexane	ND		4.4	0.67	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
Methylene Chloride	ND		4.4	2.0	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
Tetrachloroethene	ND		4.4	0.59	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
Toluene	ND		4.4	0.33	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
trans-1,2-Dichloroethene	ND		4.4	0.45	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
trans-1,3-Dichloropropene	ND		4.4	1.9	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
Trichloroethene	ND		4.4	0.97	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
Trichlorofluoromethane	ND		4.4	0.42	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
Vinyl chloride	ND		4.4	0.54	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
Xylenes, Total	ND		8.8	0.74	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
cis-1,3-Dichloropropene	ND		4.4	0.63	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1
Styrene	ND		4.4	0.22	ug/Kg	☼	11/09/21 16:00	11/09/21 23:33	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*11/09/21 16:00*	*11/09/21 23:33*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*64 - 126*	*11/09/21 16:00*	*11/09/21 23:33*	*1*
4-Bromofluorobenzene (Surr)	*89*		*72 - 126*	*11/09/21 16:00*	*11/09/21 23:33*	*1*
Toluene-d8 (Surr)	*95*		*71 - 125*	*11/09/21 16:00*	*11/09/21 23:33*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*	*11/09/21 16:00*	*11/09/21 23:33*	*1*

Client Sample ID: SOH-SB-03 (3-14)
Lab Sample ID: 480-192071-5
Date Collected: 11/08/21 15:15
Matrix: Solid
Date Received: 11/09/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**1860**		1000	815	mg/Kg			11/22/21 18:18	1

Client Sample ID: SOH-SB-03 (3-14)
Lab Sample ID: 480-192071-5
Date Collected: 11/08/21 15:15
Matrix: Solid
Date Received: 11/09/21 10:00
Percent Solids: 88.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.6	0.26	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
1,1,2,2-Tetrachloroethane	ND		3.6	0.58	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.6	0.81	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
1,1,2-Trichloroethane	ND		3.6	0.46	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
1,1-Dichloroethane	**1000**	**E**	3.6	0.43	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
1,1-Dichloroethene	**70**		3.6	0.44	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
1,2,4-Trichlorobenzene	ND		3.6	0.22	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
1,2-Dibromo-3-Chloropropane	ND		3.6	1.8	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
1,2-Dichlorobenzene	ND		3.6	0.28	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
1,2-Dichloroethane	**1.3**	**J**	3.6	0.18	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
1,2-Dichloropropane	ND		3.6	1.8	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
1,3-Dichlorobenzene	ND		3.6	0.18	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
1,4-Dichlorobenzene	ND		3.6	0.50	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
2-Butanone (MEK)	ND		18	1.3	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
2-Hexanone	ND		18	1.8	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
4-Methyl-2-pentanone (MIBK)	ND		18	1.2	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
Acetone	**8.7**	**J**	18	3.0	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
Benzene	ND		3.6	0.17	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
Bromoform	ND		3.6	1.8	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
Bromomethane	ND		3.6	0.32	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
Carbon disulfide	ND		3.6	1.8	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
Carbon tetrachloride	ND		3.6	0.34	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
Chlorobenzene	ND		3.6	0.47	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
Dibromochloromethane	ND		3.6	0.45	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
Chloroethane	ND		3.6	0.80	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
Chloroform	ND		3.6	0.22	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
Chloromethane	ND		3.6	0.21	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
cis-1,2-Dichloroethene	**290**	**E**	3.6	0.45	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
Cyclohexane	ND		3.6	0.50	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
Bromodichloromethane	ND		3.6	0.48	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
Dichlorodifluoromethane	ND		3.6	0.29	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
Ethylbenzene	ND		3.6	0.25	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
1,2-Dibromoethane	ND		3.6	0.46	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
Isopropylbenzene	ND		3.6	0.54	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
Methyl acetate	ND		18	2.1	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
Methyl tert-butyl ether	ND		3.6	0.35	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
Methylcyclohexane	ND		3.6	0.54	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
Methylene Chloride	ND		3.6	1.6	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
Tetrachloroethene	ND		3.6	0.48	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
Toluene	ND		3.6	0.27	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
trans-1,2-Dichloroethene	**2.5**	**J**	3.6	0.37	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
trans-1,3-Dichloropropene	ND		3.6	1.6	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1

Client Sample ID: SOH-SB-03 (3-14)
Date Collected: 11/08/21 15:15
Date Received: 11/09/21 10:00

Lab Sample ID: 480-192071-5
Matrix: Solid
Percent Solids: 88.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		3.6	0.78	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
Trichlorofluoromethane	ND		3.6	0.34	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
Vinyl chloride	**49**		3.6	0.43	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
Xylenes, Total	ND		7.1	0.60	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
cis-1,3-Dichloropropene	ND		3.6	0.51	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1
Styrene	ND		3.6	0.18	ug/Kg	☼	11/09/21 16:00	11/09/21 23:58	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*11/09/21 16:00*	*11/09/21 23:58*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*64 - 126*	*11/09/21 16:00*	*11/09/21 23:58*	*1*
4-Bromofluorobenzene (Surr)	*88*		*72 - 126*	*11/09/21 16:00*	*11/09/21 23:58*	*1*
Toluene-d8 (Surr)	*98*		*71 - 125*	*11/09/21 16:00*	*11/09/21 23:58*	*1*
Dibromofluoromethane (Surr)	*105*		*60 - 140*	*11/09/21 16:00*	*11/09/21 23:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		350	98	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
1,1,2,2-Tetrachloroethane	ND		350	57	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		350	180	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
1,1,2-Trichloroethane	ND		350	74	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
1,1-Dichloroethane	**2600**		350	110	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
1,1-Dichloroethene	**200**	**J**	350	120	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
1,2,4-Trichlorobenzene	ND		350	130	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
1,2-Dibromo-3-Chloropropane	ND		350	180	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
1,2-Dichlorobenzene	ND		350	90	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
1,2-Dichloroethane	ND		350	140	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
1,2-Dichloropropane	ND		350	57	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
1,3-Dichlorobenzene	ND		350	94	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
1,4-Dichlorobenzene	ND		350	49	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
2-Butanone (MEK)	ND		1800	1000	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
2-Hexanone	ND		1800	720	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
4-Methyl-2-pentanone (MIBK)	ND		1800	110	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
Acetone	ND		1800	1500	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
Benzene	ND		350	67	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
Bromoform	ND		350	180	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
Bromomethane	ND		350	78	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
Carbon disulfide	ND		350	160	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
Carbon tetrachloride	ND		350	90	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
Chlorobenzene	ND		350	47	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
Dibromochloromethane	ND		350	170	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
Chloroethane	ND		350	73	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
Chloroform	ND		350	240	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
Chloromethane	ND		350	84	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
cis-1,2-Dichloroethene	**750**		350	97	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
Cyclohexane	ND		350	78	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
Bromodichloromethane	ND		350	71	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
Dichlorodifluoromethane	ND		350	150	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
Ethylbenzene	ND		350	100	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8

Client Sample ID: SOH-SB-03 (3-14)
Lab Sample ID: 480-192071-5

Date Collected: 11/08/21 15:15
Matrix: Solid
Date Received: 11/09/21 10:00
Percent Solids: 88.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		350	62	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
Isopropylbenzene	ND		350	53	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
Methyl acetate	ND		1800	170	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
Methyl tert-butyl ether	ND		350	130	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
Methylcyclohexane	ND		350	170	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
Methylene Chloride	ND		350	70	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
Tetrachloroethene	ND		350	47	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
Toluene	ND		350	95	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
trans-1,2-Dichloroethene	ND		350	83	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
trans-1,3-Dichloropropene	ND		350	35	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
Trichloroethene	ND		350	98	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
Trichlorofluoromethane	ND		350	170	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
Vinyl chloride	ND		350	120	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
Xylenes, Total	ND		710	200	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
cis-1,3-Dichloropropene	ND		350	84	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8
Styrene	ND	*+	350	85	ug/Kg	☼	11/11/21 15:15	11/13/21 14:03	8

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
column bleed	*4100*	*T J*	*ug/Kg*	☼	*9.38*		*11/11/21 15:15*	*11/13/21 14:03*	*8*
Unknown	*1100*	*T J*	*ug/Kg*	☼	*11.48*		*11/11/21 15:15*	*11/13/21 14:03*	*8*
Dodecane	*1400*	*T J N*	*ug/Kg*	☼	*11.78*	*112-40-3*	*11/11/21 15:15*	*11/13/21 14:03*	*8*
Unknown	*1200*	*T J*	*ug/Kg*	☼	*12.40*		*11/11/21 15:15*	*11/13/21 14:03*	*8*
Unknown	*1300*	*T J*	*ug/Kg*	☼	*12.62*		*11/11/21 15:15*	*11/13/21 14:03*	*8*
Unknown	*890*	*T J*	*ug/Kg*	☼	*13.22*		*11/11/21 15:15*	*11/13/21 14:03*	*8*
Tetradecane	*1300*	*T J N*	*ug/Kg*	☼	*13.38*	*629-59-4*	*11/11/21 15:15*	*11/13/21 14:03*	*8*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*53 - 146*	*11/11/21 15:15*	*11/13/21 14:03*	*8*
4-Bromofluorobenzene (Surr)	*111*		*49 - 148*	*11/11/21 15:15*	*11/13/21 14:03*	*8*
Toluene-d8 (Surr)	*104*		*50 - 149*	*11/11/21 15:15*	*11/13/21 14:03*	*8*
Dibromofluoromethane (Surr)	*103*		*60 - 140*	*11/11/21 15:15*	*11/13/21 14:03*	*8*

Client Sample ID: SOH-SB-03 (33-34)
Lab Sample ID: 480-192071-6

Date Collected: 11/08/21 16:55
Matrix: Solid
Date Received: 11/09/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1000	815	mg/Kg			11/22/21 18:22	1

Client Sample ID: SOH-SB-03 (33-34)
Lab Sample ID: 480-192071-6

Date Collected: 11/08/21 16:55
Matrix: Solid
Date Received: 11/09/21 10:00
Percent Solids: 85.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.4	0.32	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
1,1,2,2-Tetrachloroethane	ND	F1	4.4	0.72	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.4	1.0	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
1,1,2-Trichloroethane	ND		4.4	0.58	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
1,1-Dichloroethane	**79**	**F1**	4.4	0.54	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1

Client Sample ID: SOH-SB-03 (33-34)
Date Collected: 11/08/21 16:55
Date Received: 11/09/21 10:00

Lab Sample ID: 480-192071-6
Matrix: Solid
Percent Solids: 85.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**2.5**	**J**	4.4	0.54	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
1,2,4-Trichlorobenzene	ND		4.4	0.27	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
1,2-Dibromo-3-Chloropropane	ND	F1	4.4	2.2	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
1,2-Dichlorobenzene	ND		4.4	0.35	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
1,2-Dichloroethane	**0.38**	**J**	4.4	0.22	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
1,2-Dichloropropane	ND		4.4	2.2	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
1,3-Dichlorobenzene	ND		4.4	0.23	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
1,4-Dichlorobenzene	ND		4.4	0.62	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
2-Butanone (MEK)	ND	F1	22	1.6	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
2-Hexanone	ND		22	2.2	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
4-Methyl-2-pentanone (MIBK)	ND		22	1.5	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
Acetone	**6.7**	**J**	22	3.7	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
Benzene	ND		4.4	0.22	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
Bromoform	ND		4.4	2.2	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
Bromomethane	ND		4.4	0.40	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
Carbon disulfide	ND		4.4	2.2	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
Carbon tetrachloride	ND		4.4	0.43	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
Chlorobenzene	ND		4.4	0.59	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
Dibromochloromethane	ND		4.4	0.57	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
Chloroethane	ND		4.4	1.0	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
Chloroform	ND		4.4	0.27	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
Chloromethane	ND		4.4	0.27	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
cis-1,2-Dichloroethene	**15**		4.4	0.57	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
Cyclohexane	ND		4.4	0.62	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
Bromodichloromethane	ND		4.4	0.60	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
Dichlorodifluoromethane	ND		4.4	0.37	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
Ethylbenzene	ND		4.4	0.31	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
1,2-Dibromoethane	ND		4.4	0.57	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
Isopropylbenzene	ND		4.4	0.67	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
Methyl acetate	ND		22	2.7	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
Methyl tert-butyl ether	ND		4.4	0.44	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
Methylcyclohexane	ND		4.4	0.68	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
Methylene Chloride	ND		4.4	2.0	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
Tetrachloroethene	ND		4.4	0.60	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
Toluene	ND		4.4	0.34	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
trans-1,2-Dichloroethene	ND		4.4	0.46	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
trans-1,3-Dichloropropene	ND		4.4	2.0	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
Trichloroethene	ND		4.4	0.98	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
Trichlorofluoromethane	ND		4.4	0.42	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
Vinyl chloride	**1.6**	**J**	4.4	0.54	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
Xylenes, Total	ND		8.9	0.75	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
cis-1,3-Dichloropropene	ND		4.4	0.64	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1
Styrene	ND		4.4	0.22	ug/Kg	☼	11/09/21 16:00	11/10/21 20:44	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*11/09/21 16:00*	*11/10/21 20:44*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 126*	*11/09/21 16:00*	*11/10/21 20:44*	*1*
4-Bromofluorobenzene (Surr)	*91*		*72 - 126*	*11/09/21 16:00*	*11/10/21 20:44*	*1*

Client Sample ID: SOH-SB-03 (33-34) — Lab Sample ID: 480-192071-6

Date Collected: 11/08/21 16:55 — **Matrix: Solid**
Date Received: 11/09/21 10:00 — **Percent Solids: 85.8**

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*98*		*71 - 125*	*11/09/21 16:00*	*11/10/21 20:44*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*11/09/21 16:00*	*11/10/21 20:44*	*1*

Client Sample ID: SOH-SB-23 (15-16) — Lab Sample ID: 480-192264-1

Date Collected: 11/09/21 08:45 — **Matrix: Solid**
Date Received: 11/11/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**4020**		1000	815	mg/Kg			11/22/21 18:34	1

Client Sample ID: SOH-SB-23 (15-16) — Lab Sample ID: 480-192264-1

Date Collected: 11/09/21 08:45 — **Matrix: Solid**
Date Received: 11/11/21 10:00 — **Percent Solids: 91.1**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**1.4**	**J H H3**	3.6	0.26	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
1,1,2,2-Tetrachloroethane	ND	H H3	3.6	0.59	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	3.6	0.83	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
1,1,2-Trichloroethane	ND	H H3	3.6	0.47	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
1,1-Dichloroethane	**280**	**E H H3**	3.6	0.44	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
1,1-Dichloroethene	**27**	**H H3**	3.6	0.45	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
1,2,4-Trichlorobenzene	ND	H H3	3.6	0.22	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
1,2-Dibromo-3-Chloropropane	ND	H H3	3.6	1.8	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
1,2-Dichlorobenzene	ND	H H3	3.6	0.28	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
1,2-Dichloroethane	**3.3**	**J H H3**	3.6	0.18	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
1,2-Dichloropropane	ND	H H3	3.6	1.8	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
1,3-Dichlorobenzene	ND	H H3	3.6	0.19	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
1,4-Dichlorobenzene	ND	H H3	3.6	0.51	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
2-Butanone (MEK)	ND	H H3	18	1.3	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
2-Hexanone	ND	H H3	18	1.8	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
4-Methyl-2-pentanone (MIBK)	ND	H H3	18	1.2	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
Acetone	**10**	**J H H3**	18	3.1	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
Benzene	ND	H H3	3.6	0.18	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
Bromoform	ND	H H3	3.6	1.8	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
Bromomethane	ND	H H3	3.6	0.33	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
Carbon disulfide	**2.4**	**J H H3**	3.6	1.8	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
Carbon tetrachloride	ND	H H3	3.6	0.35	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
Chlorobenzene	ND	H H3	3.6	0.48	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
Dibromochloromethane	ND	H H3	3.6	0.47	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
Chloroethane	**3.6**	**H H3**	3.6	0.82	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
Chloroform	ND	H H3	3.6	0.22	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
Chloromethane	ND	H H3	3.6	0.22	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
cis-1,2-Dichloroethene	**800**	**E H H3**	3.6	0.47	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
Cyclohexane	ND	H H3	3.6	0.51	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
Bromodichloromethane	ND	H H3	3.6	0.49	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
Dichlorodifluoromethane	ND	H H3	3.6	0.30	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
Ethylbenzene	ND	H H3	3.6	0.25	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
1,2-Dibromoethane	ND	H H3	3.6	0.47	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1

Client Sample ID: SOH-SB-23 (15-16)
Lab Sample ID: 480-192264-1

Date Collected: 11/09/21 08:45
Matrix: Solid

Date Received: 11/11/21 10:00
Percent Solids: 91.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND	H H3	3.6	0.55	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
Methyl acetate	ND	H H3	18	2.2	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
Methyl tert-butyl ether	ND	H H3	3.6	0.36	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
Methylcyclohexane	ND	H H3	3.6	0.55	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
Methylene Chloride	ND	H H3	3.6	1.7	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
Tetrachloroethene	ND	H H3	3.6	0.49	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
Toluene	ND	H H3	3.6	0.28	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
trans-1,2-Dichloroethene	**3.6**	**H H3**	3.6	0.38	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
trans-1,3-Dichloropropene	ND	H H3	3.6	1.6	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
Trichloroethene	ND	H H3	3.6	0.80	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
Trichlorofluoromethane	ND	H H3	3.6	0.34	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
Vinyl chloride	**59**	**H H3**	3.6	0.44	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
Xylenes, Total	ND	H H3	7.3	0.61	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
cis-1,3-Dichloropropene	ND	H H3	3.6	0.52	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1
Styrene	ND	H H3	3.6	0.18	ug/Kg	☼	11/12/21 11:00	11/15/21 00:05	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*	*H H3*	*ug/Kg*	☼			*11/12/21 11:00*	*11/15/21 00:05*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*64 - 126*	*11/12/21 11:00*	*11/15/21 00:05*	*1*
4-Bromofluorobenzene (Surr)	*89*		*72 - 126*	*11/12/21 11:00*	*11/15/21 00:05*	*1*
Toluene-d8 (Surr)	*93*		*71 - 125*	*11/12/21 11:00*	*11/15/21 00:05*	*1*
Dibromofluoromethane (Surr)	*105*		*60 - 140*	*11/12/21 11:00*	*11/15/21 00:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**12**	**J**	45	12	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
1,1,2,2-Tetrachloroethane	ND		45	7.3	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		45	23	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
1,1,2-Trichloroethane	ND		45	9.5	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
1,1-Dichloroethane	**760**		45	14	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
1,1-Dichloroethene	**71**		45	16	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
1,2,4-Trichlorobenzene	ND		45	17	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
1,2-Dibromo-3-Chloropropane	ND		45	23	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
1,2-Dichlorobenzene	ND		45	11	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
1,2-Dichloroethane	ND		45	18	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
1,2-Dichloropropane	ND		45	7.3	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
1,3-Dichlorobenzene	ND		45	12	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
1,4-Dichlorobenzene	ND		45	6.3	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
2-Butanone (MEK)	ND		230	130	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
2-Hexanone	ND		230	92	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
4-Methyl-2-pentanone (MIBK)	ND		230	14	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
Acetone	ND		230	190	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
Benzene	ND		45	8.6	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
Bromoform	ND		45	23	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
Bromomethane	ND		45	9.9	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
Carbon disulfide	ND		45	21	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
Carbon tetrachloride	ND		45	11	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
Chlorobenzene	ND		45	5.9	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1

Client Sample ID: SOH-SB-23 (15-16)
Lab Sample ID: 480-192264-1
Date Collected: 11/09/21 08:45
Matrix: Solid
Date Received: 11/11/21 10:00
Percent Solids: 91.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		45	22	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
Chloroethane	ND		45	9.4	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
Chloroform	ND		45	31	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
Chloromethane	ND		45	11	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
cis-1,2-Dichloroethene	**2100**		45	12	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
Cyclohexane	ND		45	10	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
Bromodichloromethane	ND		45	9.0	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
Dichlorodifluoromethane	ND		45	20	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
Ethylbenzene	ND		45	13	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
1,2-Dibromoethane	ND		45	7.9	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
Isopropylbenzene	ND		45	6.8	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
Methyl acetate	ND		230	21	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
Methyl tert-butyl ether	ND		45	17	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
Methylcyclohexane	ND		45	21	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
Methylene Chloride	ND		45	8.9	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
Tetrachloroethene	ND		45	6.1	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
Toluene	ND		45	12	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
trans-1,2-Dichloroethene	ND		45	11	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
trans-1,3-Dichloropropene	ND		45	4.4	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
Trichloroethene	ND		45	13	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
Trichlorofluoromethane	ND		45	21	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
Vinyl chloride	**89**		45	15	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
Xylenes, Total	ND		90	25	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
cis-1,3-Dichloropropene	ND		45	11	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1
Styrene	ND		45	11	ug/Kg	☼	11/15/21 20:50	11/16/21 14:34	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*11/15/21 20:50*	*11/16/21 14:34*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*53 - 146*	*11/15/21 20:50*	*11/16/21 14:34*	*1*
4-Bromofluorobenzene (Surr)	*112*		*49 - 148*	*11/15/21 20:50*	*11/16/21 14:34*	*1*
Toluene-d8 (Surr)	*99*		*50 - 149*	*11/15/21 20:50*	*11/16/21 14:34*	*1*
Dibromofluoromethane (Surr)	*104*		*60 - 140*	*11/15/21 20:50*	*11/16/21 14:34*	*1*

Client Sample ID: SOH-SB-13 (2-3)
Lab Sample ID: 480-192264-2
Date Collected: 11/09/21 09:55
Matrix: Solid
Date Received: 11/11/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**900**	**J**	1000	815	mg/Kg			11/22/21 18:39	1

Client Sample ID: SOH-SB-13 (2-3)
Lab Sample ID: 480-192264-2
Date Collected: 11/09/21 09:55
Matrix: Solid
Date Received: 11/11/21 10:00
Percent Solids: 87.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	H H3	4.2	0.31	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
1,1,2,2-Tetrachloroethane	ND	H H3	4.2	0.69	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1

Client Sample ID: SOH-SB-13 (2-3)
Date Collected: 11/09/21 09:55
Date Received: 11/11/21 10:00

Lab Sample ID: 480-192264-2
Matrix: Solid
Percent Solids: 87.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	4.2	0.96	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
1,1,2-Trichloroethane	ND	H H3	4.2	0.55	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
1,1-Dichloroethane	**4.2**	**H H3**	4.2	0.52	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
1,1-Dichloroethene	ND	H H3	4.2	0.52	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
1,2,4-Trichlorobenzene	ND	H H3	4.2	0.26	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
1,2-Dibromo-3-Chloropropane	ND	H H3	4.2	2.1	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
1,2-Dichlorobenzene	ND	H H3	4.2	0.33	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
1,2-Dichloroethane	ND	H H3	4.2	0.21	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
1,2-Dichloropropane	ND	H H3	4.2	2.1	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
1,3-Dichlorobenzene	ND	H H3	4.2	0.22	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
1,4-Dichlorobenzene	ND	H H3	4.2	0.59	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
2-Butanone (MEK)	ND	H H3	21	1.5	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
2-Hexanone	ND	H H3	21	2.1	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
4-Methyl-2-pentanone (MIBK)	ND	H H3	21	1.4	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
Acetone	**170**	**H H3**	21	3.6	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
Benzene	ND	H H3	4.2	0.21	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
Bromoform	ND	H H3	4.2	2.1	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
Bromomethane	ND	H H3	4.2	0.38	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
Carbon disulfide	ND	H H3	4.2	2.1	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
Carbon tetrachloride	ND	H H3	4.2	0.41	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
Chlorobenzene	ND	H H3	4.2	0.56	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
Dibromochloromethane	ND	H H3	4.2	0.54	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
Chloroethane	ND	H H3	4.2	0.96	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
Chloroform	ND	H H3	4.2	0.26	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
Chloromethane	ND	H H3	4.2	0.26	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
cis-1,2-Dichloroethene	**27**	**H H3**	4.2	0.54	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
Cyclohexane	ND	H H3	4.2	0.59	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
Bromodichloromethane	ND	H H3	4.2	0.57	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
Dichlorodifluoromethane	ND	H H3	4.2	0.35	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
Ethylbenzene	ND	H H3	4.2	0.29	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
1,2-Dibromoethane	ND	H H3	4.2	0.54	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
Isopropylbenzene	ND	H H3	4.2	0.64	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
Methyl acetate	**4.7**	**J H H3**	21	2.6	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
Methyl tert-butyl ether	ND	H H3	4.2	0.42	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
Methylcyclohexane	ND	H H3	4.2	0.64	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
Methylene Chloride	ND	H H3	4.2	1.9	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
Tetrachloroethene	ND	H H3	4.2	0.57	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
Toluene	ND	H H3	4.2	0.32	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
trans-1,2-Dichloroethene	ND	H H3	4.2	0.44	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
trans-1,3-Dichloropropene	ND	H H3	4.2	1.9	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
Trichloroethene	**1.2**	**J H H3**	4.2	0.93	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
Trichlorofluoromethane	ND	H H3	4.2	0.40	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
Vinyl chloride	ND	H H3	4.2	0.52	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
Xylenes, Total	ND	H H3	8.5	0.71	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
cis-1,3-Dichloropropene	ND	H H3	4.2	0.61	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1
Styrene	ND	H H3	4.2	0.21	ug/Kg	☼	11/12/21 11:00	11/15/21 20:25	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
1-Pentene	*8.2*	*T H H3 J N*	*ug/Kg*	☼	*3.68*	*109-67-1*	*11/12/21 11:00*	*11/15/21 20:25*	*1*
column bleed	*15*	*T H H3 J*	*ug/Kg*	☼	*4.44*		*11/12/21 11:00*	*11/15/21 20:25*	*1*

Client Sample ID: SOH-SB-13 (2-3)
Lab Sample ID: 480-192264-2

Date Collected: 11/09/21 09:55
Matrix: Solid
Date Received: 11/11/21 10:00
Percent Solids: 87.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 126*	*11/12/21 11:00*	*11/15/21 20:25*	*1*
4-Bromofluorobenzene (Surr)	*91*		*72 - 126*	*11/12/21 11:00*	*11/15/21 20:25*	*1*
Toluene-d8 (Surr)	*105*		*71 - 125*	*11/12/21 11:00*	*11/15/21 20:25*	*1*
Dibromofluoromethane (Surr)	*99*		*60 - 140*	*11/12/21 11:00*	*11/15/21 20:25*	*1*

Client Sample ID: SOH-SB-13 (31-32)
Lab Sample ID: 480-192264-3

Date Collected: 11/09/21 11:40
Matrix: Solid
Date Received: 11/11/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**940**	**J**	1000	815	mg/Kg			11/22/21 18:51	1

Client Sample ID: SOH-SB-13 (31-32)
Lab Sample ID: 480-192264-3

Date Collected: 11/09/21 11:40
Matrix: Solid
Date Received: 11/11/21 10:00
Percent Solids: 84.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	H	4.4	0.32	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
1,1,2,2-Tetrachloroethane	ND	H	4.4	0.72	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H	4.4	1.0	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
1,1,2-Trichloroethane	ND	H	4.4	0.58	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
1,1-Dichloroethane	**1000**	**E H**	4.4	0.54	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
1,1-Dichloroethene	**100**	**H**	4.4	0.54	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
1,2,4-Trichlorobenzene	ND	H	4.4	0.27	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
1,2-Dibromo-3-Chloropropane	ND	H	4.4	2.2	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
1,2-Dichlorobenzene	ND	H	4.4	0.35	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
1,2-Dichloroethane	**2.4**	**J H**	4.4	0.22	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
1,2-Dichloropropane	ND	H	4.4	2.2	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
1,3-Dichlorobenzene	ND	H	4.4	0.23	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
1,4-Dichlorobenzene	ND	H	4.4	0.62	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
2-Butanone (MEK)	ND	H	22	1.6	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
2-Hexanone	ND	H	22	2.2	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
4-Methyl-2-pentanone (MIBK)	**2.6**	**J H**	22	1.5	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
Acetone	ND	H	22	3.7	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
Benzene	**0.24**	**J H**	4.4	0.22	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
Bromoform	ND	H	4.4	2.2	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
Bromomethane	ND	H	4.4	0.40	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
Carbon disulfide	ND	H	4.4	2.2	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
Carbon tetrachloride	ND	H	4.4	0.43	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
Chlorobenzene	ND	H	4.4	0.59	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
Dibromochloromethane	ND	H	4.4	0.57	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
Chloroethane	**1.8**	**J H**	4.4	1.0	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
Chloroform	ND	H	4.4	0.27	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
Chloromethane	ND	H	4.4	0.27	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
cis-1,2-Dichloroethene	**4100**	**E H**	4.4	0.57	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
Cyclohexane	ND	H	4.4	0.62	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
Bromodichloromethane	ND	H	4.4	0.59	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
Dichlorodifluoromethane	**2.9**	**J H**	4.4	0.37	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
Ethylbenzene	ND	H	4.4	0.31	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1

Client Sample ID: SOH-SB-13 (31-32)
Date Collected: 11/09/21 11:40
Date Received: 11/11/21 10:00

Lab Sample ID: 480-192264-3
Matrix: Solid
Percent Solids: 84.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND	H	4.4	0.57	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
Isopropylbenzene	ND	H	4.4	0.67	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
Methyl acetate	ND	H	22	2.7	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
Methyl tert-butyl ether	ND	H	4.4	0.44	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
Methylcyclohexane	ND	H	4.4	0.67	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
Methylene Chloride	ND	H	4.4	2.0	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
Tetrachloroethene	**71**	**H**	4.4	0.60	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
Toluene	**2.8**	**J H**	4.4	0.34	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
trans-1,2-Dichloroethene	**9.7**	**H**	4.4	0.46	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
trans-1,3-Dichloropropene	ND	H	4.4	2.0	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
Trichloroethene	**1900**	**E H**	4.4	0.98	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
Trichlorofluoromethane	ND	H	4.4	0.42	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
Vinyl chloride	**260**	**E H**	4.4	0.54	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
Xylenes, Total	ND	H	8.9	0.75	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
cis-1,3-Dichloropropene	ND	H	4.4	0.64	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1
Styrene	ND	H	4.4	0.22	ug/Kg	☼	11/12/21 11:00	11/15/21 00:55	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Ethane, 1,2-dichloro-1,1,2-trifluoro-	*6.4*	*T H J N*	*ug/Kg*	☼	*3.04*	*354-23-4*	*11/12/21 11:00*	*11/15/21 00:55*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*64 - 126*	*11/12/21 11:00*	*11/15/21 00:55*	*1*
4-Bromofluorobenzene (Surr)	*85*		*72 - 126*	*11/12/21 11:00*	*11/15/21 00:55*	*1*
Toluene-d8 (Surr)	*98*		*71 - 125*	*11/12/21 11:00*	*11/15/21 00:55*	*1*
Dibromofluoromethane (Surr)	*104*		*60 - 140*	*11/12/21 11:00*	*11/15/21 00:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		400	110	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
1,1,2,2-Tetrachloroethane	ND		400	64	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		400	200	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
1,1,2-Trichloroethane	ND		400	83	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
1,1-Dichloroethane	**2500**		400	120	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
1,1-Dichloroethene	**230**	**J**	400	140	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
1,2,4-Trichlorobenzene	ND		400	150	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
1,2-Dibromo-3-Chloropropane	ND		400	200	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
1,2-Dichlorobenzene	ND		400	100	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
1,2-Dichloroethane	ND		400	160	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
1,2-Dichloropropane	ND		400	64	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
1,3-Dichlorobenzene	ND		400	110	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
1,4-Dichlorobenzene	ND		400	55	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
2-Butanone (MEK)	ND		2000	1200	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
2-Hexanone	ND		2000	810	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
4-Methyl-2-pentanone (MIBK)	ND		2000	130	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
Acetone	ND		2000	1600	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
Benzene	ND		400	75	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
Bromoform	ND		400	200	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
Bromomethane	ND		400	87	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
Carbon disulfide	ND		400	180	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
Carbon tetrachloride	ND		400	100	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5

Client Sample ID: SOH-SB-13 (31-32)
Lab Sample ID: 480-192264-3

Date Collected: 11/09/21 11:40
Matrix: Solid
Date Received: 11/11/21 10:00
Percent Solids: 84.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		400	52	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
Dibromochloromethane	ND		400	190	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
Chloroethane	ND		400	82	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
Chloroform	ND		400	270	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
Chloromethane	ND		400	94	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
cis-1,2-Dichloroethene	**21000**		400	110	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
Cyclohexane	ND		400	88	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
Bromodichloromethane	ND		400	79	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
Dichlorodifluoromethane	ND		400	170	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
Ethylbenzene	ND		400	120	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
1,2-Dibromoethane	ND		400	69	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
Isopropylbenzene	ND		400	59	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
Methyl acetate	ND		2000	190	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
Methyl tert-butyl ether	ND		400	150	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
Methylcyclohexane	ND		400	190	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
Methylene Chloride	ND		400	78	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
Tetrachloroethene	**480**		400	53	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
Toluene	ND		400	110	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
trans-1,2-Dichloroethene	ND		400	94	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
trans-1,3-Dichloropropene	ND		400	39	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
Trichloroethene	**6500**		400	110	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
Trichlorofluoromethane	ND		400	190	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
Vinyl chloride	**380**	**J**	400	130	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
Xylenes, Total	ND		790	220	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
cis-1,3-Dichloropropene	ND		400	95	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5
Styrene	ND		400	96	ug/Kg	☼	11/15/21 20:50	11/16/21 15:21	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
column bleed	*6400*	*T J*	*ug/Kg*	☼	*9.38*		*11/15/21 20:50*	*11/16/21 15:21*	*5*
Unknown	*1600*	*T J*	*ug/Kg*	☼	*11.18*		*11/15/21 20:50*	*11/16/21 15:21*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*53 - 146*	*11/15/21 20:50*	*11/16/21 15:21*	*5*
4-Bromofluorobenzene (Surr)	*114*		*49 - 148*	*11/15/21 20:50*	*11/16/21 15:21*	*5*
Toluene-d8 (Surr)	*104*		*50 - 149*	*11/15/21 20:50*	*11/16/21 15:21*	*5*
Dibromofluoromethane (Surr)	*108*		*60 - 140*	*11/15/21 20:50*	*11/16/21 15:21*	*5*

Client Sample ID: SOH-SB-13 (34-35)
Lab Sample ID: 480-192264-4

Date Collected: 11/09/21 12:05
Matrix: Solid
Date Received: 11/11/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**2470**		1000	815	mg/Kg			11/22/21 18:56	1

Client Sample ID: SOH-SB-13 (34-35)
Date Collected: 11/09/21 12:05
Date Received: 11/11/21 10:00

Lab Sample ID: 480-192264-4
Matrix: Solid
Percent Solids: 85.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	H	3.9	0.28	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
1,1,2,2-Tetrachloroethane	ND	H	3.9	0.63	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H	3.9	0.89	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
1,1,2-Trichloroethane	ND	H	3.9	0.51	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
1,1-Dichloroethane	**730**	**E H**	3.9	0.48	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
1,1-Dichloroethene	**55**	**H**	3.9	0.48	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
1,2,4-Trichlorobenzene	ND	H	3.9	0.24	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
1,2-Dibromo-3-Chloropropane	ND	H	3.9	2.0	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
1,2-Dichlorobenzene	ND	H	3.9	0.31	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
1,2-Dichloroethane	**2.1**	**J H**	3.9	0.20	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
1,2-Dichloropropane	ND	H	3.9	2.0	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
1,3-Dichlorobenzene	ND	H	3.9	0.20	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
1,4-Dichlorobenzene	ND	H	3.9	0.55	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
2-Butanone (MEK)	ND	H	20	1.4	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
2-Hexanone	ND	H	20	2.0	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
4-Methyl-2-pentanone (MIBK)	**2.4**	**J H**	20	1.3	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
Acetone	**4.8**	**J H**	20	3.3	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
Benzene	ND	H	3.9	0.19	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
Bromoform	ND	H	3.9	2.0	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
Bromomethane	ND	H	3.9	0.35	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
Carbon disulfide	ND	H	3.9	2.0	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
Carbon tetrachloride	ND	H	3.9	0.38	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
Chlorobenzene	ND	H	3.9	0.51	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
Dibromochloromethane	ND	H	3.9	0.50	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
Chloroethane	ND	H	3.9	0.88	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
Chloroform	ND	H	3.9	0.24	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
Chloromethane	ND	H	3.9	0.24	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
cis-1,2-Dichloroethene	**2800**	**E H**	3.9	0.50	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
Cyclohexane	ND	H	3.9	0.55	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
Bromodichloromethane	ND	H	3.9	0.52	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
Dichlorodifluoromethane	**0.37**	**J H**	3.9	0.32	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
Ethylbenzene	ND	H	3.9	0.27	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
1,2-Dibromoethane	ND	H	3.9	0.50	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
Isopropylbenzene	ND	H	3.9	0.59	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
Methyl acetate	ND	H	20	2.4	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
Methyl tert-butyl ether	ND	H	3.9	0.38	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
Methylcyclohexane	ND	H	3.9	0.59	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
Methylene Chloride	ND	H	3.9	1.8	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
Tetrachloroethene	ND	H	3.9	0.52	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
Toluene	**0.59**	**J H**	3.9	0.29	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
trans-1,2-Dichloroethene	**3.3**	**J H**	3.9	0.40	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
trans-1,3-Dichloropropene	ND	H	3.9	1.7	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
Trichloroethene	**1700**	**E H**	3.9	0.86	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
Trichlorofluoromethane	ND	H	3.9	0.37	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
Vinyl chloride	**16**	**H**	3.9	0.48	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
Xylenes, Total	ND	H	7.8	0.66	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
cis-1,3-Dichloropropene	ND	H	3.9	0.56	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1
Styrene	ND	H	3.9	0.20	ug/Kg	☼	11/12/21 11:00	11/15/21 01:19	1

Client Sample ID: SOH-SB-13 (34-35)
Date Collected: 11/09/21 12:05
Date Received: 11/11/21 10:00

Lab Sample ID: 480-192264-4
Matrix: Solid
Percent Solids: 85.1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None	H	ug/Kg	☼			11/12/21 11:00	11/15/21 01:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		64 - 126	11/12/21 11:00	11/15/21 01:19	1
4-Bromofluorobenzene (Surr)	87		72 - 126	11/12/21 11:00	11/15/21 01:19	1
Toluene-d8 (Surr)	100		71 - 125	11/12/21 11:00	11/15/21 01:19	1
Dibromofluoromethane (Surr)	104		60 - 140	11/12/21 11:00	11/15/21 01:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		200	55	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
1,1,2,2-Tetrachloroethane	ND		200	33	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		200	100	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
1,1,2-Trichloroethane	ND		200	42	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
1,1-Dichloroethane	**1300**		200	62	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
1,1-Dichloroethene	**130**	**J**	200	69	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
1,2,4-Trichlorobenzene	ND		200	76	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
1,2-Dibromo-3-Chloropropane	ND		200	100	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
1,2-Dichlorobenzene	ND		200	51	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
1,2-Dichloroethane	ND		200	82	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
1,2-Dichloropropane	ND		200	32	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
1,3-Dichlorobenzene	ND		200	53	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
1,4-Dichlorobenzene	ND		200	28	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
2-Butanone (MEK)	ND		1000	590	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
2-Hexanone	ND		1000	410	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
4-Methyl-2-pentanone (MIBK)	ND		1000	64	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
Acetone	ND		1000	820	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
Benzene	ND		200	38	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
Bromoform	ND		200	100	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
Bromomethane	ND		200	44	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
Carbon disulfide	ND		200	91	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
Carbon tetrachloride	ND		200	51	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
Chlorobenzene	ND		200	26	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
Dibromochloromethane	ND		200	97	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
Chloroethane	ND		200	42	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
Chloroform	ND		200	140	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
Chloromethane	ND		200	48	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
cis-1,2-Dichloroethene	**6100**		200	55	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
Cyclohexane	ND		200	44	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
Bromodichloromethane	ND		200	40	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
Dichlorodifluoromethane	ND		200	87	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
Ethylbenzene	ND		200	58	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
1,2-Dibromoethane	ND		200	35	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
Isopropylbenzene	ND		200	30	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
Methyl acetate	ND		1000	95	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
Methyl tert-butyl ether	ND		200	76	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
Methylcyclohexane	ND		200	94	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
Methylene Chloride	ND		200	40	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
Tetrachloroethene	ND		200	27	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
Toluene	ND		200	54	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4

Client Sample ID: SOH-SB-13 (34-35)
Lab Sample ID: 480-192264-4
Date Collected: 11/09/21 12:05
Matrix: Solid
Date Received: 11/11/21 10:00
Percent Solids: 85.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		200	47	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
trans-1,3-Dichloropropene	ND		200	20	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
Trichloroethene	**4200**		200	56	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
Trichlorofluoromethane	ND		200	94	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
Vinyl chloride	ND		200	67	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
Xylenes, Total	ND		400	110	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
cis-1,3-Dichloropropene	ND		200	48	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4
Styrene	ND		200	48	ug/Kg	☼	11/15/21 20:50	11/16/21 15:44	4

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*11/15/21 20:50*	*11/16/21 15:44*	*4*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*53 - 146*	*11/15/21 20:50*	*11/16/21 15:44*	*4*
4-Bromofluorobenzene (Surr)	*115*		*49 - 148*	*11/15/21 20:50*	*11/16/21 15:44*	*4*
Toluene-d8 (Surr)	*103*		*50 - 149*	*11/15/21 20:50*	*11/16/21 15:44*	*4*
Dibromofluoromethane (Surr)	*105*		*60 - 140*	*11/15/21 20:50*	*11/16/21 15:44*	*4*

Client Sample ID: SOH-SB-15 (2-3)
Lab Sample ID: 480-192264-5
Date Collected: 11/09/21 13:25
Matrix: Solid
Date Received: 11/11/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**8570**		1000	815	mg/Kg			11/22/21 19:00	1

Client Sample ID: SOH-SB-15 (2-3)
Lab Sample ID: 480-192264-5
Date Collected: 11/09/21 13:25
Matrix: Solid
Date Received: 11/11/21 10:00
Percent Solids: 94.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	H	4.4	0.32	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
1,1,2,2-Tetrachloroethane	ND	H	4.4	0.71	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H	4.4	0.99	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
1,1,2-Trichloroethane	ND	H	4.4	0.57	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
1,1-Dichloroethane	ND	H	4.4	0.53	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
1,1-Dichloroethene	ND	H	4.4	0.53	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
1,2,4-Trichlorobenzene	ND	H	4.4	0.27	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
1,2-Dibromo-3-Chloropropane	ND	H	4.4	2.2	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
1,2-Dichlorobenzene	ND	H	4.4	0.34	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
1,2-Dichloroethane	ND	H	4.4	0.22	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
1,2-Dichloropropane	ND	H	4.4	2.2	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
1,3-Dichlorobenzene	ND	H	4.4	0.22	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
1,4-Dichlorobenzene	ND	H	4.4	0.61	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
2-Butanone (MEK)	ND	H	22	1.6	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
2-Hexanone	ND	H	22	2.2	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
4-Methyl-2-pentanone (MIBK)	ND	H	22	1.4	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
Acetone	ND	H	22	3.7	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
Benzene	ND	H	4.4	0.21	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
Bromoform	ND	H	4.4	2.2	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1

Client Sample ID: SOH-SB-15 (2-3)
Lab Sample ID: 480-192264-5

Date Collected: 11/09/21 13:25
Matrix: Solid
Date Received: 11/11/21 10:00
Percent Solids: 94.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND	H	4.4	0.39	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
Carbon disulfide	ND	H	4.4	2.2	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
Carbon tetrachloride	ND	H	4.4	0.42	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
Chlorobenzene	ND	H	4.4	0.58	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
Dibromochloromethane	ND	H	4.4	0.56	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
Chloroethane	ND	H	4.4	0.99	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
Chloroform	ND	H	4.4	0.27	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
Chloromethane	ND	H	4.4	0.26	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
cis-1,2-Dichloroethene	**4.0**	**J H**	4.4	0.56	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
Cyclohexane	ND	H	4.4	0.61	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
Bromodichloromethane	ND	H	4.4	0.58	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
Dichlorodifluoromethane	ND	H	4.4	0.36	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
Ethylbenzene	ND	H	4.4	0.30	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
1,2-Dibromoethane	ND	H	4.4	0.56	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
Isopropylbenzene	ND	H	4.4	0.66	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
Methyl acetate	ND	H	22	2.6	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
Methyl tert-butyl ether	ND	H	4.4	0.43	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
Methylcyclohexane	ND	H	4.4	0.66	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
Methylene Chloride	ND	H	4.4	2.0	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
Tetrachloroethene	ND	H	4.4	0.59	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
Toluene	ND	H	4.4	0.33	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
trans-1,2-Dichloroethene	ND	H	4.4	0.45	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
trans-1,3-Dichloropropene	ND	H	4.4	1.9	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
Trichloroethene	**1.5**	**J H**	4.4	0.96	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
Trichlorofluoromethane	ND	H	4.4	0.41	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
Vinyl chloride	ND	H	4.4	0.53	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
Xylenes, Total	ND	H	8.7	0.73	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
cis-1,3-Dichloropropene	ND	H	4.4	0.63	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1
Styrene	ND	H	4.4	0.22	ug/Kg	☼	11/12/21 11:00	11/15/21 01:44	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*	*H*	*ug/Kg*	☼			*11/12/21 11:00*	*11/15/21 01:44*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 126*	*11/12/21 11:00*	*11/15/21 01:44*	*1*
4-Bromofluorobenzene (Surr)	*91*		*72 - 126*	*11/12/21 11:00*	*11/15/21 01:44*	*1*
Toluene-d8 (Surr)	*95*		*71 - 125*	*11/12/21 11:00*	*11/15/21 01:44*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*11/12/21 11:00*	*11/15/21 01:44*	*1*

Client Sample ID: SOH-SB-15 (24-25)
Lab Sample ID: 480-192264-6

Date Collected: 11/09/21 15:30
Matrix: Solid
Date Received: 11/11/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**8140**		1000	815	mg/Kg			11/22/21 19:04	1

Client Sample ID: SOH-SB-15 (24-25)
Date Collected: 11/09/21 15:30
Date Received: 11/11/21 10:00

Lab Sample ID: 480-192264-6
Matrix: Solid
Percent Solids: 92.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	H	3.8	0.28	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
1,1,2,2-Tetrachloroethane	ND	H	3.8	0.62	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H	3.8	0.88	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
1,1,2-Trichloroethane	ND	H	3.8	0.50	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
1,1-Dichloroethane	**4.0**	**H**	3.8	0.47	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
1,1-Dichloroethene	ND	H	3.8	0.47	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
1,2,4-Trichlorobenzene	ND	H	3.8	0.23	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
1,2-Dibromo-3-Chloropropane	ND	H	3.8	1.9	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
1,2-Dichlorobenzene	ND	H	3.8	0.30	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
1,2-Dichloroethane	ND	H	3.8	0.19	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
1,2-Dichloropropane	ND	H	3.8	1.9	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
1,3-Dichlorobenzene	ND	H	3.8	0.20	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
1,4-Dichlorobenzene	ND	H	3.8	0.54	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
2-Butanone (MEK)	ND	H	19	1.4	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
2-Hexanone	ND	H	19	1.9	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
4-Methyl-2-pentanone (MIBK)	ND	H	19	1.3	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
Acetone	**8.4**	**J H**	19	3.2	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
Benzene	ND	H	3.8	0.19	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
Bromoform	ND	H	3.8	1.9	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
Bromomethane	ND	H	3.8	0.35	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
Carbon disulfide	ND	H	3.8	1.9	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
Carbon tetrachloride	ND	H	3.8	0.37	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
Chlorobenzene	ND	H	3.8	0.51	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
Dibromochloromethane	ND	H	3.8	0.49	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
Chloroethane	ND	H	3.8	0.87	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
Chloroform	ND	H	3.8	0.24	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
Chloromethane	ND	H	3.8	0.23	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
cis-1,2-Dichloroethene	**13**	**H**	3.8	0.49	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
Cyclohexane	ND	H	3.8	0.54	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
Bromodichloromethane	ND	H	3.8	0.52	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
Dichlorodifluoromethane	ND	H	3.8	0.32	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
Ethylbenzene	ND	H	3.8	0.27	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
1,2-Dibromoethane	ND	H	3.8	0.49	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
Isopropylbenzene	ND	H	3.8	0.58	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
Methyl acetate	ND	H	19	2.3	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
Methyl tert-butyl ether	ND	H	3.8	0.38	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
Methylcyclohexane	ND	H	3.8	0.58	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
Methylene Chloride	ND	H	3.8	1.8	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
Tetrachloroethene	ND	H	3.8	0.52	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
Toluene	ND	H	3.8	0.29	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
trans-1,2-Dichloroethene	ND	H	3.8	0.40	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
trans-1,3-Dichloropropene	ND	H	3.8	1.7	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
Trichloroethene	**0.93**	**J H**	3.8	0.85	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
Trichlorofluoromethane	ND	H	3.8	0.36	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
Vinyl chloride	ND	H	3.8	0.47	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
Xylenes, Total	ND	H	7.7	0.65	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
cis-1,3-Dichloropropene	ND	H	3.8	0.55	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1
Styrene	ND	H	3.8	0.19	ug/Kg	☼	11/12/21 11:00	11/15/21 20:49	1

Client Sample ID: SOH-SB-15 (24-25)
Lab Sample ID: 480-192264-6

Date Collected: 11/09/21 15:30
Matrix: Solid
Date Received: 11/11/21 10:00
Percent Solids: 92.7

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None	H	ug/Kg	☼			11/12/21 11:00	11/15/21 20:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		64 - 126	11/12/21 11:00	11/15/21 20:49	1
4-Bromofluorobenzene (Surr)	86		72 - 126	11/12/21 11:00	11/15/21 20:49	1
Toluene-d8 (Surr)	108		71 - 125	11/12/21 11:00	11/15/21 20:49	1
Dibromofluoromethane (Surr)	100		60 - 140	11/12/21 11:00	11/15/21 20:49	1

Client Sample ID: SOH-SB-15 (34-35)
Lab Sample ID: 480-192264-7

Date Collected: 11/09/21 15:50
Matrix: Solid
Date Received: 11/11/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	4960		1000	815	mg/Kg			11/22/21 19:08	1

Client Sample ID: SOH-SB-15 (34-35)
Lab Sample ID: 480-192264-7

Date Collected: 11/09/21 15:50
Matrix: Solid
Date Received: 11/11/21 10:00
Percent Solids: 92.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	H	4.2	0.30	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
1,1,2,2-Tetrachloroethane	ND	H	4.2	0.67	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H	4.2	0.95	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
1,1,2-Trichloroethane	ND	H	4.2	0.54	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
1,1-Dichloroethane	1.6	J H	4.2	0.51	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
1,1-Dichloroethene	ND	H	4.2	0.51	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
1,2,4-Trichlorobenzene	ND	H	4.2	0.25	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
1,2-Dibromo-3-Chloropropane	ND	H	4.2	2.1	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
1,2-Dichlorobenzene	ND	H	4.2	0.32	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
1,2-Dichloroethane	ND	H	4.2	0.21	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
1,2-Dichloropropane	ND	H	4.2	2.1	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
1,3-Dichlorobenzene	ND	H	4.2	0.21	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
1,4-Dichlorobenzene	ND	H	4.2	0.58	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
2-Butanone (MEK)	ND	H	21	1.5	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
2-Hexanone	ND	H	21	2.1	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
4-Methyl-2-pentanone (MIBK)	ND	H	21	1.4	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
Acetone	ND	H	21	3.5	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
Benzene	ND	H	4.2	0.20	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
Bromoform	ND	H	4.2	2.1	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
Bromomethane	ND	H	4.2	0.37	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
Carbon disulfide	ND	H	4.2	2.1	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
Carbon tetrachloride	ND	H	4.2	0.40	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
Chlorobenzene	ND	H	4.2	0.55	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
Dibromochloromethane	ND	H	4.2	0.53	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
Chloroethane	ND	H	4.2	0.94	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
Chloroform	ND	H	4.2	0.26	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
Chloromethane	ND	H	4.2	0.25	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
cis-1,2-Dichloroethene	5.2	H	4.2	0.53	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
Cyclohexane	ND	H	4.2	0.58	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1

Client Sample ID: SOH-SB-15 (34-35)
Lab Sample ID: 480-192264-7

Date Collected: 11/09/21 15:50
Matrix: Solid
Date Received: 11/11/21 10:00
Percent Solids: 92.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND	H	4.2	0.56	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
Dichlorodifluoromethane	ND	H	4.2	0.34	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
Ethylbenzene	ND	H	4.2	0.29	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
1,2-Dibromoethane	ND	H	4.2	0.53	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
Isopropylbenzene	ND	H	4.2	0.63	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
Methyl acetate	ND	H	21	2.5	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
Methyl tert-butyl ether	ND	H	4.2	0.41	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
Methylcyclohexane	ND	H	4.2	0.63	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
Methylene Chloride	ND	H	4.2	1.9	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
Tetrachloroethene	ND	H	4.2	0.56	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
Toluene	ND	H	4.2	0.31	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
trans-1,2-Dichloroethene	ND	H	4.2	0.43	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
trans-1,3-Dichloropropene	ND	H	4.2	1.8	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
Trichloroethene	ND	H	4.2	0.91	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
Trichlorofluoromethane	ND	H	4.2	0.39	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
Vinyl chloride	ND	H	4.2	0.51	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
Xylenes, Total	ND	H	8.3	0.70	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
cis-1,3-Dichloropropene	ND	H	4.2	0.60	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1
Styrene	ND	H	4.2	0.21	ug/Kg	☼	11/12/21 11:00	11/15/21 02:33	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*	*H*	*ug/Kg*	☼			*11/12/21 11:00*	*11/15/21 02:33*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 126*	*11/12/21 11:00*	*11/15/21 02:33*	*1*
4-Bromofluorobenzene (Surr)	*91*		*72 - 126*	*11/12/21 11:00*	*11/15/21 02:33*	*1*
Toluene-d8 (Surr)	*95*		*71 - 125*	*11/12/21 11:00*	*11/15/21 02:33*	*1*
Dibromofluoromethane (Surr)	*104*		*60 - 140*	*11/12/21 11:00*	*11/15/21 02:33*	*1*

Client Sample ID: SOH-SB-DUP-1
Lab Sample ID: 480-192264-8

Date Collected: 11/09/21 08:00
Matrix: Solid
Date Received: 11/11/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**11500**		1000	815	mg/Kg			11/22/21 19:13	1

Client Sample ID: SOH-SB-DUP-1
Lab Sample ID: 480-192264-8

Date Collected: 11/09/21 08:00
Matrix: Solid
Date Received: 11/11/21 10:00
Percent Solids: 92.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	H H3	3.5	0.25	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
1,1,2,2-Tetrachloroethane	ND	H H3	3.5	0.57	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	3.5	0.80	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
1,1,2-Trichloroethane	ND	H H3	3.5	0.46	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
1,1-Dichloroethane	ND	H H3	3.5	0.43	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
1,1-Dichloroethene	ND	H H3	3.5	0.43	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
1,2,4-Trichlorobenzene	ND	H H3	3.5	0.21	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
1,2-Dibromo-3-Chloropropane	ND	H H3	3.5	1.8	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1

Client Sample ID: SOH-SB-DUP-1
Date Collected: 11/09/21 08:00
Date Received: 11/11/21 10:00

Lab Sample ID: 480-192264-8
Matrix: Solid
Percent Solids: 92.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND	H H3	3.5	0.27	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
1,2-Dichloroethane	ND	H H3	3.5	0.18	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
1,2-Dichloropropane	ND	H H3	3.5	1.8	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
1,3-Dichlorobenzene	ND	H H3	3.5	0.18	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
1,4-Dichlorobenzene	ND	H H3	3.5	0.49	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
2-Butanone (MEK)	ND	H H3	18	1.3	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
2-Hexanone	ND	H H3	18	1.8	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
4-Methyl-2-pentanone (MIBK)	ND	H H3	18	1.1	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
Acetone	ND	H H3	18	2.9	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
Benzene	ND	H H3	3.5	0.17	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
Bromoform	ND	H H3	3.5	1.8	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
Bromomethane	ND	H H3	3.5	0.32	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
Carbon disulfide	ND	H H3	3.5	1.8	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
Carbon tetrachloride	ND	H H3	3.5	0.34	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
Chlorobenzene	ND	H H3	3.5	0.46	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
Dibromochloromethane	ND	H H3	3.5	0.45	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
Chloroethane	ND	H H3	3.5	0.79	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
Chloroform	ND	H H3	3.5	0.22	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
Chloromethane	ND	H H3	3.5	0.21	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
cis-1,2-Dichloroethene	ND	H H3	3.5	0.45	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
Cyclohexane	ND	H H3	3.5	0.49	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
Bromodichloromethane	ND	H H3	3.5	0.47	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
Dichlorodifluoromethane	ND	H H3	3.5	0.29	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
Ethylbenzene	ND	H H3	3.5	0.24	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
1,2-Dibromoethane	ND	H H3	3.5	0.45	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
Isopropylbenzene	ND	H H3	3.5	0.53	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
Methyl acetate	ND	H H3	18	2.1	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
Methyl tert-butyl ether	ND	H H3	3.5	0.34	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
Methylcyclohexane	ND	H H3	3.5	0.53	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
Methylene Chloride	ND	H H3	3.5	1.6	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
Tetrachloroethene	ND	H H3	3.5	0.47	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
Toluene	ND	H H3	3.5	0.26	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
trans-1,2-Dichloroethene	ND	H H3	3.5	0.36	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
trans-1,3-Dichloropropene	ND	H H3	3.5	1.5	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
Trichloroethene	ND	H H3	3.5	0.77	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
Trichlorofluoromethane	ND	H H3	3.5	0.33	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
Vinyl chloride	ND	H H3	3.5	0.43	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
Xylenes, Total	ND	H H3	7.0	0.59	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
cis-1,3-Dichloropropene	ND	H H3	3.5	0.50	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1
Styrene	ND	H H3	3.5	0.18	ug/Kg	☼	11/12/21 11:00	11/16/21 08:15	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*	*H H3*	*ug/Kg*	☼			*11/12/21 11:00*	*11/16/21 08:15*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 126*	*11/12/21 11:00*	*11/16/21 08:15*	*1*
4-Bromofluorobenzene (Surr)	*89*		*72 - 126*	*11/12/21 11:00*	*11/16/21 08:15*	*1*
Toluene-d8 (Surr)	*106*		*71 - 125*	*11/12/21 11:00*	*11/16/21 08:15*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*	*11/12/21 11:00*	*11/16/21 08:15*	*1*

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-192264-9

Date Collected: 11/09/21 00:00
Matrix: Water

Date Received: 11/11/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/17/21 06:32	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/17/21 06:32	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/17/21 06:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/17/21 06:32	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/17/21 06:32	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/17/21 06:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/17/21 06:32	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/17/21 06:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/17/21 06:32	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/17/21 06:32	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/17/21 06:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/17/21 06:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/17/21 06:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/17/21 06:32	1
2-Hexanone	ND		5.0	1.2	ug/L			11/17/21 06:32	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/17/21 06:32	1
Acetone	ND		10	3.0	ug/L			11/17/21 06:32	1
Benzene	ND		1.0	0.41	ug/L			11/17/21 06:32	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/17/21 06:32	1
Bromoform	ND		1.0	0.26	ug/L			11/17/21 06:32	1
Bromomethane	ND		1.0	0.69	ug/L			11/17/21 06:32	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/17/21 06:32	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/17/21 06:32	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/17/21 06:32	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/17/21 06:32	1
Chloroethane	ND		1.0	0.32	ug/L			11/17/21 06:32	1
Chloroform	ND		1.0	0.34	ug/L			11/17/21 06:32	1
Chloromethane	ND		1.0	0.35	ug/L			11/17/21 06:32	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/17/21 06:32	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/17/21 06:32	1
Cyclohexane	ND		1.0	0.18	ug/L			11/17/21 06:32	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/17/21 06:32	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/17/21 06:32	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/17/21 06:32	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/17/21 06:32	1
Methyl acetate	ND		2.5	1.3	ug/L			11/17/21 06:32	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/17/21 06:32	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/17/21 06:32	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/17/21 06:32	1
Styrene	ND		1.0	0.73	ug/L			11/17/21 06:32	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/17/21 06:32	1
Toluene	ND		1.0	0.51	ug/L			11/17/21 06:32	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/17/21 06:32	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/17/21 06:32	1
Trichloroethene	ND		1.0	0.46	ug/L			11/17/21 06:32	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/17/21 06:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/17/21 06:32	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/17/21 06:32	1

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-192264-9
Date Collected: 11/09/21 00:00
Matrix: Water
Date Received: 11/11/21 10:00

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					11/17/21 06:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		11/17/21 06:32	1
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		11/17/21 06:32	1
4-Bromofluorobenzene (Surr)	101		73 - 120		11/17/21 06:32	1
Dibromofluoromethane (Surr)	102		75 - 123		11/17/21 06:32	1

Client Sample ID: SOH-SB-07 (3-4)
Lab Sample ID: 480-192264-10
Date Collected: 11/10/21 08:20
Matrix: Solid
Date Received: 11/11/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	32300		1000	815	mg/Kg			11/22/21 19:17	1

Client Sample ID: SOH-SB-07 (3-4)
Lab Sample ID: 480-192264-10
Date Collected: 11/10/21 08:20
Matrix: Solid
Date Received: 11/11/21 10:00
Percent Solids: 92.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	H	3.9	0.28	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
1,1,2,2-Tetrachloroethane	ND	H	3.9	0.63	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H	3.9	0.88	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
1,1,2-Trichloroethane	ND	H	3.9	0.50	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
1,1-Dichloroethane	2.9	J H	3.9	0.47	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
1,1-Dichloroethene	ND	H	3.9	0.47	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
1,2,4-Trichlorobenzene	ND	H	3.9	0.23	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
1,2-Dibromo-3-Chloropropane	ND	H	3.9	1.9	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
1,2-Dichlorobenzene	ND	H	3.9	0.30	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
1,2-Dichloroethane	ND	H	3.9	0.19	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
1,2-Dichloropropane	ND	H	3.9	1.9	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
1,3-Dichlorobenzene	ND	H	3.9	0.20	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
1,4-Dichlorobenzene	ND	H	3.9	0.54	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
2-Butanone (MEK)	4.9	J H	19	1.4	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
2-Hexanone	ND	H	19	1.9	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
4-Methyl-2-pentanone (MIBK)	ND	H	19	1.3	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
Acetone	29	H	19	3.3	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
Benzene	ND	H	3.9	0.19	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
Bromoform	ND	H	3.9	1.9	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
Bromomethane	ND	H	3.9	0.35	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
Carbon disulfide	ND	H	3.9	1.9	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
Carbon tetrachloride	ND	H	3.9	0.37	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
Chlorobenzene	ND	H	3.9	0.51	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
Dibromochloromethane	ND	H	3.9	0.49	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
Chloroethane	ND	H	3.9	0.87	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
Chloroform	ND	H	3.9	0.24	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
Chloromethane	ND	H	3.9	0.23	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
cis-1,2-Dichloroethene	2.2	J H	3.9	0.49	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
Cyclohexane	ND	H	3.9	0.54	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1

Client Sample ID: SOH-SB-07 (3-4)
Lab Sample ID: 480-192264-10
Date Collected: 11/10/21 08:20
Matrix: Solid
Date Received: 11/11/21 10:00
Percent Solids: 92.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND	H	3.9	0.52	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
Dichlorodifluoromethane	ND	H	3.9	0.32	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
Ethylbenzene	ND	H	3.9	0.27	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
1,2-Dibromoethane	ND	H	3.9	0.50	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
Isopropylbenzene	ND	H	3.9	0.58	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
Methyl acetate	**11**	**J H**	19	2.3	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
Methyl tert-butyl ether	ND	H	3.9	0.38	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
Methylcyclohexane	ND	H	3.9	0.59	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
Methylene Chloride	ND	H	3.9	1.8	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
Tetrachloroethene	ND	H	3.9	0.52	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
Toluene	ND	H	3.9	0.29	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
trans-1,2-Dichloroethene	ND	H	3.9	0.40	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
trans-1,3-Dichloropropene	ND	H	3.9	1.7	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
Trichloroethene	**1.3**	**J H**	3.9	0.85	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
Trichlorofluoromethane	ND	H	3.9	0.37	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
Vinyl chloride	ND	H	3.9	0.47	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
Xylenes, Total	ND	H	7.7	0.65	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
cis-1,3-Dichloropropene	ND	H	3.9	0.56	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1
Styrene	ND	H	3.9	0.19	ug/Kg	☼	11/12/21 11:00	11/15/21 03:21	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*	*H*	*ug/Kg*	☼			*11/12/21 11:00*	*11/15/21 03:21*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 126*	*11/12/21 11:00*	*11/15/21 03:21*	*1*
4-Bromofluorobenzene (Surr)	*91*		*72 - 126*	*11/12/21 11:00*	*11/15/21 03:21*	*1*
Toluene-d8 (Surr)	*94*		*71 - 125*	*11/12/21 11:00*	*11/15/21 03:21*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*	*11/12/21 11:00*	*11/15/21 03:21*	*1*

Client Sample ID: SOH-SB-07 (14-15)
Lab Sample ID: 480-192264-11
Date Collected: 11/10/21 08:40
Matrix: Solid
Date Received: 11/11/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1000	815	mg/Kg			11/22/21 19:21	1

Client Sample ID: SOH-SB-07 (14-15)
Lab Sample ID: 480-192264-11
Date Collected: 11/10/21 08:40
Matrix: Solid
Date Received: 11/11/21 10:00
Percent Solids: 92.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**23**	**H**	3.8	0.27	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
1,1,2,2-Tetrachloroethane	ND	H	3.8	0.61	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
1,1,2-Trichloro-1,2,2-trifluoroetha ne	**9.1**	**H**	3.8	0.86	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
1,1,2-Trichloroethane	ND	H	3.8	0.49	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
1,1-Dichloroethane	**1000**	**E H**	3.8	0.46	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
1,1-Dichloroethene	**130**	**H**	3.8	0.46	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
1,2,4-Trichlorobenzene	ND	H	3.8	0.23	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1

Client Sample ID: SOH-SB-07 (14-15)
Lab Sample ID: 480-192264-11

Date Collected: 11/10/21 08:40
Matrix: Solid

Date Received: 11/11/21 10:00
Percent Solids: 92.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND	H	3.8	1.9	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
1,2-Dichlorobenzene	ND	H	3.8	0.30	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
1,2-Dichloroethane	**1.2**	**J H**	3.8	0.19	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
1,2-Dichloropropane	ND	H	3.8	1.9	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
1,3-Dichlorobenzene	ND	H	3.8	0.19	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
1,4-Dichlorobenzene	ND	H	3.8	0.53	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
2-Butanone (MEK)	ND	H	19	1.4	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
2-Hexanone	ND	H	19	1.9	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
4-Methyl-2-pentanone (MIBK)	ND	H	19	1.2	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
Acetone	**8.4**	**J H**	19	3.2	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
Benzene	**0.19**	**J H**	3.8	0.19	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
Bromoform	ND	H	3.8	1.9	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
Bromomethane	ND	H	3.8	0.34	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
Carbon disulfide	**4.3**	**H**	3.8	1.9	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
Carbon tetrachloride	ND	H	3.8	0.37	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
Chlorobenzene	ND	H	3.8	0.50	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
Dibromochloromethane	ND	H	3.8	0.48	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
Chloroethane	**9.4**	**H**	3.8	0.86	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
Chloroform	ND	H	3.8	0.23	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
Chloromethane	ND	H	3.8	0.23	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
cis-1,2-Dichloroethene	**130**	**H**	3.8	0.48	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
Cyclohexane	ND	H	3.8	0.53	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
Bromodichloromethane	ND	H	3.8	0.51	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
Dichlorodifluoromethane	ND	H	3.8	0.31	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
Ethylbenzene	ND	H	3.8	0.26	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
1,2-Dibromoethane	ND	H	3.8	0.49	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
Isopropylbenzene	ND	H	3.8	0.57	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
Methyl acetate	ND	H	19	2.3	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
Methyl tert-butyl ether	ND	H	3.8	0.37	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
Methylcyclohexane	ND	H	3.8	0.58	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
Methylene Chloride	ND	H	3.8	1.7	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
Tetrachloroethene	**16**	**H**	3.8	0.51	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
Toluene	ND	H	3.8	0.29	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
trans-1,2-Dichloroethene	**1.8**	**J H**	3.8	0.39	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
trans-1,3-Dichloropropene	ND	H	3.8	1.7	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
Trichloroethene	**25**	**H**	3.8	0.83	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
Trichlorofluoromethane	ND	H	3.8	0.36	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
Vinyl chloride	**12**	**H**	3.8	0.46	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
Xylenes, Total	ND	H	7.6	0.64	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
cis-1,3-Dichloropropene	ND	H	3.8	0.55	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1
Styrene	ND	H	3.8	0.19	ug/Kg	☼	11/12/21 11:00	11/15/21 03:46	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*	*H*	*ug/Kg*	☼			*11/12/21 11:00*	*11/15/21 03:46*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*64 - 126*	*11/12/21 11:00*	*11/15/21 03:46*	*1*
4-Bromofluorobenzene (Surr)	*87*		*72 - 126*	*11/12/21 11:00*	*11/15/21 03:46*	*1*
Toluene-d8 (Surr)	*97*		*71 - 125*	*11/12/21 11:00*	*11/15/21 03:46*	*1*
Dibromofluoromethane (Surr)	*106*		*60 - 140*	*11/12/21 11:00*	*11/15/21 03:46*	*1*

Client Sample ID: SOH-SB-07 (14-15)
Lab Sample ID: 480-192264-11

Date Collected: 11/10/21 08:40
Matrix: Solid

Date Received: 11/11/21 10:00
Percent Solids: 92.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**160**	**J**	190	54	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
1,1,2,2-Tetrachloroethane	ND		190	31	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		190	97	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
1,1,2-Trichloroethane	ND		190	41	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
1,1-Dichloroethane	**2900**		190	60	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
1,1-Dichloroethene	**380**		190	67	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
1,2,4-Trichlorobenzene	ND		190	73	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
1,2-Dibromo-3-Chloropropane	ND		190	97	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
1,2-Dichlorobenzene	ND		190	49	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
1,2-Dichloroethane	ND		190	79	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
1,2-Dichloropropane	ND		190	31	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
1,3-Dichlorobenzene	ND		190	52	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
1,4-Dichlorobenzene	ND		190	27	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
2-Butanone (MEK)	ND		970	570	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
2-Hexanone	ND		970	400	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
4-Methyl-2-pentanone (MIBK)	ND		970	62	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
Acetone	ND		970	790	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
Benzene	ND		190	37	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
Bromoform	ND		190	97	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
Bromomethane	ND		190	43	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
Carbon disulfide	ND		190	88	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
Carbon tetrachloride	ND		190	49	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
Chlorobenzene	ND		190	26	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
Dibromochloromethane	ND		190	94	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
Chloroethane	ND		190	40	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
Chloroform	ND		190	130	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
Chloromethane	ND		190	46	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
cis-1,2-Dichloroethene	**400**		190	53	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
Cyclohexane	ND		190	43	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
Bromodichloromethane	ND		190	39	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
Dichlorodifluoromethane	ND		190	84	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
Ethylbenzene	ND		190	56	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
1,2-Dibromoethane	ND		190	34	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
Isopropylbenzene	ND		190	29	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
Methyl acetate	ND		970	92	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
Methyl tert-butyl ether	ND		190	73	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
Methylcyclohexane	ND		190	90	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
Methylene Chloride	ND		190	38	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
Tetrachloroethene	**270**		190	26	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
Toluene	ND		190	52	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
trans-1,2-Dichloroethene	ND		190	46	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
trans-1,3-Dichloropropene	ND		190	19	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
Trichloroethene	**150**	**J**	190	54	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
Trichlorofluoromethane	ND		190	91	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
Vinyl chloride	ND		190	65	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
Xylenes, Total	ND		390	110	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
cis-1,3-Dichloropropene	ND		190	46	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4
Styrene	ND		190	47	ug/Kg	☼	11/15/21 20:50	11/16/21 16:07	4

Client Sample ID: SOH-SB-07 (14-15) — Lab Sample ID: 480-192264-11

Date Collected: 11/10/21 08:40 — **Matrix: Solid**
Date Received: 11/11/21 10:00 — **Percent Solids: 92.6**

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
column bleed	25000	T J	ug/Kg	☼	9.38		11/15/21 20:50	11/16/21 16:07	4
Unknown	5500	T J	ug/Kg	☼	11.17		11/15/21 20:50	11/16/21 16:07	4
Unknown	690	T J	ug/Kg	☼	12.68		11/15/21 20:50	11/16/21 16:07	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		53 - 146	11/15/21 20:50	11/16/21 16:07	4
4-Bromofluorobenzene (Surr)	115		49 - 148	11/15/21 20:50	11/16/21 16:07	4
Toluene-d8 (Surr)	105		50 - 149	11/15/21 20:50	11/16/21 16:07	4
Dibromofluoromethane (Surr)	112		60 - 140	11/15/21 20:50	11/16/21 16:07	4

Client Sample ID: SOH-SB-06 (2-3) — Lab Sample ID: 480-192264-12

Date Collected: 11/10/21 12:50 — **Matrix: Solid**
Date Received: 11/11/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**7080**		1000	815	mg/Kg			11/22/21 19:25	1

Client Sample ID: SOH-SB-06 (2-3) — Lab Sample ID: 480-192264-12

Date Collected: 11/10/21 12:50 — **Matrix: Solid**
Date Received: 11/11/21 10:00 — **Percent Solids: 83.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.2	0.31	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
1,1,2,2-Tetrachloroethane	ND		4.2	0.68	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.2	0.96	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
1,1,2-Trichloroethane	ND		4.2	0.55	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
1,1-Dichloroethane	ND		4.2	0.51	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
1,1-Dichloroethene	ND		4.2	0.51	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
1,2,4-Trichlorobenzene	ND		4.2	0.26	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
1,2-Dibromo-3-Chloropropane	ND		4.2	2.1	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
1,2-Dichlorobenzene	ND		4.2	0.33	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
1,2-Dichloroethane	ND		4.2	0.21	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
1,2-Dichloropropane	ND		4.2	2.1	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
1,3-Dichlorobenzene	ND		4.2	0.22	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
1,4-Dichlorobenzene	ND		4.2	0.59	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
2-Butanone (MEK)	**10**	**J**	21	1.5	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
2-Hexanone	ND		21	2.1	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
4-Methyl-2-pentanone (MIBK)	ND		21	1.4	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
Acetone	**63**		21	3.5	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
Benzene	ND		4.2	0.21	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
Bromoform	ND		4.2	2.1	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
Bromomethane	ND		4.2	0.38	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
Carbon disulfide	ND		4.2	2.1	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
Carbon tetrachloride	ND		4.2	0.41	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
Chlorobenzene	ND		4.2	0.55	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
Dibromochloromethane	ND		4.2	0.54	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
Chloroethane	ND		4.2	0.95	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
Chloroform	ND		4.2	0.26	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
Chloromethane	ND		4.2	0.25	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1

Client Sample ID: SOH-SB-06 (2-3)
Lab Sample ID: 480-192264-12

Date Collected: 11/10/21 12:50
Matrix: Solid
Date Received: 11/11/21 10:00
Percent Solids: 83.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		4.2	0.54	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
Cyclohexane	ND		4.2	0.59	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
Bromodichloromethane	ND		4.2	0.56	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
Dichlorodifluoromethane	ND		4.2	0.35	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
Ethylbenzene	ND		4.2	0.29	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
1,2-Dibromoethane	ND		4.2	0.54	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
Isopropylbenzene	ND		4.2	0.63	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
Methyl acetate	ND		21	2.5	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
Methyl tert-butyl ether	ND		4.2	0.41	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
Methylcyclohexane	ND		4.2	0.64	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
Methylene Chloride	ND		4.2	1.9	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
Tetrachloroethene	ND		4.2	0.56	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
Toluene	ND		4.2	0.32	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
trans-1,2-Dichloroethene	ND		4.2	0.43	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
trans-1,3-Dichloropropene	ND		4.2	1.8	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
Trichloroethene	ND		4.2	0.92	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
Trichlorofluoromethane	ND		4.2	0.40	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
Vinyl chloride	ND		4.2	0.51	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
Xylenes, Total	ND		8.4	0.71	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
cis-1,3-Dichloropropene	ND		4.2	0.60	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1
Styrene	ND		4.2	0.21	ug/Kg	☼	11/12/21 11:00	11/15/21 04:10	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
1H-Indene, 2,3-dihydro-1,6-dimethyl-	*9.4*	*T J N*	*ug/Kg*	☼	*12.43*	*17059-48-2*	*11/12/21 11:00*	*11/15/21 04:10*	*1*
Benzene, ethyl-1,2,4-trimethyl-	*4.5*	*T J N*	*ug/Kg*	☼	*13.22*	*54120-62-6*	*11/12/21 11:00*	*11/15/21 04:10*	*1*
Unknown	*7.0*	*T J*	*ug/Kg*	☼	*13.44*		*11/12/21 11:00*	*11/15/21 04:10*	*1*
Benzene, cyclohexyl-	*5.6*	*T J N*	*ug/Kg*	☼	*13.72*	*827-52-1*	*11/12/21 11:00*	*11/15/21 04:10*	*1*
Unknown	*9.7*	*T J*	*ug/Kg*	☼	*13.92*		*11/12/21 11:00*	*11/15/21 04:10*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 126*	*11/12/21 11:00*	*11/15/21 04:10*	*1*
4-Bromofluorobenzene (Surr)	*89*		*72 - 126*	*11/12/21 11:00*	*11/15/21 04:10*	*1*
Toluene-d8 (Surr)	*98*		*71 - 125*	*11/12/21 11:00*	*11/15/21 04:10*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*	*11/12/21 11:00*	*11/15/21 04:10*	*1*

Client Sample ID: SOH-SB-06 (14-15)
Lab Sample ID: 480-192264-13

Date Collected: 11/10/21 13:20
Matrix: Solid
Date Received: 11/11/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**9950**		1000	815	mg/Kg			11/22/21 19:30	1

Client Sample ID: SOH-SB-06 (14-15)
Lab Sample ID: 480-192264-13

Date Collected: 11/10/21 13:20
Matrix: Solid
Date Received: 11/11/21 10:00
Percent Solids: 91.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.6	0.26	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
1,1,2,2-Tetrachloroethane	ND		3.6	0.58	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1

Client Sample ID: SOH-SB-06 (14-15)
Lab Sample ID: 480-192264-13

Date Collected: 11/10/21 13:20
Matrix: Solid

Date Received: 11/11/21 10:00
Percent Solids: 91.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.6	0.81	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
1,1,2-Trichloroethane	ND		3.6	0.46	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
1,1-Dichloroethane	**1700**	**E**	3.6	0.43	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
1,1-Dichloroethene	**150**	**E**	3.6	0.44	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
1,2,4-Trichlorobenzene	ND		3.6	0.22	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
1,2-Dibromo-3-Chloropropane	ND		3.6	1.8	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
1,2-Dichlorobenzene	ND		3.6	0.28	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
1,2-Dichloroethane	**3.6**		3.6	0.18	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
1,2-Dichloropropane	ND		3.6	1.8	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
1,3-Dichlorobenzene	ND		3.6	0.18	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
1,4-Dichlorobenzene	ND		3.6	0.50	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
2-Butanone (MEK)	ND		18	1.3	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
2-Hexanone	ND		18	1.8	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
4-Methyl-2-pentanone (MIBK)	ND		18	1.2	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
Acetone	**6.4**	**J**	18	3.0	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
Benzene	**0.17**	**J**	3.6	0.17	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
Bromoform	ND		3.6	1.8	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
Bromomethane	ND		3.6	0.32	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
Carbon disulfide	ND		3.6	1.8	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
Carbon tetrachloride	ND		3.6	0.34	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
Chlorobenzene	ND		3.6	0.47	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
Dibromochloromethane	ND		3.6	0.46	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
Chloroethane	**220**	**E**	3.6	0.81	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
Chloroform	ND		3.6	0.22	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
Chloromethane	ND		3.6	0.22	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
cis-1,2-Dichloroethene	**260**	**E**	3.6	0.46	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
Cyclohexane	ND		3.6	0.50	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
Bromodichloromethane	ND		3.6	0.48	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
Dichlorodifluoromethane	ND		3.6	0.29	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
Ethylbenzene	ND		3.6	0.25	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
1,2-Dibromoethane	ND		3.6	0.46	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
Isopropylbenzene	ND		3.6	0.54	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
Methyl acetate	ND		18	2.2	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
Methyl tert-butyl ether	ND		3.6	0.35	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
Methylcyclohexane	ND		3.6	0.54	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
Methylene Chloride	**4.0**		3.6	1.6	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
Tetrachloroethene	ND		3.6	0.48	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
Toluene	ND		3.6	0.27	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
trans-1,2-Dichloroethene	**1.1**	**J**	3.6	0.37	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
trans-1,3-Dichloropropene	ND		3.6	1.6	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
Trichloroethene	**120**		3.6	0.78	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
Trichlorofluoromethane	ND		3.6	0.34	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
Vinyl chloride	**12**		3.6	0.43	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
Xylenes, Total	ND		7.1	0.60	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
cis-1,3-Dichloropropene	ND		3.6	0.51	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1
Styrene	ND		3.6	0.18	ug/Kg	☼	11/12/21 11:00	11/15/21 09:04	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*6.4*	*T J*	*ug/Kg*	☼	*2.87*		*11/12/21 11:00*	*11/15/21 09:04*	*1*

Client Sample ID: SOH-SB-06 (14-15)
Date Collected: 11/10/21 13:20
Date Received: 11/11/21 10:00

Lab Sample ID: 480-192264-13
Matrix: Solid
Percent Solids: 91.9

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*	*11/12/21 11:00*	*11/15/21 09:04*	*1*
4-Bromofluorobenzene (Surr)	*89*		*72 - 126*	*11/12/21 11:00*	*11/15/21 09:04*	*1*
Toluene-d8 (Surr)	*97*		*71 - 125*	*11/12/21 11:00*	*11/15/21 09:04*	*1*
Dibromofluoromethane (Surr)	*106*		*60 - 140*	*11/12/21 11:00*	*11/15/21 09:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		160	45	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
1,1,2,2-Tetrachloroethane	ND		160	27	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		160	82	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
1,1,2-Trichloroethane	ND		160	34	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
1,1-Dichloroethane	**5600**		160	51	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
1,1-Dichloroethene	**500**		160	57	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
1,2,4-Trichlorobenzene	ND		160	62	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
1,2-Dibromo-3-Chloropropane	ND		160	82	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
1,2-Dichlorobenzene	ND		160	42	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
1,2-Dichloroethane	ND		160	67	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
1,2-Dichloropropane	ND		160	26	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
1,3-Dichlorobenzene	ND		160	44	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
1,4-Dichlorobenzene	ND		160	23	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
2-Butanone (MEK)	ND		820	490	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
2-Hexanone	ND		820	340	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
4-Methyl-2-pentanone (MIBK)	ND		820	52	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
Acetone	ND		820	670	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
Benzene	ND		160	31	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
Bromoform	ND		160	82	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
Bromomethane	ND		160	36	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
Carbon disulfide	ND		160	74	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
Carbon tetrachloride	ND		160	42	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
Chlorobenzene	ND		160	22	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
Dibromochloromethane	ND		160	79	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
Chloroethane	ND		160	34	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
Chloroform	ND		160	110	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
Chloromethane	ND		160	39	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
cis-1,2-Dichloroethene	**780**		160	45	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
Cyclohexane	ND		160	36	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
Bromodichloromethane	ND		160	33	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
Dichlorodifluoromethane	ND		160	71	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
Ethylbenzene	ND		160	48	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
1,2-Dibromoethane	ND		160	29	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
Isopropylbenzene	ND		160	25	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
Methyl acetate	ND		820	78	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
Methyl tert-butyl ether	ND		160	62	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
Methylcyclohexane	ND		160	77	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
Methylene Chloride	ND		160	32	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
Tetrachloroethene	ND		160	22	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
Toluene	ND		160	44	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
trans-1,2-Dichloroethene	ND		160	39	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
trans-1,3-Dichloropropene	ND		160	16	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
Trichloroethene	**830**		160	45	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4

Client Sample ID: SOH-SB-06 (14-15)
Lab Sample ID: 480-192264-13
Date Collected: 11/10/21 13:20
Matrix: Solid
Date Received: 11/11/21 10:00
Percent Solids: 91.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		160	77	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
Vinyl chloride	ND		160	55	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
Xylenes, Total	ND		330	91	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
cis-1,3-Dichloropropene	ND		160	39	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4
Styrene	ND		160	39	ug/Kg	☼	11/15/21 20:50	11/16/21 16:30	4

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*11/15/21 20:50*	*11/16/21 16:30*	*4*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*53 - 146*	*11/15/21 20:50*	*11/16/21 16:30*	*4*
4-Bromofluorobenzene (Surr)	*110*		*49 - 148*	*11/15/21 20:50*	*11/16/21 16:30*	*4*
Toluene-d8 (Surr)	*104*		*50 - 149*	*11/15/21 20:50*	*11/16/21 16:30*	*4*
Dibromofluoromethane (Surr)	*107*		*60 - 140*	*11/15/21 20:50*	*11/16/21 16:30*	*4*

Client Sample ID: SOH-SB-06 (32-33)
Lab Sample ID: 480-192264-15
Date Collected: 11/10/21 15:35
Matrix: Solid
Date Received: 11/11/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**13100**		1000	815	mg/Kg			11/22/21 20:03	1

Client Sample ID: SOH-SB-06 (32-33)
Lab Sample ID: 480-192264-15
Date Collected: 11/10/21 15:35
Matrix: Solid
Date Received: 11/11/21 10:00
Percent Solids: 90.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**0.95**	**J**	3.5	0.25	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
1,1,2,2-Tetrachloroethane	ND		3.5	0.56	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.5	0.79	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
1,1,2-Trichloroethane	ND		3.5	0.45	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
1,1-Dichloroethane	**7.6**		3.5	0.42	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
1,1-Dichloroethene	ND		3.5	0.43	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
1,2,4-Trichlorobenzene	ND		3.5	0.21	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
1,2-Dibromo-3-Chloropropane	ND		3.5	1.7	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
1,2-Dichlorobenzene	ND		3.5	0.27	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
1,2-Dichloroethane	ND		3.5	0.17	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
1,2-Dichloropropane	ND		3.5	1.7	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
1,3-Dichlorobenzene	ND		3.5	0.18	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
1,4-Dichlorobenzene	ND		3.5	0.49	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
2-Butanone (MEK)	ND		17	1.3	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
2-Hexanone	ND		17	1.7	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
4-Methyl-2-pentanone (MIBK)	ND		17	1.1	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
Acetone	ND		17	2.9	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
Benzene	ND		3.5	0.17	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
Bromoform	ND		3.5	1.7	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
Bromomethane	ND		3.5	0.31	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
Carbon disulfide	ND		3.5	1.7	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
Carbon tetrachloride	ND		3.5	0.34	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1

Client Sample ID: SOH-SB-06 (32-33)
Lab Sample ID: 480-192264-15

Date Collected: 11/10/21 15:35
Matrix: Solid
Date Received: 11/11/21 10:00
Percent Solids: 90.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		3.5	0.46	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
Dibromochloromethane	ND		3.5	0.44	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
Chloroethane	ND		3.5	0.79	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
Chloroform	ND		3.5	0.21	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
Chloromethane	ND		3.5	0.21	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
cis-1,2-Dichloroethene	**18**		3.5	0.44	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
Cyclohexane	ND		3.5	0.49	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
Bromodichloromethane	ND		3.5	0.47	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
Dichlorodifluoromethane	ND		3.5	0.29	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
Ethylbenzene	ND		3.5	0.24	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
1,2-Dibromoethane	ND		3.5	0.45	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
Isopropylbenzene	ND		3.5	0.52	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
Methyl acetate	ND		17	2.1	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
Methyl tert-butyl ether	ND		3.5	0.34	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
Methylcyclohexane	ND		3.5	0.53	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
Methylene Chloride	ND		3.5	1.6	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
Tetrachloroethene	ND		3.5	0.47	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
Toluene	ND		3.5	0.26	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
trans-1,2-Dichloroethene	ND		3.5	0.36	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
trans-1,3-Dichloropropene	ND		3.5	1.5	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
Trichloroethene	ND		3.5	0.76	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
Trichlorofluoromethane	ND		3.5	0.33	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
Vinyl chloride	**3.2**	**J**	3.5	0.42	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
Xylenes, Total	ND		7.0	0.58	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
cis-1,3-Dichloropropene	ND		3.5	0.50	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1
Styrene	ND		3.5	0.17	ug/Kg	☼	11/12/21 11:00	11/16/21 08:40	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*11/12/21 11:00*	*11/16/21 08:40*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*64 - 126*	*11/12/21 11:00*	*11/16/21 08:40*	*1*
4-Bromofluorobenzene (Surr)	*87*		*72 - 126*	*11/12/21 11:00*	*11/16/21 08:40*	*1*
Toluene-d8 (Surr)	*106*		*71 - 125*	*11/12/21 11:00*	*11/16/21 08:40*	*1*
Dibromofluoromethane (Surr)	*104*		*60 - 140*	*11/12/21 11:00*	*11/16/21 08:40*	*1*

Client Sample ID: SOH-SB-EB-1
Lab Sample ID: 480-192264-16

Date Collected: 11/10/21 15:15
Matrix: Water
Date Received: 11/11/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/17/21 14:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/17/21 14:10	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/17/21 14:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/17/21 14:10	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/17/21 14:10	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/17/21 14:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/17/21 14:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/17/21 14:10	1

Client Sample ID: SOH-SB-EB-1
Lab Sample ID: 480-192264-16

Date Collected: 11/10/21 15:15
Matrix: Water
Date Received: 11/11/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/17/21 14:10	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/17/21 14:10	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/17/21 14:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/17/21 14:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/17/21 14:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/17/21 14:10	1
2-Hexanone	ND		5.0	1.2	ug/L			11/17/21 14:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/17/21 14:10	1
Acetone	ND		10	3.0	ug/L			11/17/21 14:10	1
Benzene	ND		1.0	0.41	ug/L			11/17/21 14:10	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/17/21 14:10	1
Bromoform	ND		1.0	0.26	ug/L			11/17/21 14:10	1
Bromomethane	ND		1.0	0.69	ug/L			11/17/21 14:10	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/17/21 14:10	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/17/21 14:10	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/17/21 14:10	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/17/21 14:10	1
Chloroethane	ND		1.0	0.32	ug/L			11/17/21 14:10	1
Chloroform	ND		1.0	0.34	ug/L			11/17/21 14:10	1
Chloromethane	ND		1.0	0.35	ug/L			11/17/21 14:10	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/17/21 14:10	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/17/21 14:10	1
Cyclohexane	ND		1.0	0.18	ug/L			11/17/21 14:10	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/17/21 14:10	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/17/21 14:10	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/17/21 14:10	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/17/21 14:10	1
Methyl acetate	ND		2.5	1.3	ug/L			11/17/21 14:10	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/17/21 14:10	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/17/21 14:10	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/17/21 14:10	1
Styrene	ND		1.0	0.73	ug/L			11/17/21 14:10	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/17/21 14:10	1
Toluene	ND		1.0	0.51	ug/L			11/17/21 14:10	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/17/21 14:10	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/17/21 14:10	1
Trichloroethene	ND		1.0	0.46	ug/L			11/17/21 14:10	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/17/21 14:10	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/17/21 14:10	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/17/21 14:10	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*11/17/21 14:10*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/17/21 14:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*11/17/21 14:10*	*1*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*11/17/21 14:10*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*11/17/21 14:10*	*1*

Client Sample ID: SOH-SB-22(6-7)
Lab Sample ID: 480-192393-1
Date Collected: 11/12/21 08:35
Matrix: Solid
Date Received: 11/13/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**5440**		1000	815	mg/Kg			11/22/21 20:29	1

Client Sample ID: SOH-SB-22(6-7)
Lab Sample ID: 480-192393-1
Date Collected: 11/12/21 08:35
Matrix: Solid
Date Received: 11/13/21 10:00
Percent Solids: 83.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**1.6**	**J**	3.6	0.26	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
1,1,2,2-Tetrachloroethane	ND		3.6	0.59	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.6	0.83	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
1,1,2-Trichloroethane	ND		3.6	0.47	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
1,1-Dichloroethane	**1.3**	**J**	3.6	0.44	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
1,1-Dichloroethene	ND		3.6	0.45	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
1,2,4-Trichlorobenzene	ND		3.6	0.22	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
1,2-Dibromo-3-Chloropropane	ND		3.6	1.8	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
1,2-Dichlorobenzene	ND		3.6	0.28	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
1,2-Dichloroethane	ND		3.6	0.18	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
1,2-Dichloropropane	ND		3.6	1.8	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
1,3-Dichlorobenzene	ND		3.6	0.19	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
1,4-Dichlorobenzene	ND		3.6	0.51	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
2-Butanone (MEK)	ND		18	1.3	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
2-Hexanone	ND		18	1.8	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
4-Methyl-2-pentanone (MIBK)	ND		18	1.2	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
Acetone	**3.6**	**J**	18	3.1	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
Benzene	ND		3.6	0.18	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
Bromoform	ND		3.6	1.8	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
Bromomethane	ND		3.6	0.33	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
Carbon disulfide	ND		3.6	1.8	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
Carbon tetrachloride	ND		3.6	0.35	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
Chlorobenzene	ND		3.6	0.48	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
Dibromochloromethane	ND		3.6	0.47	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
Chloroethane	ND		3.6	0.82	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
Chloroform	ND		3.6	0.22	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
Chloromethane	ND		3.6	0.22	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
cis-1,2-Dichloroethene	**1.3**	**J**	3.6	0.47	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
Cyclohexane	ND		3.6	0.51	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
Bromodichloromethane	ND		3.6	0.49	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
Dichlorodifluoromethane	ND		3.6	0.30	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
Ethylbenzene	ND		3.6	0.25	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
1,2-Dibromoethane	ND		3.6	0.47	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
Isopropylbenzene	ND		3.6	0.55	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
Methyl acetate	ND		18	2.2	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
Methyl tert-butyl ether	ND		3.6	0.36	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
Methylcyclohexane	ND		3.6	0.55	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
Methylene Chloride	ND		3.6	1.7	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
Tetrachloroethene	ND		3.6	0.49	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
Toluene	ND		3.6	0.27	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
trans-1,2-Dichloroethene	ND		3.6	0.38	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
trans-1,3-Dichloropropene	ND		3.6	1.6	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1

Client Sample ID: SOH-SB-22(6-7)
Lab Sample ID: 480-192393-1
Date Collected: 11/12/21 08:35
Matrix: Solid
Date Received: 11/13/21 10:00
Percent Solids: 83.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		3.6	0.80	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
Trichlorofluoromethane	ND		3.6	0.34	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
Vinyl chloride	ND		3.6	0.44	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
Xylenes, Total	ND		7.3	0.61	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
cis-1,3-Dichloropropene	ND		3.6	0.52	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1
Styrene	ND		3.6	0.18	ug/Kg	☼	11/13/21 13:00	11/16/21 12:20	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*11/13/21 13:00*	*11/16/21 12:20*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*64 - 126*	*11/13/21 13:00*	*11/16/21 12:20*	*1*
4-Bromofluorobenzene (Surr)	*95*		*72 - 126*	*11/13/21 13:00*	*11/16/21 12:20*	*1*
Toluene-d8 (Surr)	*103*		*71 - 125*	*11/13/21 13:00*	*11/16/21 12:20*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*11/13/21 13:00*	*11/16/21 12:20*	*1*

Client Sample ID: SOH-SB-22(22-23)
Lab Sample ID: 480-192393-2
Date Collected: 11/12/21 08:45
Matrix: Solid
Date Received: 11/13/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**16500**		1000	815	mg/Kg			11/22/21 20:33	1

Client Sample ID: SOH-SB-22(22-23)
Lab Sample ID: 480-192393-2
Date Collected: 11/12/21 08:45
Matrix: Solid
Date Received: 11/13/21 10:00
Percent Solids: 90.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**0.59**	**J**	4.2	0.30	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
1,1,2,2-Tetrachloroethane	ND		4.2	0.67	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.2	0.95	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
1,1,2-Trichloroethane	ND		4.2	0.54	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
1,1-Dichloroethane	**0.86**	**J**	4.2	0.51	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
1,1-Dichloroethene	ND		4.2	0.51	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
1,2,4-Trichlorobenzene	ND		4.2	0.25	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
1,2-Dibromo-3-Chloropropane	ND		4.2	2.1	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
1,2-Dichlorobenzene	ND		4.2	0.33	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
1,2-Dichloroethane	ND		4.2	0.21	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
1,2-Dichloropropane	ND		4.2	2.1	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
1,3-Dichlorobenzene	ND		4.2	0.21	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
1,4-Dichlorobenzene	ND		4.2	0.58	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
2-Butanone (MEK)	ND		21	1.5	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
2-Hexanone	ND		21	2.1	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
4-Methyl-2-pentanone (MIBK)	ND		21	1.4	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
Acetone	**4.5**	**J**	21	3.5	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
Benzene	ND		4.2	0.20	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
Bromoform	ND		4.2	2.1	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
Bromomethane	ND		4.2	0.37	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
Carbon disulfide	ND		4.2	2.1	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1

Client Sample ID: SOH-SB-22(22-23)
Lab Sample ID: 480-192393-2

Date Collected: 11/12/21 08:45
Matrix: Solid
Date Received: 11/13/21 10:00
Percent Solids: 90.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		4.2	0.40	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
Chlorobenzene	ND		4.2	0.55	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
Dibromochloromethane	ND		4.2	0.53	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
Chloroethane	ND		4.2	0.94	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
Chloroform	ND		4.2	0.26	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
Chloromethane	ND		4.2	0.25	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
cis-1,2-Dichloroethene	**0.85**	**J**	4.2	0.53	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
Cyclohexane	ND		4.2	0.58	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
Bromodichloromethane	ND		4.2	0.56	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
Dichlorodifluoromethane	ND		4.2	0.34	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
Ethylbenzene	ND		4.2	0.29	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
1,2-Dibromoethane	ND		4.2	0.53	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
Isopropylbenzene	ND		4.2	0.63	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
Methyl acetate	ND		21	2.5	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
Methyl tert-butyl ether	ND		4.2	0.41	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
Methylcyclohexane	ND		4.2	0.63	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
Methylene Chloride	ND		4.2	1.9	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
Tetrachloroethene	ND		4.2	0.56	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
Toluene	ND		4.2	0.31	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
trans-1,2-Dichloroethene	ND		4.2	0.43	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
trans-1,3-Dichloropropene	ND		4.2	1.8	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
Trichloroethene	ND		4.2	0.91	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
Trichlorofluoromethane	ND		4.2	0.39	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
Vinyl chloride	ND		4.2	0.51	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
Xylenes, Total	ND		8.3	0.70	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
cis-1,3-Dichloropropene	ND		4.2	0.60	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1
Styrene	ND		4.2	0.21	ug/Kg	☼	11/13/21 13:00	11/16/21 12:45	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*11/13/21 13:00*	*11/16/21 12:45*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*64 - 126*	*11/13/21 13:00*	*11/16/21 12:45*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 126*	*11/13/21 13:00*	*11/16/21 12:45*	*1*
Toluene-d8 (Surr)	*104*		*71 - 125*	*11/13/21 13:00*	*11/16/21 12:45*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*	*11/13/21 13:00*	*11/16/21 12:45*	*1*

Client Sample ID: SOH-SB-22(27-28)
Lab Sample ID: 480-192393-3

Date Collected: 11/12/21 08:50
Matrix: Solid
Date Received: 11/13/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**6060**		1000	815	mg/Kg			11/22/21 20:37	1

Client Sample ID: SOH-SB-22(27-28)
Date Collected: 11/12/21 08:50
Date Received: 11/13/21 10:00

Lab Sample ID: 480-192393-3
Matrix: Solid
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**4.0**		3.7	0.27	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
1,1,2,2-Tetrachloroethane	ND		3.7	0.59	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.7	0.84	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
1,1,2-Trichloroethane	ND		3.7	0.48	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
1,1-Dichloroethane	**3.4**	**J**	3.7	0.45	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
1,1-Dichloroethene	ND		3.7	0.45	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
1,2,4-Trichlorobenzene	ND		3.7	0.22	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
1,2-Dibromo-3-Chloropropane	ND		3.7	1.8	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
1,2-Dichlorobenzene	ND		3.7	0.29	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
1,2-Dichloroethane	ND		3.7	0.18	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
1,2-Dichloropropane	ND		3.7	1.8	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
1,3-Dichlorobenzene	ND		3.7	0.19	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
1,4-Dichlorobenzene	ND		3.7	0.51	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
2-Butanone (MEK)	ND		18	1.3	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
2-Hexanone	ND		18	1.8	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
4-Methyl-2-pentanone (MIBK)	ND		18	1.2	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
Acetone	**6.0**	**J**	18	3.1	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
Benzene	**0.20**	**J**	3.7	0.18	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
Bromoform	ND		3.7	1.8	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
Bromomethane	ND		3.7	0.33	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
Carbon disulfide	ND		3.7	1.8	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
Carbon tetrachloride	ND		3.7	0.35	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
Chlorobenzene	ND		3.7	0.48	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
Dibromochloromethane	ND		3.7	0.47	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
Chloroethane	ND		3.7	0.83	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
Chloroform	ND		3.7	0.23	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
Chloromethane	ND		3.7	0.22	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
cis-1,2-Dichloroethene	**3.5**	**J**	3.7	0.47	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
Cyclohexane	ND		3.7	0.51	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
Bromodichloromethane	ND		3.7	0.49	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
Dichlorodifluoromethane	ND		3.7	0.30	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
Ethylbenzene	ND		3.7	0.25	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
1,2-Dibromoethane	ND		3.7	0.47	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
Isopropylbenzene	ND		3.7	0.55	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
Methyl acetate	ND		18	2.2	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
Methyl tert-butyl ether	ND		3.7	0.36	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
Methylcyclohexane	ND		3.7	0.56	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
Methylene Chloride	ND		3.7	1.7	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
Tetrachloroethene	ND		3.7	0.49	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
Toluene	ND		3.7	0.28	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
trans-1,2-Dichloroethene	ND		3.7	0.38	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
trans-1,3-Dichloropropene	ND		3.7	1.6	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
Trichloroethene	**2.3**	**J**	3.7	0.81	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
Trichlorofluoromethane	ND		3.7	0.35	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
Vinyl chloride	ND		3.7	0.45	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
Xylenes, Total	ND		7.3	0.62	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
cis-1,3-Dichloropropene	ND		3.7	0.53	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1
Styrene	ND		3.7	0.18	ug/Kg	☼	11/13/21 13:00	11/16/21 13:09	1

Client Sample ID: SOH-SB-22(27-28)
Lab Sample ID: 480-192393-3
Date Collected: 11/12/21 08:50
Matrix: Solid
Date Received: 11/13/21 10:00
Percent Solids: 93.8

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼			11/13/21 13:00	11/16/21 13:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		64 - 126	11/13/21 13:00	11/16/21 13:09	1
4-Bromofluorobenzene (Surr)	93		72 - 126	11/13/21 13:00	11/16/21 13:09	1
Toluene-d8 (Surr)	103		71 - 125	11/13/21 13:00	11/16/21 13:09	1
Dibromofluoromethane (Surr)	102		60 - 140	11/13/21 13:00	11/16/21 13:09	1

Client Sample ID: SOH-SB-18(6-7)
Lab Sample ID: 480-192393-4
Date Collected: 11/12/21 10:40
Matrix: Solid
Date Received: 11/13/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	4530		1000	815	mg/Kg			11/22/21 20:42	1

Client Sample ID: SOH-SB-18(6-7)
Lab Sample ID: 480-192393-4
Date Collected: 11/12/21 10:40
Matrix: Solid
Date Received: 11/13/21 10:00
Percent Solids: 93.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	12	*3	3.6	0.26	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
1,1,2,2-Tetrachloroethane	ND	*3	3.6	0.58	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*3	3.6	0.82	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
1,1,2-Trichloroethane	ND	*3	3.6	0.47	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
1,1-Dichloroethane	9.8	*3	3.6	0.44	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
1,1-Dichloroethene	ND	*3	3.6	0.44	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
1,2,4-Trichlorobenzene	ND	*3	3.6	0.22	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
1,2-Dibromo-3-Chloropropane	ND	*3	3.6	1.8	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
1,2-Dichlorobenzene	ND	*3	3.6	0.28	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
1,2-Dichloroethane	ND	*3	3.6	0.18	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
1,2-Dichloropropane	ND	*3	3.6	1.8	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
1,3-Dichlorobenzene	ND	*3	3.6	0.18	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
1,4-Dichlorobenzene	ND	*3	3.6	0.50	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
2-Butanone (MEK)	ND	*3	18	1.3	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
2-Hexanone	ND	*3	18	1.8	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
4-Methyl-2-pentanone (MIBK)	ND	*3	18	1.2	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
Acetone	ND	*3	18	3.0	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
Benzene	ND	*3	3.6	0.18	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
Bromoform	ND	*3	3.6	1.8	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
Bromomethane	ND	*3	3.6	0.32	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
Carbon disulfide	ND	*3	3.6	1.8	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
Carbon tetrachloride	ND	*3	3.6	0.35	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
Chlorobenzene	ND	*3	3.6	0.47	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
Dibromochloromethane	ND	*3	3.6	0.46	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
Chloroethane	ND	*3	3.6	0.81	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
Chloroform	ND	*3	3.6	0.22	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
Chloromethane	ND	*3	3.6	0.22	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
cis-1,2-Dichloroethene	13	*3	3.6	0.46	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
Cyclohexane	ND	*3	3.6	0.50	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1

Client Sample ID: SOH-SB-18(6-7)
Lab Sample ID: 480-192393-4
Date Collected: 11/12/21 10:40
Matrix: Solid
Date Received: 11/13/21 10:00
Percent Solids: 93.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND	*3	3.6	0.48	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
Dichlorodifluoromethane	ND	*3	3.6	0.30	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
Ethylbenzene	ND	*3	3.6	0.25	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
1,2-Dibromoethane	ND	*3	3.6	0.46	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
Isopropylbenzene	ND	*3	3.6	0.54	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
Methyl acetate	ND	*3	18	2.2	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
Methyl tert-butyl ether	ND	*3	3.6	0.35	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
Methylcyclohexane	ND	*3	3.6	0.55	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
Methylene Chloride	**2.2**	**J *3**	3.6	1.7	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
Tetrachloroethene	ND	*3	3.6	0.48	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
Toluene	ND	*3	3.6	0.27	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
trans-1,2-Dichloroethene	ND	*3	3.6	0.37	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
trans-1,3-Dichloropropene	ND	*3	3.6	1.6	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
Trichloroethene	**14**	***3**	3.6	0.79	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
Trichlorofluoromethane	ND	*3	3.6	0.34	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
Vinyl chloride	ND	*3	3.6	0.44	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
Xylenes, Total	ND		7.2	0.60	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
cis-1,3-Dichloropropene	ND	*3	3.6	0.52	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1
Styrene	ND	*3	3.6	0.18	ug/Kg	☼	11/13/21 13:00	11/16/21 19:49	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*7.6*	*T J*	*ug/Kg*	☼	*2.84*		*11/13/21 13:00*	*11/16/21 19:49*	*1*
Unknown	*8.3*	*T J*	*ug/Kg*	☼	*3.68*		*11/13/21 13:00*	*11/16/21 19:49*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*	**3*	*64 - 126*	*11/13/21 13:00*	*11/16/21 19:49*	*1*
4-Bromofluorobenzene (Surr)	*93*	**3*	*72 - 126*	*11/13/21 13:00*	*11/16/21 19:49*	*1*
Toluene-d8 (Surr)	*92*	**3*	*71 - 125*	*11/13/21 13:00*	*11/16/21 19:49*	*1*
Dibromofluoromethane (Surr)	*105*	**3*	*60 - 140*	*11/13/21 13:00*	*11/16/21 19:49*	*1*

Client Sample ID: SOH-SB-18(14-15)
Lab Sample ID: 480-192393-5
Date Collected: 11/12/21 10:45
Matrix: Solid
Date Received: 11/13/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**6350**		1000	815	mg/Kg			11/22/21 20:54	1

Client Sample ID: SOH-SB-18(14-15)
Lab Sample ID: 480-192393-5
Date Collected: 11/12/21 10:45
Matrix: Solid
Date Received: 11/13/21 10:00
Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**3.7**	**J**	5.2	0.38	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
1,1,2,2-Tetrachloroethane	ND		5.2	0.85	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.2	1.2	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
1,1,2-Trichloroethane	ND		5.2	0.68	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
1,1-Dichloroethane	**4.1**	**J**	5.2	0.64	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
1,1-Dichloroethene	ND		5.2	0.64	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
1,2,4-Trichlorobenzene	ND		5.2	0.32	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1

Client Sample ID: SOH-SB-18(14-15)
Lab Sample ID: 480-192393-5

Date Collected: 11/12/21 10:45
Matrix: Solid

Date Received: 11/13/21 10:00
Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		5.2	2.6	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
1,2-Dichlorobenzene	ND		5.2	0.41	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
1,2-Dichloroethane	ND		5.2	0.26	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
1,2-Dichloropropane	ND		5.2	2.6	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
1,3-Dichlorobenzene	ND		5.2	0.27	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
1,4-Dichlorobenzene	ND		5.2	0.73	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
2-Butanone (MEK)	ND		26	1.9	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
2-Hexanone	ND		26	2.6	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
4-Methyl-2-pentanone (MIBK)	ND		26	1.7	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
Acetone	ND		26	4.4	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
Benzene	ND		5.2	0.26	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
Bromoform	ND		5.2	2.6	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
Bromomethane	ND		5.2	0.47	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
Carbon disulfide	ND		5.2	2.6	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
Carbon tetrachloride	ND		5.2	0.51	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
Chlorobenzene	ND		5.2	0.69	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
Dibromochloromethane	ND		5.2	0.67	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
Chloroethane	ND		5.2	1.2	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
Chloroform	ND		5.2	0.32	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
Chloromethane	ND		5.2	0.32	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
cis-1,2-Dichloroethene	**4.7**	**J**	5.2	0.67	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
Cyclohexane	ND		5.2	0.73	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
Bromodichloromethane	ND		5.2	0.70	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
Dichlorodifluoromethane	ND		5.2	0.43	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
Ethylbenzene	ND		5.2	0.36	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
1,2-Dibromoethane	ND		5.2	0.67	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
Isopropylbenzene	ND		5.2	0.79	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
Methyl acetate	ND		26	3.2	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
Methyl tert-butyl ether	ND		5.2	0.51	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
Methylcyclohexane	ND		5.2	0.79	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
Methylene Chloride	ND		5.2	2.4	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
Tetrachloroethene	ND		5.2	0.70	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
Toluene	ND		5.2	0.40	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
trans-1,2-Dichloroethene	ND		5.2	0.54	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
trans-1,3-Dichloropropene	ND		5.2	2.3	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
Trichloroethene	**3.6**	**J**	5.2	1.2	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
Trichlorofluoromethane	ND		5.2	0.49	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
Vinyl chloride	ND		5.2	0.64	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
Xylenes, Total	ND		10	0.88	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
cis-1,3-Dichloropropene	ND		5.2	0.75	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1
Styrene	ND		5.2	0.26	ug/Kg	☼	11/13/21 13:00	11/16/21 13:59	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*11/13/21 13:00*	*11/16/21 13:59*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 126*	*11/13/21 13:00*	*11/16/21 13:59*	*1*
4-Bromofluorobenzene (Surr)	*97*		*72 - 126*	*11/13/21 13:00*	*11/16/21 13:59*	*1*
Toluene-d8 (Surr)	*102*		*71 - 125*	*11/13/21 13:00*	*11/16/21 13:59*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*11/13/21 13:00*	*11/16/21 13:59*	*1*

Client Sample ID: SOH-SB-18(20-21)
Lab Sample ID: 480-192393-6
Date Collected: 11/12/21 10:55
Matrix: Solid
Date Received: 11/13/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**13600**		1000	815	mg/Kg			11/22/21 20:59	1

Client Sample ID: SOH-SB-18(20-21)
Lab Sample ID: 480-192393-6
Date Collected: 11/12/21 10:55
Matrix: Solid
Date Received: 11/13/21 10:00
Percent Solids: 92.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**9.1**	**F1**	5.0	0.36	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
1,1,2,2-Tetrachloroethane	ND	F1	5.0	0.81	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
1,1-Dichloroethane	**11**	**F1**	5.0	0.61	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
1,2,4-Trichlorobenzene	ND	F1 F2	5.0	0.30	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
1,2-Dichlorobenzene	ND	F1	5.0	0.39	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
1,3-Dichlorobenzene	ND	F1	5.0	0.26	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
1,4-Dichlorobenzene	ND	F1	5.0	0.70	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
2-Butanone (MEK)	ND	F1	25	1.8	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
2-Hexanone	ND		25	2.5	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
Acetone	**17**	**J F1**	25	4.2	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
Benzene	ND		5.0	0.25	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
Bromoform	ND		5.0	2.5	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
Bromomethane	ND		5.0	0.45	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
Carbon disulfide	ND		5.0	2.5	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
Chlorobenzene	ND		5.0	0.66	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
Chloroethane	ND		5.0	1.1	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
Chloroform	ND		5.0	0.31	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
Chloromethane	ND		5.0	0.30	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
cis-1,2-Dichloroethene	**15**	**F1**	5.0	0.64	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
Cyclohexane	ND		5.0	0.70	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
Ethylbenzene	ND		5.0	0.35	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
1,2-Dibromoethane	ND	F1	5.0	0.64	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
Methyl acetate	ND		25	3.0	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
Methylene Chloride	ND		5.0	2.3	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
Toluene	ND		5.0	0.38	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1

Client Sample ID: SOH-SB-18(20-21)
Lab Sample ID: 480-192393-6
Date Collected: 11/12/21 10:55
Matrix: Solid
Date Received: 11/13/21 10:00
Percent Solids: 92.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**9.0**	**F1**	5.0	1.1	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
Vinyl chloride	ND		5.0	0.61	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
Xylenes, Total	ND		10	0.84	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
cis-1,3-Dichloropropene	ND	F1	5.0	0.72	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1
Styrene	ND	F1	5.0	0.25	ug/Kg	☼	11/13/21 13:00	11/16/21 14:23	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*11/13/21 13:00*	*11/16/21 14:23*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*	*11/13/21 13:00*	*11/16/21 14:23*	*1*
4-Bromofluorobenzene (Surr)	*91*		*72 - 126*	*11/13/21 13:00*	*11/16/21 14:23*	*1*
Toluene-d8 (Surr)	*108*		*71 - 125*	*11/13/21 13:00*	*11/16/21 14:23*	*1*
Dibromofluoromethane (Surr)	*99*		*60 - 140*	*11/13/21 13:00*	*11/16/21 14:23*	*1*

Client Sample ID: SOH-SB-09(28-29)
Lab Sample ID: 480-192393-7
Date Collected: 11/12/21 14:00
Matrix: Solid
Date Received: 11/13/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**2760**		1000	815	mg/Kg			11/22/21 21:11	1

Client Sample ID: SOH-SB-09(28-29)
Lab Sample ID: 480-192393-7
Date Collected: 11/12/21 14:00
Matrix: Solid
Date Received: 11/13/21 10:00
Percent Solids: 89.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**140**		4.2	0.30	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
1,1,2,2-Tetrachloroethane	ND		4.2	0.67	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.2	0.95	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
1,1,2-Trichloroethane	ND		4.2	0.54	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
1,1-Dichloroethane	**55**		4.2	0.51	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
1,1-Dichloroethene	**4.7**		4.2	0.51	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
1,2,4-Trichlorobenzene	ND		4.2	0.25	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
1,2-Dibromo-3-Chloropropane	ND		4.2	2.1	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
1,2-Dichlorobenzene	ND		4.2	0.33	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
1,2-Dichloroethane	ND		4.2	0.21	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
1,2-Dichloropropane	ND		4.2	2.1	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
1,3-Dichlorobenzene	ND		4.2	0.21	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
1,4-Dichlorobenzene	ND		4.2	0.58	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
2-Butanone (MEK)	ND		21	1.5	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
2-Hexanone	ND		21	2.1	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
4-Methyl-2-pentanone (MIBK)	ND		21	1.4	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
Acetone	**16**	**J**	21	3.5	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
Benzene	ND		4.2	0.20	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
Bromoform	ND		4.2	2.1	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
Bromomethane	ND		4.2	0.37	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
Carbon disulfide	ND		4.2	2.1	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1

Client Sample ID: SOH-SB-09(28-29)
Date Collected: 11/12/21 14:00
Date Received: 11/13/21 10:00

Lab Sample ID: 480-192393-7
Matrix: Solid
Percent Solids: 89.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		4.2	0.40	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
Chlorobenzene	ND		4.2	0.55	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
Dibromochloromethane	ND		4.2	0.53	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
Chloroethane	ND		4.2	0.94	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
Chloroform	ND		4.2	0.26	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
Chloromethane	ND		4.2	0.25	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
cis-1,2-Dichloroethene	**660**	**E**	4.2	0.53	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
Cyclohexane	ND		4.2	0.58	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
Bromodichloromethane	ND		4.2	0.56	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
Dichlorodifluoromethane	ND		4.2	0.34	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
Ethylbenzene	**0.30**	**J**	4.2	0.29	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
1,2-Dibromoethane	ND		4.2	0.53	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
Isopropylbenzene	ND		4.2	0.63	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
Methyl acetate	ND		21	2.5	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
Methyl tert-butyl ether	ND		4.2	0.41	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
Methylcyclohexane	ND		4.2	0.63	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
Methylene Chloride	**5.0**		4.2	1.9	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
Tetrachloroethene	**18**		4.2	0.56	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
Toluene	**1.9**	**J**	4.2	0.31	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
trans-1,2-Dichloroethene	**2.5**	**J**	4.2	0.43	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
trans-1,3-Dichloropropene	ND		4.2	1.8	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
Trichloroethene	**2200**	**E**	4.2	0.91	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
Trichlorofluoromethane	ND		4.2	0.39	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
Vinyl chloride	**10**		4.2	0.51	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
Xylenes, Total	**2.3**	**J**	8.3	0.70	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
cis-1,3-Dichloropropene	ND		4.2	0.60	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1
Styrene	ND		4.2	0.21	ug/Kg	☼	11/13/21 13:00	11/16/21 14:48	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*6.1*	*T J*	*ug/Kg*	☼	*10.95*		*11/13/21 13:00*	*11/16/21 14:48*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 126*	*11/13/21 13:00*	*11/16/21 14:48*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 126*	*11/13/21 13:00*	*11/16/21 14:48*	*1*
Toluene-d8 (Surr)	*107*		*71 - 125*	*11/13/21 13:00*	*11/16/21 14:48*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*11/13/21 13:00*	*11/16/21 14:48*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**1100**		360	100	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
1,1,2,2-Tetrachloroethane	ND		360	59	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		360	180	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
1,1,2-Trichloroethane	ND		360	77	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
1,1-Dichloroethane	**330**	**J**	360	110	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
1,1-Dichloroethene	ND		360	130	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
1,2,4-Trichlorobenzene	ND		360	140	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
1,2-Dibromo-3-Chloropropane	ND		360	180	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
1,2-Dichlorobenzene	ND		360	93	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
1,2-Dichloroethane	ND		360	150	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
1,2-Dichloropropane	ND		360	59	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4

Client Sample ID: SOH-SB-09(28-29)
Date Collected: 11/12/21 14:00
Date Received: 11/13/21 10:00

Lab Sample ID: 480-192393-7
Matrix: Solid
Percent Solids: 89.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		360	97	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
1,4-Dichlorobenzene	ND		360	51	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
2-Butanone (MEK)	ND		1800	1100	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
2-Hexanone	ND		1800	750	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
4-Methyl-2-pentanone (MIBK)	ND		1800	120	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
Acetone	ND		1800	1500	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
Benzene	ND		360	69	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
Bromoform	ND		360	180	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
Bromomethane	ND		360	80	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
Carbon disulfide	ND		360	170	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
Carbon tetrachloride	ND		360	93	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
Chlorobenzene	ND		360	48	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
Dibromochloromethane	ND		360	180	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
Chloroethane	ND		360	76	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
Chloroform	ND		360	250	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
Chloromethane	ND		360	87	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
cis-1,2-Dichloroethene	**3300**		360	100	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
Cyclohexane	ND		360	81	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
Bromodichloromethane	ND		360	73	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
Dichlorodifluoromethane	ND		360	160	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
Ethylbenzene	ND		360	110	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
1,2-Dibromoethane	ND		360	64	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
Isopropylbenzene	ND		360	55	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
Methyl acetate	ND		1800	170	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
Methyl tert-butyl ether	ND		360	140	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
Methylcyclohexane	ND		360	170	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
Methylene Chloride	ND		360	72	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
Tetrachloroethene	**290**	**J**	360	49	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
Toluene	ND		360	98	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
trans-1,2-Dichloroethene	ND		360	86	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
trans-1,3-Dichloropropene	ND		360	36	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
Trichloroethene	**20000**		360	100	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
Trichlorofluoromethane	ND		360	170	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
Vinyl chloride	ND	*+	360	120	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
Xylenes, Total	ND		730	200	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
cis-1,3-Dichloropropene	ND		360	87	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4
Styrene	ND		360	88	ug/Kg	☼	11/21/21 22:34	11/22/21 12:29	4

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1400*	*T J*	*ug/Kg*	☼	*1.80*		*11/21/21 22:34*	*11/22/21 12:29*	*4*
column bleed	*4000*	*T J*	*ug/Kg*	☼	*9.70*		*11/21/21 22:34*	*11/22/21 12:29*	*4*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*53 - 146*	*11/21/21 22:34*	*11/22/21 12:29*	*4*
4-Bromofluorobenzene (Surr)	*97*		*49 - 148*	*11/21/21 22:34*	*11/22/21 12:29*	*4*
Toluene-d8 (Surr)	*96*		*50 - 149*	*11/21/21 22:34*	*11/22/21 12:29*	*4*
Dibromofluoromethane (Surr)	*98*		*60 - 140*	*11/21/21 22:34*	*11/22/21 12:29*	*4*

Client Sample ID: SOH-SB-09(22-23)
Lab Sample ID: 480-192393-8
Date Collected: 11/12/21 14:05
Matrix: Solid
Date Received: 11/13/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**12200**		1000	815	mg/Kg			11/22/21 21:16	1

Client Sample ID: SOH-SB-09(22-23)
Lab Sample ID: 480-192393-8
Date Collected: 11/12/21 14:05
Matrix: Solid
Date Received: 11/13/21 10:00
Percent Solids: 89.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**690**	**E**	4.6	0.33	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
1,1,2,2-Tetrachloroethane	ND		4.6	0.74	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**5.7**		4.6	1.0	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
1,1,2-Trichloroethane	**1.2**	**J**	4.6	0.60	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
1,1-Dichloroethane	**1300**	**E**	4.6	0.56	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
1,1-Dichloroethene	**42**		4.6	0.56	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
1,2,4-Trichlorobenzene	ND		4.6	0.28	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
1,2-Dibromo-3-Chloropropane	ND		4.6	2.3	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
1,2-Dichlorobenzene	ND		4.6	0.36	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
1,2-Dichloroethane	**2.2**	**J**	4.6	0.23	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
1,2-Dichloropropane	ND		4.6	2.3	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
1,3-Dichlorobenzene	ND		4.6	0.24	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
1,4-Dichlorobenzene	ND		4.6	0.64	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
2-Butanone (MEK)	**26**		23	1.7	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
2-Hexanone	ND		23	2.3	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
4-Methyl-2-pentanone (MIBK)	**2.6**	**J**	23	1.5	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
Acetone	**93**		23	3.9	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
Benzene	**0.31**	**J**	4.6	0.22	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
Bromoform	ND		4.6	2.3	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
Bromomethane	ND		4.6	0.41	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
Carbon disulfide	**8.9**		4.6	2.3	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
Carbon tetrachloride	ND		4.6	0.44	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
Chlorobenzene	ND		4.6	0.60	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
Dibromochloromethane	ND		4.6	0.59	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
Chloroethane	**21**		4.6	1.0	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
Chloroform	ND		4.6	0.28	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
Chloromethane	ND		4.6	0.28	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
cis-1,2-Dichloroethene	**2200**	**E**	4.6	0.59	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
Cyclohexane	ND		4.6	0.64	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
Bromodichloromethane	ND		4.6	0.61	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
Dichlorodifluoromethane	ND		4.6	0.38	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
Ethylbenzene	**0.42**	**J**	4.6	0.32	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
1,2-Dibromoethane	ND		4.6	0.59	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
Isopropylbenzene	ND		4.6	0.69	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
Methyl acetate	ND		23	2.8	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
Methyl tert-butyl ether	ND		4.6	0.45	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
Methylcyclohexane	ND		4.6	0.70	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
Methylene Chloride	**480**	**E**	4.6	2.1	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
Tetrachloroethene	**12**		4.6	0.61	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
Toluene	**9.9**		4.6	0.35	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
trans-1,2-Dichloroethene	**6.9**		4.6	0.47	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1

Client Sample ID: SOH-SB-09(22-23)
Date Collected: 11/12/21 14:05
Date Received: 11/13/21 10:00

Lab Sample ID: 480-192393-8
Matrix: Solid
Percent Solids: 89.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		4.6	2.0	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
Trichloroethene	**2700**	**E**	4.6	1.0	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
Trichlorofluoromethane	ND		4.6	0.43	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
Vinyl chloride	**19**		4.6	0.56	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
Xylenes, Total	**1.1**	**J**	9.2	0.77	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
cis-1,3-Dichloropropene	ND		4.6	0.66	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1
Styrene	ND		4.6	0.23	ug/Kg	☼	11/13/21 13:00	11/16/21 15:13	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*26*	*T J*	*ug/Kg*	☼	*10.94*		*11/13/21 13:00*	*11/16/21 15:13*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*64 - 126*	*11/13/21 13:00*	*11/16/21 15:13*	*1*
4-Bromofluorobenzene (Surr)	*92*		*72 - 126*	*11/13/21 13:00*	*11/16/21 15:13*	*1*
Toluene-d8 (Surr)	*107*		*71 - 125*	*11/13/21 13:00*	*11/16/21 15:13*	*1*
Dibromofluoromethane (Surr)	*106*		*60 - 140*	*11/13/21 13:00*	*11/16/21 15:13*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**10000**		620	170	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
1,1,2,2-Tetrachloroethane	ND		620	100	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		620	310	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
1,1,2-Trichloroethane	ND		620	130	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
1,1-Dichloroethane	**7900**		620	190	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
1,1-Dichloroethene	**630**		620	210	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
1,2,4-Trichlorobenzene	ND		620	240	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
1,2-Dibromo-3-Chloropropane	ND		620	310	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
1,2-Dichlorobenzene	ND		620	160	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
1,2-Dichloroethane	ND		620	250	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
1,2-Dichloropropane	ND		620	100	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
1,3-Dichlorobenzene	ND		620	170	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
1,4-Dichlorobenzene	ND		620	87	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
2-Butanone (MEK)	ND		3100	1800	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
2-Hexanone	ND		3100	1300	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
4-Methyl-2-pentanone (MIBK)	ND		3100	200	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
Acetone	ND		3100	2500	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
Benzene	ND		620	120	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
Bromoform	ND		620	310	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
Bromomethane	ND		620	140	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
Carbon disulfide	ND		620	280	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
Carbon tetrachloride	ND		620	160	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
Chlorobenzene	ND		620	82	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
Dibromochloromethane	ND		620	300	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
Chloroethane	ND		620	130	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
Chloroform	ND		620	430	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
Chloromethane	ND		620	150	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
cis-1,2-Dichloroethene	**13000**		620	170	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
Cyclohexane	ND		620	140	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
Bromodichloromethane	ND		620	120	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
Dichlorodifluoromethane	ND		620	270	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8

Client Sample ID: SOH-SB-09(22-23)
Lab Sample ID: 480-192393-8
Date Collected: 11/12/21 14:05
Matrix: Solid
Date Received: 11/13/21 10:00
Percent Solids: 89.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		620	180	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
1,2-Dibromoethane	ND		620	110	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
Isopropylbenzene	ND		620	93	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
Methyl acetate	ND		3100	300	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
Methyl tert-butyl ether	ND		620	230	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
Methylcyclohexane	ND		620	290	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
Methylene Chloride	ND		620	120	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
Tetrachloroethene	**240**	**J**	620	83	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
Toluene	**170**	**J**	620	170	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
trans-1,2-Dichloroethene	ND		620	150	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
trans-1,3-Dichloropropene	ND		620	61	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
Trichloroethene	**30000**		620	170	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
Trichlorofluoromethane	ND		620	290	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
Vinyl chloride	ND	*+	620	210	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
Xylenes, Total	ND		1200	340	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
cis-1,3-Dichloropropene	ND		620	150	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8
Styrene	ND		620	150	ug/Kg	☼	11/21/21 22:34	11/22/21 12:52	8

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1800*	*T J*	*ug/Kg*	☼	*3.11*		*11/21/21 22:34*	*11/22/21 12:52*	*8*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*53 - 146*	*11/21/21 22:34*	*11/22/21 12:52*	*8*
4-Bromofluorobenzene (Surr)	*99*		*49 - 148*	*11/21/21 22:34*	*11/22/21 12:52*	*8*
Toluene-d8 (Surr)	*99*		*50 - 149*	*11/21/21 22:34*	*11/22/21 12:52*	*8*
Dibromofluoromethane (Surr)	*95*		*60 - 140*	*11/21/21 22:34*	*11/22/21 12:52*	*8*

Client Sample ID: SOH-SB-10 (2-3)
Lab Sample ID: 480-192428-1
Date Collected: 11/11/21 10:20
Matrix: Solid
Date Received: 11/16/21 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**5900**		1000	815	mg/Kg			11/22/21 20:08	1

Client Sample ID: SOH-SB-10 (2-3)
Lab Sample ID: 480-192428-1
Date Collected: 11/11/21 10:20
Matrix: Solid
Date Received: 11/16/21 08:00
Percent Solids: 77.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**1.5**	**J H H3**	5.3	0.39	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
1,1,2,2-Tetrachloroethane	ND	H H3	5.3	0.87	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**5.1**	**J H H3**	5.3	1.2	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
1,1,2-Trichloroethane	ND	H H3	5.3	0.69	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
1,1-Dichloroethane	**59**	**H H3**	5.3	0.65	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
1,1-Dichloroethene	**110**	**H H3**	5.3	0.65	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
1,2,4-Trichlorobenzene	ND	H H3	5.3	0.33	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
1,2-Dibromo-3-Chloropropane	ND	H H3	5.3	2.7	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
1,2-Dichlorobenzene	ND	H H3	5.3	0.42	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1

Client Sample ID: SOH-SB-10 (2-3)
Date Collected: 11/11/21 10:20
Date Received: 11/16/21 08:00

Lab Sample ID: 480-192428-1
Matrix: Solid
Percent Solids: 77.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND	H H3	5.3	0.27	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
1,2-Dichloropropane	ND	H H3	5.3	2.7	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
1,3-Dichlorobenzene	ND	H H3	5.3	0.27	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
1,4-Dichlorobenzene	ND	H H3	5.3	0.75	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
2-Butanone (MEK)	**13**	**J H H3**	27	2.0	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
2-Hexanone	ND	H H3	27	2.7	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
4-Methyl-2-pentanone (MIBK)	ND	H H3	27	1.8	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
Acetone	**68**	**H H3**	27	4.5	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
Benzene	ND	H H3	5.3	0.26	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
Bromoform	ND	H H3	5.3	2.7	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
Bromomethane	ND	H H3	5.3	0.48	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
Carbon disulfide	ND	H H3	5.3	2.7	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
Carbon tetrachloride	ND	H H3	5.3	0.52	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
Chlorobenzene	ND	H H3	5.3	0.71	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
Dibromochloromethane	ND	H H3	5.3	0.68	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
Chloroethane	ND	H H3	5.3	1.2	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
Chloroform	ND	H H3	5.3	0.33	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
Chloromethane	ND	H H3	5.3	0.32	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
cis-1,2-Dichloroethene	**27**	**H H3**	5.3	0.68	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
Cyclohexane	ND	H H3	5.3	0.75	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
Bromodichloromethane	ND	H H3	5.3	0.72	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
Dichlorodifluoromethane	ND	H H3	5.3	0.44	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
Ethylbenzene	ND	H H3	5.3	0.37	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
1,2-Dibromoethane	ND	H H3	5.3	0.69	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
Isopropylbenzene	ND	H H3	5.3	0.81	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
Methyl acetate	**43**	**H H3**	27	3.2	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
Methyl tert-butyl ether	ND	H H3	5.3	0.52	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
Methylcyclohexane	ND	H H3	5.3	0.81	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
Methylene Chloride	ND	H H3	5.3	2.5	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
Tetrachloroethene	ND	H H3	5.3	0.72	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
Toluene	ND	H H3	5.3	0.40	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
trans-1,2-Dichloroethene	**3.2**	**J H H3**	5.3	0.55	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
trans-1,3-Dichloropropene	ND	H H3	5.3	2.4	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
Trichloroethene	**89**	**H H3**	5.3	1.2	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
Trichlorofluoromethane	ND	H H3	5.3	0.51	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
Vinyl chloride	ND	H H3	5.3	0.65	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
Xylenes, Total	ND	H H3	11	0.90	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
cis-1,3-Dichloropropene	ND	H H3	5.3	0.77	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1
Styrene	ND	H H3	5.3	0.27	ug/Kg	☼	11/16/21 10:00	11/16/21 23:55	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*	*H H3*	*ug/Kg*	☼			*11/16/21 10:00*	*11/16/21 23:55*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*64 - 126*	*11/16/21 10:00*	*11/16/21 23:55*	*1*
4-Bromofluorobenzene (Surr)	*97*		*72 - 126*	*11/16/21 10:00*	*11/16/21 23:55*	*1*
Toluene-d8 (Surr)	*105*		*71 - 125*	*11/16/21 10:00*	*11/16/21 23:55*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*	*11/16/21 10:00*	*11/16/21 23:55*	*1*

Client Sample ID: SOH-SB-10 (21-22)
Lab Sample ID: 480-192428-2
Date Collected: 11/11/21 10:45
Matrix: Solid
Date Received: 11/16/21 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**34700**		1000	815	mg/Kg			11/22/21 20:12	1

Client Sample ID: SOH-SB-10 (21-22)
Lab Sample ID: 480-192428-2
Date Collected: 11/11/21 10:45
Matrix: Solid
Date Received: 11/16/21 08:00
Percent Solids: 85.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		220	60	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
1,1,2,2-Tetrachloroethane	ND		220	35	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		220	110	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
1,1,2-Trichloroethane	ND		220	46	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
1,1-Dichloroethane	**1100**		220	67	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
1,1-Dichloroethene	**270**		220	75	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
1,2,4-Trichlorobenzene	ND		220	82	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
1,2-Dibromo-3-Chloropropane	ND		220	110	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
1,2-Dichlorobenzene	ND		220	55	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
1,2-Dichloroethane	ND		220	89	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
1,2-Dichloropropane	ND		220	35	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
1,3-Dichlorobenzene	ND		220	58	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
1,4-Dichlorobenzene	ND		220	30	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
2-Butanone (MEK)	ND		1100	640	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
2-Hexanone	ND		1100	440	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
4-Methyl-2-pentanone (MIBK)	ND		1100	69	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
Acetone	ND		1100	890	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
Benzene	ND		220	41	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
Bromoform	ND		220	110	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
Bromomethane	ND		220	48	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
Carbon disulfide	ND		220	99	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
Carbon tetrachloride	ND		220	55	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
Chlorobenzene	ND		220	29	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
Dibromochloromethane	ND		220	100	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
Chloroethane	ND		220	45	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
Chloroform	ND		220	150	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
Chloromethane	ND		220	52	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
cis-1,2-Dichloroethene	**3000**		220	60	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
Cyclohexane	ND		220	48	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
Bromodichloromethane	ND		220	43	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
Dichlorodifluoromethane	ND		220	95	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
Ethylbenzene	ND		220	63	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
1,2-Dibromoethane	ND		220	38	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
Isopropylbenzene	ND		220	33	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
Methyl acetate	ND		1100	100	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
Methyl tert-butyl ether	ND		220	82	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
Methylcyclohexane	ND		220	100	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
Methylene Chloride	ND		220	43	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
Tetrachloroethene	ND		220	29	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
Toluene	ND		220	58	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
trans-1,2-Dichloroethene	ND		220	51	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
trans-1,3-Dichloropropene	ND		220	21	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2

Client Sample ID: SOH-SB-10 (21-22)
Lab Sample ID: 480-192428-2

Date Collected: 11/11/21 10:45
Matrix: Solid
Date Received: 11/16/21 08:00
Percent Solids: 85.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**8300**		220	60	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
Trichlorofluoromethane	ND		220	100	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
Vinyl chloride	ND	*+	220	73	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
Xylenes, Total	ND		430	120	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
cis-1,3-Dichloropropene	ND		220	52	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2
Styrene	ND		220	52	ug/Kg	☼	11/21/21 22:34	11/22/21 13:15	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
column bleed	*8000*	*T J*	*ug/Kg*	☼	*9.70*		*11/21/21 22:34*	*11/22/21 13:15*	*2*
Unknown	*610*	*T J*	*ug/Kg*	☼	*11.46*		*11/21/21 22:34*	*11/22/21 13:15*	*2*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*53 - 146*	*11/21/21 22:34*	*11/22/21 13:15*	*2*
4-Bromofluorobenzene (Surr)	*95*		*49 - 148*	*11/21/21 22:34*	*11/22/21 13:15*	*2*
Toluene-d8 (Surr)	*97*		*50 - 149*	*11/21/21 22:34*	*11/22/21 13:15*	*2*
Dibromofluoromethane (Surr)	*99*		*60 - 140*	*11/21/21 22:34*	*11/22/21 13:15*	*2*

Client Sample ID: SOH-SB-10 (25-26)
Lab Sample ID: 480-192428-3

Date Collected: 11/11/21 10:55
Matrix: Solid
Date Received: 11/16/21 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**17000**		1000	815	mg/Kg			11/22/21 20:16	1

Client Sample ID: SOH-SB-10 (25-26)
Lab Sample ID: 480-192428-3

Date Collected: 11/11/21 10:55
Matrix: Solid
Date Received: 11/16/21 08:00
Percent Solids: 88.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	H H3	3.9	0.28	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
1,1,2,2-Tetrachloroethane	ND	H H3	3.9	0.63	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	3.9	0.89	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
1,1,2-Trichloroethane	ND	H H3	3.9	0.51	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
1,1-Dichloroethane	ND	H H3	3.9	0.47	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
1,1-Dichloroethene	ND	H H3	3.9	0.48	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
1,2,4-Trichlorobenzene	ND	H H3	3.9	0.24	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
1,2-Dibromo-3-Chloropropane	ND	H H3	3.9	1.9	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
1,2-Dichlorobenzene	ND	H H3	3.9	0.30	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
1,2-Dichloroethane	ND	H H3	3.9	0.20	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
1,2-Dichloropropane	ND	H H3	3.9	1.9	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
1,3-Dichlorobenzene	ND	H H3	3.9	0.20	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
1,4-Dichlorobenzene	ND	H H3	3.9	0.54	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
2-Butanone (MEK)	ND	H H3	19	1.4	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
2-Hexanone	ND	H H3	19	1.9	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
4-Methyl-2-pentanone (MIBK)	ND	H H3	19	1.3	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
Acetone	**4.7**	**J H H3**	19	3.3	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
Benzene	ND	H H3	3.9	0.19	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
Bromoform	ND	H H3	3.9	1.9	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
Bromomethane	ND	H H3	3.9	0.35	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1

Client Sample ID: SOH-SB-10 (25-26)
Lab Sample ID: 480-192428-3

Date Collected: 11/11/21 10:55
Matrix: Solid
Date Received: 11/16/21 08:00
Percent Solids: 88.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND	H H3	3.9	1.9	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
Carbon tetrachloride	ND	H H3	3.9	0.38	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
Chlorobenzene	ND	H H3	3.9	0.51	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
Dibromochloromethane	ND	H H3	3.9	0.50	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
Chloroethane	ND	H H3	3.9	0.88	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
Chloroform	ND	H H3	3.9	0.24	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
Chloromethane	ND	H H3	3.9	0.24	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
cis-1,2-Dichloroethene	**1.6**	**J H H3**	3.9	0.50	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
Cyclohexane	ND	H H3	3.9	0.54	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
Bromodichloromethane	ND	H H3	3.9	0.52	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
Dichlorodifluoromethane	ND	H H3	3.9	0.32	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
Ethylbenzene	ND	H H3	3.9	0.27	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
1,2-Dibromoethane	ND	H H3	3.9	0.50	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
Isopropylbenzene	ND	H H3	3.9	0.59	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
Methyl acetate	ND	H H3	19	2.4	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
Methyl tert-butyl ether	ND	H H3	3.9	0.38	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
Methylcyclohexane	ND	H H3	3.9	0.59	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
Methylene Chloride	ND	H H3	3.9	1.8	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
Tetrachloroethene	ND	H H3	3.9	0.52	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
Toluene	ND	H H3	3.9	0.29	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
trans-1,2-Dichloroethene	ND	H H3	3.9	0.40	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
trans-1,3-Dichloropropene	ND	H H3	3.9	1.7	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
Trichloroethene	**1.3**	**J H H3**	3.9	0.86	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
Trichlorofluoromethane	ND	H H3	3.9	0.37	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
Vinyl chloride	ND	H H3	3.9	0.47	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
Xylenes, Total	ND	H H3	7.8	0.65	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
cis-1,3-Dichloropropene	ND	H H3	3.9	0.56	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1
Styrene	ND	H H3	3.9	0.19	ug/Kg	☼	11/16/21 10:00	11/17/21 00:44	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*	*H H3*	*ug/Kg*	☼			*11/16/21 10:00*	*11/17/21 00:44*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*64 - 126*	*11/16/21 10:00*	*11/17/21 00:44*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 126*	*11/16/21 10:00*	*11/17/21 00:44*	*1*
Toluene-d8 (Surr)	*104*		*71 - 125*	*11/16/21 10:00*	*11/17/21 00:44*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*	*11/16/21 10:00*	*11/17/21 00:44*	*1*

Client Sample ID: SOH-SB-09 (3-4)
Lab Sample ID: 480-192428-4

Date Collected: 11/11/21 11:30
Matrix: Solid
Date Received: 11/16/21 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**1610**		1000	815	mg/Kg			11/22/21 20:20	1

Client Sample ID: SOH-SB-09 (3-4)
Date Collected: 11/11/21 11:30
Date Received: 11/16/21 08:00

Lab Sample ID: 480-192428-4
Matrix: Solid
Percent Solids: 81.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**150**	**H H3**	4.5	0.32	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
1,1,2,2-Tetrachloroethane	ND	H H3	4.5	0.73	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**10**	**H H3**	4.5	1.0	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
1,1,2-Trichloroethane	ND	H H3	4.5	0.58	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
1,1-Dichloroethane	**170**	**H H3**	4.5	0.55	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
1,1-Dichloroethene	**82**	**H H3**	4.5	0.55	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
1,2,4-Trichlorobenzene	ND	H H3	4.5	0.27	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
1,2-Dibromo-3-Chloropropane	ND	H H3	4.5	2.2	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
1,2-Dichlorobenzene	ND	H H3	4.5	0.35	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
1,2-Dichloroethane	ND	H H3	4.5	0.22	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
1,2-Dichloropropane	ND	H H3	4.5	2.2	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
1,3-Dichlorobenzene	ND	H H3	4.5	0.23	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
1,4-Dichlorobenzene	ND	H H3	4.5	0.63	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
2-Butanone (MEK)	ND	H H3	22	1.6	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
2-Hexanone	ND	H H3	22	2.2	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
4-Methyl-2-pentanone (MIBK)	ND	H H3	22	1.5	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
Acetone	ND	H H3	22	3.8	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
Benzene	ND	H H3	4.5	0.22	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
Bromoform	ND	H H3	4.5	2.2	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
Bromomethane	ND	H H3	4.5	0.40	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
Carbon disulfide	ND	H H3	4.5	2.2	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
Carbon tetrachloride	ND	H H3	4.5	0.43	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
Chlorobenzene	ND	H H3	4.5	0.59	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
Dibromochloromethane	ND	H H3	4.5	0.57	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
Chloroethane	**5.6**	**H H3**	4.5	1.0	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
Chloroform	ND	H H3	4.5	0.28	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
Chloromethane	ND	H H3	4.5	0.27	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
cis-1,2-Dichloroethene	**82**	**H H3**	4.5	0.57	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
Cyclohexane	ND	H H3	4.5	0.63	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
Bromodichloromethane	ND	H H3	4.5	0.60	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
Dichlorodifluoromethane	ND	H H3	4.5	0.37	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
Ethylbenzene	ND	H H3	4.5	0.31	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
1,2-Dibromoethane	ND	H H3	4.5	0.57	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
Isopropylbenzene	ND	H H3	4.5	0.67	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
Methyl acetate	ND	H H3	22	2.7	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
Methyl tert-butyl ether	ND	H H3	4.5	0.44	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
Methylcyclohexane	ND	H H3	4.5	0.68	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
Methylene Chloride	ND	H H3	4.5	2.1	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
Tetrachloroethene	**16**	**H H3**	4.5	0.60	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
Toluene	ND	H H3	4.5	0.34	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
trans-1,2-Dichloroethene	**2.9**	**J H H3**	4.5	0.46	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
trans-1,3-Dichloropropene	ND	H H3	4.5	2.0	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
Trichloroethene	**18**	**H H3**	4.5	0.98	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
Trichlorofluoromethane	ND	H H3	4.5	0.42	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
Vinyl chloride	**5.3**	**H H3**	4.5	0.55	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
Xylenes, Total	ND	H H3	8.9	0.75	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
cis-1,3-Dichloropropene	ND	H H3	4.5	0.64	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1
Styrene	ND	H H3	4.5	0.22	ug/Kg	☼	11/16/21 10:00	11/17/21 01:09	1

Client Sample ID: SOH-SB-09 (3-4)
Lab Sample ID: 480-192428-4
Date Collected: 11/11/21 11:30
Matrix: Solid
Date Received: 11/16/21 08:00
Percent Solids: 81.7

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None	H H3	ug/Kg	☼			11/16/21 10:00	11/17/21 01:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		64 - 126	11/16/21 10:00	11/17/21 01:09	1
4-Bromofluorobenzene (Surr)	100		72 - 126	11/16/21 10:00	11/17/21 01:09	1
Toluene-d8 (Surr)	104		71 - 125	11/16/21 10:00	11/17/21 01:09	1
Dibromofluoromethane (Surr)	105		60 - 140	11/16/21 10:00	11/17/21 01:09	1

Client Sample ID: SOH-SB-DUP-2
Lab Sample ID: 480-192428-5
Date Collected: 11/11/21 08:00
Matrix: Solid
Date Received: 11/16/21 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1630		1000	815	mg/Kg			11/22/21 20:25	1

Client Sample ID: SOH-SB-DUP-2
Lab Sample ID: 480-192428-5
Date Collected: 11/11/21 08:00
Matrix: Solid
Date Received: 11/16/21 08:00
Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	150	H H3	5.0	0.37	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
1,1,2,2-Tetrachloroethane	ND	H H3	5.0	0.82	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	7.0	H H3	5.0	1.1	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
1,1,2-Trichloroethane	ND	H H3	5.0	0.66	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
1,1-Dichloroethane	170	H H3	5.0	0.62	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
1,1-Dichloroethene	69	H H3	5.0	0.62	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
1,2,4-Trichlorobenzene	ND	H H3	5.0	0.31	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
1,2-Dibromo-3-Chloropropane	ND	H H3	5.0	2.5	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
1,2-Dichlorobenzene	ND	H H3	5.0	0.39	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
1,2-Dichloroethane	0.44	J H H3	5.0	0.25	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
1,2-Dichloropropane	ND	H H3	5.0	2.5	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
1,3-Dichlorobenzene	ND	H H3	5.0	0.26	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
1,4-Dichlorobenzene	ND	H H3	5.0	0.71	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
2-Butanone (MEK)	ND	H H3	25	1.8	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
2-Hexanone	ND	H H3	25	2.5	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
4-Methyl-2-pentanone (MIBK)	ND	H H3	25	1.7	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
Acetone	4.4	J H H3	25	4.2	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
Benzene	ND	H H3	5.0	0.25	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
Bromoform	ND	H H3	5.0	2.5	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
Bromomethane	ND	H H3	5.0	0.45	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
Carbon disulfide	ND	H H3	5.0	2.5	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
Carbon tetrachloride	ND	H H3	5.0	0.49	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
Chlorobenzene	ND	H H3	5.0	0.67	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
Dibromochloromethane	ND	H H3	5.0	0.65	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
Chloroethane	5.3	H H3	5.0	1.1	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
Chloroform	ND	H H3	5.0	0.31	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
Chloromethane	ND	H H3	5.0	0.30	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
cis-1,2-Dichloroethene	90	H H3	5.0	0.65	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1

Client Sample ID: SOH-SB-DUP-2
Lab Sample ID: 480-192428-5

Date Collected: 11/11/21 08:00
Matrix: Solid
Date Received: 11/16/21 08:00
Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND	H H3	5.0	0.71	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
Bromodichloromethane	ND	H H3	5.0	0.68	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
Dichlorodifluoromethane	ND	H H3	5.0	0.42	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
Ethylbenzene	ND	H H3	5.0	0.35	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
1,2-Dibromoethane	ND	H H3	5.0	0.65	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
Isopropylbenzene	ND	H H3	5.0	0.76	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
Methyl acetate	ND	H H3	25	3.0	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
Methyl tert-butyl ether	ND	H H3	5.0	0.50	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
Methylcyclohexane	ND	H H3	5.0	0.77	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
Methylene Chloride	ND	H H3	5.0	2.3	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
Tetrachloroethene	**19**	**H H3**	5.0	0.68	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
Toluene	ND	H H3	5.0	0.38	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
trans-1,2-Dichloroethene	**3.2**	**J H H3**	5.0	0.52	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
trans-1,3-Dichloropropene	ND	H H3	5.0	2.2	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
Trichloroethene	**19**	**H H3**	5.0	1.1	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
Trichlorofluoromethane	ND	H H3	5.0	0.48	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
Vinyl chloride	**4.0**	**J H H3**	5.0	0.62	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
Xylenes, Total	ND	H H3	10	0.85	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
cis-1,3-Dichloropropene	ND	H H3	5.0	0.73	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1
Styrene	ND	H H3	5.0	0.25	ug/Kg	☼	11/16/21 10:00	11/17/21 01:33	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*	*H H3*	*ug/Kg*	☼			*11/16/21 10:00*	*11/17/21 01:33*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*64 - 126*	*11/16/21 10:00*	*11/17/21 01:33*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 126*	*11/16/21 10:00*	*11/17/21 01:33*	*1*
Toluene-d8 (Surr)	*103*		*71 - 125*	*11/16/21 10:00*	*11/17/21 01:33*	*1*
Dibromofluoromethane (Surr)	*106*		*60 - 140*	*11/16/21 10:00*	*11/17/21 01:33*	*1*

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-192428-6

Date Collected: 11/11/21 00:00
Matrix: Water
Date Received: 11/16/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/19/21 00:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/19/21 00:45	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/19/21 00:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/19/21 00:45	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/19/21 00:45	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/19/21 00:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/19/21 00:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/19/21 00:45	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/19/21 00:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/19/21 00:45	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/19/21 00:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/19/21 00:45	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/19/21 00:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/19/21 00:45	1

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-192428-6

Date Collected: 11/11/21 00:00
Matrix: Water

Date Received: 11/16/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	ND		5.0	1.2	ug/L			11/19/21 00:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/19/21 00:45	1
Acetone	ND		10	3.0	ug/L			11/19/21 00:45	1
Benzene	ND		1.0	0.41	ug/L			11/19/21 00:45	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/19/21 00:45	1
Bromoform	ND		1.0	0.26	ug/L			11/19/21 00:45	1
Bromomethane	ND		1.0	0.69	ug/L			11/19/21 00:45	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/19/21 00:45	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/19/21 00:45	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/19/21 00:45	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/19/21 00:45	1
Chloroethane	ND		1.0	0.32	ug/L			11/19/21 00:45	1
Chloroform	ND		1.0	0.34	ug/L			11/19/21 00:45	1
Chloromethane	ND		1.0	0.35	ug/L			11/19/21 00:45	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/19/21 00:45	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/19/21 00:45	1
Cyclohexane	ND		1.0	0.18	ug/L			11/19/21 00:45	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/19/21 00:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/19/21 00:45	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/19/21 00:45	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/19/21 00:45	1
Methyl acetate	ND		2.5	1.3	ug/L			11/19/21 00:45	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/19/21 00:45	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/19/21 00:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/19/21 00:45	1
Styrene	ND		1.0	0.73	ug/L			11/19/21 00:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/19/21 00:45	1
Toluene	ND		1.0	0.51	ug/L			11/19/21 00:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/19/21 00:45	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/19/21 00:45	1
Trichloroethene	ND		1.0	0.46	ug/L			11/19/21 00:45	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/19/21 00:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/19/21 00:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/19/21 00:45	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*11/19/21 00:45*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/19/21 00:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*11/19/21 00:45*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*11/19/21 00:45*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*11/19/21 00:45*	*1*

Client: New York State D.E.C.
Job ID: 480-192071-1
Project/Site: SMP-B Stuart Olver Holtz

Client Sample ID: Trip Blank
Lab Sample ID: 480-192456-1

Date Collected: 11/15/21 10:00
Matrix: Water

Date Received: 11/16/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/19/21 04:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/19/21 04:36	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/19/21 04:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/19/21 04:36	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/19/21 04:36	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/19/21 04:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/19/21 04:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/19/21 04:36	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/19/21 04:36	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/19/21 04:36	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/19/21 04:36	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/19/21 04:36	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/19/21 04:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/19/21 04:36	1
2-Hexanone	ND		5.0	1.2	ug/L			11/19/21 04:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/19/21 04:36	1
Acetone	ND		10	3.0	ug/L			11/19/21 04:36	1
Benzene	ND		1.0	0.41	ug/L			11/19/21 04:36	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/19/21 04:36	1
Bromoform	ND		1.0	0.26	ug/L			11/19/21 04:36	1
Bromomethane	ND		1.0	0.69	ug/L			11/19/21 04:36	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/19/21 04:36	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/19/21 04:36	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/19/21 04:36	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/19/21 04:36	1
Chloroethane	ND		1.0	0.32	ug/L			11/19/21 04:36	1
Chloroform	ND		1.0	0.34	ug/L			11/19/21 04:36	1
Chloromethane	ND		1.0	0.35	ug/L			11/19/21 04:36	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/19/21 04:36	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/19/21 04:36	1
Cyclohexane	ND		1.0	0.18	ug/L			11/19/21 04:36	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/19/21 04:36	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/19/21 04:36	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/19/21 04:36	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/19/21 04:36	1
Methyl acetate	ND		2.5	1.3	ug/L			11/19/21 04:36	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/19/21 04:36	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/19/21 04:36	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/19/21 04:36	1
Styrene	ND		1.0	0.73	ug/L			11/19/21 04:36	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/19/21 04:36	1
Toluene	ND		1.0	0.51	ug/L			11/19/21 04:36	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/19/21 04:36	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/19/21 04:36	1
Trichloroethene	ND		1.0	0.46	ug/L			11/19/21 04:36	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/19/21 04:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/19/21 04:36	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/19/21 04:36	1

Client Sample ID: Trip Blank
Lab Sample ID: 480-192456-1
Date Collected: 11/15/21 10:00
Matrix: Water
Date Received: 11/16/21 10:00

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					11/19/21 04:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		11/19/21 04:36	1
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		11/19/21 04:36	1
4-Bromofluorobenzene (Surr)	102		73 - 120		11/19/21 04:36	1
Dibromofluoromethane (Surr)	104		75 - 123		11/19/21 04:36	1

Client Sample ID: SOH-SB-24 (23-24)
Lab Sample ID: 480-192456-2
Date Collected: 11/15/21 11:30
Matrix: Solid
Date Received: 11/16/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**7850**		1000	815	mg/Kg			11/22/21 21:20	1

Client Sample ID: SOH-SB-24 (23-24)
Lab Sample ID: 480-192456-2
Date Collected: 11/15/21 11:30
Matrix: Solid
Date Received: 11/16/21 10:00
Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**35**		3.8	0.28	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
1,1,2,2-Tetrachloroethane	ND		3.8	0.62	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**1.2**	**J**	3.8	0.88	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
1,1,2-Trichloroethane	ND		3.8	0.50	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
1,1-Dichloroethane	**830**	**E**	3.8	0.47	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
1,1-Dichloroethene	**24**		3.8	0.47	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
1,2,4-Trichlorobenzene	ND		3.8	0.23	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
1,2-Dibromo-3-Chloropropane	ND		3.8	1.9	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
1,2-Dichlorobenzene	ND		3.8	0.30	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
1,2-Dichloroethane	**0.28**	**J**	3.8	0.19	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
1,2-Dichloropropane	ND		3.8	1.9	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
1,3-Dichlorobenzene	ND		3.8	0.20	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
1,4-Dichlorobenzene	ND		3.8	0.54	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
2-Butanone (MEK)	ND		19	1.4	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
2-Hexanone	ND		19	1.9	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
4-Methyl-2-pentanone (MIBK)	ND		19	1.3	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
Acetone	**14**	**J**	19	3.2	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
Benzene	**0.21**	**J**	3.8	0.19	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
Bromoform	ND		3.8	1.9	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
Bromomethane	ND		3.8	0.35	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
Carbon disulfide	ND		3.8	1.9	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
Carbon tetrachloride	ND		3.8	0.37	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
Chlorobenzene	ND		3.8	0.51	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
Dibromochloromethane	ND		3.8	0.49	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
Chloroethane	**3.6**	**J**	3.8	0.87	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
Chloroform	ND		3.8	0.24	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
Chloromethane	ND		3.8	0.23	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
cis-1,2-Dichloroethene	**790**	**E**	3.8	0.49	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1

Client Sample ID: SOH-SB-24 (23-24)
Date Collected: 11/15/21 11:30
Date Received: 11/16/21 10:00

Lab Sample ID: 480-192456-2
Matrix: Solid
Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		3.8	0.54	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
Bromodichloromethane	ND		3.8	0.52	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
Dichlorodifluoromethane	ND		3.8	0.32	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
Ethylbenzene	ND		3.8	0.27	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
1,2-Dibromoethane	ND		3.8	0.49	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
Isopropylbenzene	ND		3.8	0.58	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
Methyl acetate	ND		19	2.3	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
Methyl tert-butyl ether	ND		3.8	0.38	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
Methylcyclohexane	ND		3.8	0.58	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
Methylene Chloride	**16**		3.8	1.8	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
Tetrachloroethene	**1.0**	**J**	3.8	0.52	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
Toluene	**1.5**	**J**	3.8	0.29	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
trans-1,2-Dichloroethene	**1.7**	**J**	3.8	0.40	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
trans-1,3-Dichloropropene	ND		3.8	1.7	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
Trichloroethene	**2000**	**E**	3.8	0.85	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
Trichlorofluoromethane	ND		3.8	0.36	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
Vinyl chloride	**22**		3.8	0.47	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
Xylenes, Total	ND		7.7	0.65	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
cis-1,3-Dichloropropene	ND		3.8	0.55	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1
Styrene	ND		3.8	0.19	ug/Kg	☼	11/16/21 14:40	11/17/21 01:58	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*3.9*	*T J*	*ug/Kg*	☼	*9.24*		*11/16/21 14:40*	*11/17/21 01:58*	*1*
Unknown	*5.1*	*T J*	*ug/Kg*	☼	*9.43*		*11/16/21 14:40*	*11/17/21 01:58*	*1*
Decane	*9.8*	*T J N*	*ug/Kg*	☼	*9.91*	*124-18-5*	*11/16/21 14:40*	*11/17/21 01:58*	*1*
Unknown	*4.1*	*T J*	*ug/Kg*	☼	*10.19*		*11/16/21 14:40*	*11/17/21 01:58*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*64 - 126*	*11/16/21 14:40*	*11/17/21 01:58*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 126*	*11/16/21 14:40*	*11/17/21 01:58*	*1*
Toluene-d8 (Surr)	*106*		*71 - 125*	*11/16/21 14:40*	*11/17/21 01:58*	*1*
Dibromofluoromethane (Surr)	*105*		*60 - 140*	*11/16/21 14:40*	*11/17/21 01:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**310**	**J**	330	93	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
1,1,2,2-Tetrachloroethane	ND		330	54	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		330	170	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
1,1,2-Trichloroethane	ND		330	70	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
1,1-Dichloroethane	**4000**		330	100	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
1,1-Dichloroethene	**240**	**J**	330	120	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
1,2,4-Trichlorobenzene	ND		330	130	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
1,2-Dibromo-3-Chloropropane	ND		330	170	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
1,2-Dichlorobenzene	ND		330	85	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
1,2-Dichloroethane	ND		330	140	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
1,2-Dichloropropane	ND		330	54	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
1,3-Dichlorobenzene	ND		330	89	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
1,4-Dichlorobenzene	ND		330	47	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
2-Butanone (MEK)	ND		1700	990	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
2-Hexanone	ND		1700	690	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4

Client Sample ID: SOH-SB-24 (23-24)
Date Collected: 11/15/21 11:30
Date Received: 11/16/21 10:00

Lab Sample ID: 480-192456-2
Matrix: Solid
Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	ND		1700	110	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
Acetone	ND		1700	1400	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
Benzene	ND		330	64	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
Bromoform	ND		330	170	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
Bromomethane	ND		330	74	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
Carbon disulfide	ND		330	150	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
Carbon tetrachloride	ND		330	85	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
Chlorobenzene	ND		330	44	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
Dibromochloromethane	ND		330	160	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
Chloroethane	ND		330	70	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
Chloroform	ND		330	230	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
Chloromethane	ND		330	80	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
cis-1,2-Dichloroethene	**4000**		330	92	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
Cyclohexane	ND		330	74	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
Bromodichloromethane	ND		330	67	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
Dichlorodifluoromethane	ND		330	150	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
Ethylbenzene	ND		330	97	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
1,2-Dibromoethane	ND		330	59	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
Isopropylbenzene	ND		330	50	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
Methyl acetate	ND		1700	160	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
Methyl tert-butyl ether	ND		330	130	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
Methylcyclohexane	ND		330	160	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
Methylene Chloride	ND		330	66	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
Tetrachloroethene	ND		330	45	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
Toluene	ND		330	90	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
trans-1,2-Dichloroethene	ND		330	79	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
trans-1,3-Dichloropropene	ND		330	33	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
Trichloroethene	**21000**		330	93	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
Trichlorofluoromethane	ND		330	160	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
Vinyl chloride	ND	*+	330	110	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
Xylenes, Total	ND		670	190	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
cis-1,3-Dichloropropene	ND		330	80	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4
Styrene	ND		330	81	ug/Kg	☼	11/21/21 22:34	11/22/21 13:38	4

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1200*	*T J*	*ug/Kg*	☼	*1.81*		*11/21/21 22:34*	*11/22/21 13:38*	*4*
Unknown	*840*	*T J*	*ug/Kg*	☼	*9.71*		*11/21/21 22:34*	*11/22/21 13:38*	*4*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*53 - 146*	*11/21/21 22:34*	*11/22/21 13:38*	*4*
4-Bromofluorobenzene (Surr)	*97*		*49 - 148*	*11/21/21 22:34*	*11/22/21 13:38*	*4*
Toluene-d8 (Surr)	*103*		*50 - 149*	*11/21/21 22:34*	*11/22/21 13:38*	*4*
Dibromofluoromethane (Surr)	*103*		*60 - 140*	*11/21/21 22:34*	*11/22/21 13:38*	*4*

Client Sample ID: SOH-SB-EB-2
Date Collected: 11/15/21 11:40
Date Received: 11/16/21 10:00

Lab Sample ID: 480-192456-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/23/21 03:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/23/21 03:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/23/21 03:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/23/21 03:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/23/21 03:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/23/21 03:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/23/21 03:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/23/21 03:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/23/21 03:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/23/21 03:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/23/21 03:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/23/21 03:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/23/21 03:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/23/21 03:53	1
2-Hexanone	ND		5.0	1.2	ug/L			11/23/21 03:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/23/21 03:53	1
Acetone	ND		10	3.0	ug/L			11/23/21 03:53	1
Benzene	ND		1.0	0.41	ug/L			11/23/21 03:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/23/21 03:53	1
Bromoform	ND		1.0	0.26	ug/L			11/23/21 03:53	1
Bromomethane	ND		1.0	0.69	ug/L			11/23/21 03:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/23/21 03:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/23/21 03:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/23/21 03:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/23/21 03:53	1
Chloroethane	ND		1.0	0.32	ug/L			11/23/21 03:53	1
Chloroform	ND		1.0	0.34	ug/L			11/23/21 03:53	1
Chloromethane	ND		1.0	0.35	ug/L			11/23/21 03:53	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/23/21 03:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/23/21 03:53	1
Cyclohexane	ND		1.0	0.18	ug/L			11/23/21 03:53	1
Dichlorodifluoromethane	ND	*-	1.0	0.68	ug/L			11/23/21 03:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/23/21 03:53	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/23/21 03:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/23/21 03:53	1
Methyl acetate	ND		2.5	1.3	ug/L			11/23/21 03:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/23/21 03:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/23/21 03:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/23/21 03:53	1
Styrene	ND		1.0	0.73	ug/L			11/23/21 03:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/23/21 03:53	1
Toluene	ND		1.0	0.51	ug/L			11/23/21 03:53	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/23/21 03:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/23/21 03:53	1
Trichloroethene	ND		1.0	0.46	ug/L			11/23/21 03:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/23/21 03:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/23/21 03:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/23/21 03:53	1

Client Sample ID: SOH-SB-EB-2
Lab Sample ID: 480-192456-3
Date Collected: 11/15/21 11:40
Matrix: Water
Date Received: 11/16/21 10:00

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					11/23/21 03:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	105		80 - 120		11/23/21 03:53	1
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		11/23/21 03:53	1
4-Bromofluorobenzene (Surr)	100		73 - 120		11/23/21 03:53	1
Dibromofluoromethane (Surr)	109		75 - 123		11/23/21 03:53	1

Client Sample ID: SOH-SB-07 (23-24)
Lab Sample ID: 480-192456-4
Date Collected: 11/15/21 14:10
Matrix: Solid
Date Received: 11/16/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	11400		1000	815	mg/Kg			11/22/21 21:24	1

Client Sample ID: SOH-SB-07 (23-24)
Lab Sample ID: 480-192456-4
Date Collected: 11/15/21 14:10
Matrix: Solid
Date Received: 11/16/21 10:00
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.9	0.28	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
1,1,2,2-Tetrachloroethane	ND		3.9	0.63	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.9	0.89	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
1,1,2-Trichloroethane	ND		3.9	0.51	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
1,1-Dichloroethane	9.7		3.9	0.48	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
1,1-Dichloroethene	ND		3.9	0.48	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
1,2,4-Trichlorobenzene	ND		3.9	0.24	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
1,2-Dibromo-3-Chloropropane	ND		3.9	2.0	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
1,2-Dichlorobenzene	ND		3.9	0.31	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
1,2-Dichloroethane	ND		3.9	0.20	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
1,2-Dichloropropane	ND		3.9	2.0	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
1,3-Dichlorobenzene	ND		3.9	0.20	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
1,4-Dichlorobenzene	ND		3.9	0.55	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
2-Butanone (MEK)	ND		20	1.4	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
2-Hexanone	ND		20	2.0	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
4-Methyl-2-pentanone (MIBK)	ND		20	1.3	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
Acetone	4.7	J	20	3.3	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
Benzene	ND		3.9	0.19	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
Bromoform	ND		3.9	2.0	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
Bromomethane	ND		3.9	0.35	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
Carbon disulfide	ND		3.9	2.0	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
Carbon tetrachloride	ND		3.9	0.38	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
Chlorobenzene	ND		3.9	0.52	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
Dibromochloromethane	ND		3.9	0.50	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
Chloroethane	ND		3.9	0.88	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
Chloroform	ND		3.9	0.24	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
Chloromethane	ND		3.9	0.24	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
cis-1,2-Dichloroethene	ND		3.9	0.50	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
Cyclohexane	ND		3.9	0.55	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1

Client Sample ID: SOH-SB-07 (23-24)
Lab Sample ID: 480-192456-4

Date Collected: 11/15/21 14:10
Matrix: Solid
Date Received: 11/16/21 10:00
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		3.9	0.52	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
Dichlorodifluoromethane	ND		3.9	0.32	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
Ethylbenzene	ND		3.9	0.27	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
1,2-Dibromoethane	ND		3.9	0.50	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
Isopropylbenzene	ND		3.9	0.59	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
Methyl acetate	ND		20	2.4	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
Methyl tert-butyl ether	ND		3.9	0.38	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
Methylcyclohexane	ND		3.9	0.60	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
Methylene Chloride	ND		3.9	1.8	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
Tetrachloroethene	ND		3.9	0.53	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
Toluene	ND		3.9	0.30	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
trans-1,2-Dichloroethene	ND		3.9	0.40	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
trans-1,3-Dichloropropene	ND		3.9	1.7	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
Trichloroethene	ND		3.9	0.86	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
Trichlorofluoromethane	ND		3.9	0.37	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
Vinyl chloride	ND		3.9	0.48	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
Xylenes, Total	ND		7.8	0.66	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
cis-1,3-Dichloropropene	ND		3.9	0.56	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1
Styrene	ND		3.9	0.20	ug/Kg	☼	11/16/21 14:40	11/17/21 20:59	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*11/16/21 14:40*	*11/17/21 20:59*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 126*	*11/16/21 14:40*	*11/17/21 20:59*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 126*	*11/16/21 14:40*	*11/17/21 20:59*	*1*
Toluene-d8 (Surr)	*106*		*71 - 125*	*11/16/21 14:40*	*11/17/21 20:59*	*1*
Dibromofluoromethane (Surr)	*104*		*60 - 140*	*11/16/21 14:40*	*11/17/21 20:59*	*1*

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-192511-1

Date Collected: 11/16/21 08:20
Matrix: Water
Date Received: 11/17/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/20/21 05:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/20/21 05:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/20/21 05:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/20/21 05:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/20/21 05:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/20/21 05:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/20/21 05:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/20/21 05:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/20/21 05:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/20/21 05:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/20/21 05:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/20/21 05:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/20/21 05:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/20/21 05:53	1
2-Hexanone	ND		5.0	1.2	ug/L			11/20/21 05:53	1

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-192511-1

Date Collected: 11/16/21 08:20
Matrix: Water
Date Received: 11/17/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/20/21 05:53	1
Acetone	ND		10	3.0	ug/L			11/20/21 05:53	1
Benzene	ND		1.0	0.41	ug/L			11/20/21 05:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/20/21 05:53	1
Bromoform	ND		1.0	0.26	ug/L			11/20/21 05:53	1
Bromomethane	ND		1.0	0.69	ug/L			11/20/21 05:53	1
Carbon disulfide	**0.29**	**J B**	1.0	0.19	ug/L			11/20/21 05:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/20/21 05:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/20/21 05:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/20/21 05:53	1
Chloroethane	ND		1.0	0.32	ug/L			11/20/21 05:53	1
Chloroform	ND		1.0	0.34	ug/L			11/20/21 05:53	1
Chloromethane	ND		1.0	0.35	ug/L			11/20/21 05:53	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/20/21 05:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/20/21 05:53	1
Cyclohexane	ND		1.0	0.18	ug/L			11/20/21 05:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/20/21 05:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/20/21 05:53	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/20/21 05:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/20/21 05:53	1
Methyl acetate	ND		2.5	1.3	ug/L			11/20/21 05:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/20/21 05:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/20/21 05:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/20/21 05:53	1
Styrene	ND		1.0	0.73	ug/L			11/20/21 05:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/20/21 05:53	1
Toluene	ND		1.0	0.51	ug/L			11/20/21 05:53	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/20/21 05:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/20/21 05:53	1
Trichloroethene	ND		1.0	0.46	ug/L			11/20/21 05:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/20/21 05:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/20/21 05:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/20/21 05:53	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*11/20/21 05:53*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*80 - 120*		*11/20/21 05:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*11/20/21 05:53*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*11/20/21 05:53*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*11/20/21 05:53*	*1*

Client Sample ID: SOH-SB-19 (4-5)
Lab Sample ID: 480-192511-2

Date Collected: 11/16/21 08:55
Matrix: Solid
Date Received: 11/17/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**7280**		1000	815	mg/Kg			11/24/21 12:55	1

Client Sample ID: SOH-SB-19 (4-5)
Date Collected: 11/16/21 08:55
Date Received: 11/17/21 10:00

Lab Sample ID: 480-192511-2
Matrix: Solid
Percent Solids: 91.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.6	0.26	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
1,1,2,2-Tetrachloroethane	ND		3.6	0.59	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.6	0.82	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
1,1,2-Trichloroethane	ND		3.6	0.47	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
1,1-Dichloroethane	ND		3.6	0.44	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
1,1-Dichloroethene	ND		3.6	0.44	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
1,2,4-Trichlorobenzene	ND		3.6	0.22	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
1,2-Dibromo-3-Chloropropane	ND		3.6	1.8	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
1,2-Dichlorobenzene	ND		3.6	0.28	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
1,2-Dichloroethane	ND		3.6	0.18	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
1,2-Dichloropropane	ND		3.6	1.8	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
1,3-Dichlorobenzene	ND		3.6	0.19	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
1,4-Dichlorobenzene	ND		3.6	0.51	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
2-Butanone (MEK)	ND		18	1.3	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
2-Hexanone	ND		18	1.8	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
4-Methyl-2-pentanone (MIBK)	ND		18	1.2	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
Acetone	ND		18	3.0	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
Benzene	ND		3.6	0.18	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
Bromoform	ND		3.6	1.8	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
Bromomethane	ND		3.6	0.32	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
Carbon disulfide	ND		3.6	1.8	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
Carbon tetrachloride	ND		3.6	0.35	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
Chlorobenzene	ND		3.6	0.48	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
Dibromochloromethane	ND		3.6	0.46	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
Chloroethane	ND		3.6	0.82	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
Chloroform	ND		3.6	0.22	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
Chloromethane	ND		3.6	0.22	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
cis-1,2-Dichloroethene	ND		3.6	0.46	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
Cyclohexane	ND		3.6	0.51	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
Bromodichloromethane	ND		3.6	0.48	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
Dichlorodifluoromethane	ND		3.6	0.30	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
Ethylbenzene	ND		3.6	0.25	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
1,2-Dibromoethane	ND		3.6	0.46	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
Isopropylbenzene	ND		3.6	0.54	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
Methyl acetate	ND		18	2.2	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
Methyl tert-butyl ether	ND		3.6	0.35	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
Methylcyclohexane	ND		3.6	0.55	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
Methylene Chloride	ND		3.6	1.7	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
Tetrachloroethene	ND		3.6	0.48	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
Toluene	ND		3.6	0.27	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
trans-1,2-Dichloroethene	ND		3.6	0.37	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
trans-1,3-Dichloropropene	ND		3.6	1.6	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
Trichloroethene	ND		3.6	0.79	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
Trichlorofluoromethane	ND		3.6	0.34	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
Vinyl chloride	ND		3.6	0.44	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
Xylenes, Total	ND		7.2	0.61	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
cis-1,3-Dichloropropene	ND		3.6	0.52	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1
Styrene	ND		3.6	0.18	ug/Kg	☼	11/17/21 11:00	11/18/21 09:38	1

Client Sample ID: SOH-SB-19 (4-5)
Lab Sample ID: 480-192511-2
Date Collected: 11/16/21 08:55
Matrix: Solid
Date Received: 11/17/21 10:00
Percent Solids: 91.0

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼			11/17/21 11:00	11/18/21 09:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		64 - 126	11/17/21 11:00	11/18/21 09:38	1
4-Bromofluorobenzene (Surr)	98		72 - 126	11/17/21 11:00	11/18/21 09:38	1
Toluene-d8 (Surr)	105		71 - 125	11/17/21 11:00	11/18/21 09:38	1
Dibromofluoromethane (Surr)	106		60 - 140	11/17/21 11:00	11/18/21 09:38	1

Client Sample ID: SOH-SB-19 (5-6)
Lab Sample ID: 480-192511-3
Date Collected: 11/16/21 09:00
Matrix: Solid
Date Received: 11/17/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2440		1000	815	mg/Kg			11/24/21 12:59	1

Client Sample ID: SOH-SB-19 (5-6)
Lab Sample ID: 480-192511-3
Date Collected: 11/16/21 09:00
Matrix: Solid
Date Received: 11/17/21 10:00
Percent Solids: 91.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.8	0.28	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
1,1,2,2-Tetrachloroethane	ND		3.8	0.62	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.8	0.87	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
1,1,2-Trichloroethane	ND		3.8	0.49	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
1,1-Dichloroethane	ND		3.8	0.46	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
1,1-Dichloroethene	ND		3.8	0.47	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
1,2,4-Trichlorobenzene	ND		3.8	0.23	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
1,2-Dibromo-3-Chloropropane	ND		3.8	1.9	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
1,2-Dichlorobenzene	ND		3.8	0.30	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
1,2-Dichloroethane	ND		3.8	0.19	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
1,2-Dichloropropane	ND		3.8	1.9	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
1,3-Dichlorobenzene	ND		3.8	0.20	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
1,4-Dichlorobenzene	ND		3.8	0.53	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
2-Butanone (MEK)	ND		19	1.4	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
2-Hexanone	ND		19	1.9	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
4-Methyl-2-pentanone (MIBK)	ND		19	1.2	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
Acetone	ND		19	3.2	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
Benzene	ND		3.8	0.19	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
Bromoform	ND		3.8	1.9	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
Bromomethane	ND		3.8	0.34	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
Carbon disulfide	ND		3.8	1.9	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
Carbon tetrachloride	ND		3.8	0.37	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
Chlorobenzene	ND		3.8	0.50	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
Dibromochloromethane	ND		3.8	0.49	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
Chloroethane	ND		3.8	0.86	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
Chloroform	ND		3.8	0.24	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
Chloromethane	ND		3.8	0.23	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
cis-1,2-Dichloroethene	ND		3.8	0.49	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
Cyclohexane	ND		3.8	0.53	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1

Client Sample ID: SOH-SB-19 (5-6)
Lab Sample ID: 480-192511-3
Date Collected: 11/16/21 09:00
Matrix: Solid
Date Received: 11/17/21 10:00
Percent Solids: 91.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		3.8	0.51	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
Dichlorodifluoromethane	ND		3.8	0.31	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
Ethylbenzene	ND		3.8	0.26	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
1,2-Dibromoethane	ND		3.8	0.49	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
Isopropylbenzene	ND		3.8	0.57	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
Methyl acetate	ND		19	2.3	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
Methyl tert-butyl ether	ND		3.8	0.37	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
Methylcyclohexane	ND		3.8	0.58	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
Methylene Chloride	ND		3.8	1.8	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
Tetrachloroethene	ND		3.8	0.51	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
Toluene	ND		3.8	0.29	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
trans-1,2-Dichloroethene	ND		3.8	0.39	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
trans-1,3-Dichloropropene	ND		3.8	1.7	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
Trichloroethene	ND		3.8	0.84	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
Trichlorofluoromethane	ND		3.8	0.36	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
Vinyl chloride	ND		3.8	0.46	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
Xylenes, Total	ND		7.6	0.64	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
cis-1,3-Dichloropropene	ND		3.8	0.55	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1
Styrene	ND		3.8	0.19	ug/Kg	☼	11/17/21 11:00	11/18/21 10:03	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*11/17/21 11:00*	*11/18/21 10:03*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 126*	*11/17/21 11:00*	*11/18/21 10:03*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 126*	*11/17/21 11:00*	*11/18/21 10:03*	*1*
Toluene-d8 (Surr)	*105*		*71 - 125*	*11/17/21 11:00*	*11/18/21 10:03*	*1*
Dibromofluoromethane (Surr)	*104*		*60 - 140*	*11/17/21 11:00*	*11/18/21 10:03*	*1*

Client Sample ID: SOH-SB-19 (14-15)
Lab Sample ID: 480-192511-4
Date Collected: 11/16/21 09:05
Matrix: Solid
Date Received: 11/17/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	9670		1000	815	mg/Kg			11/24/21 13:04	1

Client Sample ID: SOH-SB-19 (14-15)
Lab Sample ID: 480-192511-4
Date Collected: 11/16/21 09:05
Matrix: Solid
Date Received: 11/17/21 10:00
Percent Solids: 86.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.2	0.30	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
1,1,2,2-Tetrachloroethane	ND		4.2	0.68	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.2	0.95	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
1,1,2-Trichloroethane	ND		4.2	0.54	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
1,1-Dichloroethane	ND		4.2	0.51	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
1,1-Dichloroethene	ND		4.2	0.51	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
1,2,4-Trichlorobenzene	ND		4.2	0.25	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
1,2-Dibromo-3-Chloropropane	ND		4.2	2.1	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1

Client Sample ID: SOH-SB-19 (14-15)
Date Collected: 11/16/21 09:05
Date Received: 11/17/21 10:00

Lab Sample ID: 480-192511-4
Matrix: Solid
Percent Solids: 86.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		4.2	0.33	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
1,2-Dichloroethane	ND		4.2	0.21	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
1,2-Dichloropropane	ND		4.2	2.1	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
1,3-Dichlorobenzene	ND		4.2	0.21	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
1,4-Dichlorobenzene	ND		4.2	0.58	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
2-Butanone (MEK)	ND		21	1.5	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
2-Hexanone	ND		21	2.1	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
4-Methyl-2-pentanone (MIBK)	ND		21	1.4	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
Acetone	**3.7**	**J**	21	3.5	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
Benzene	ND		4.2	0.20	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
Bromoform	ND		4.2	2.1	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
Bromomethane	ND		4.2	0.38	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
Carbon disulfide	ND		4.2	2.1	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
Carbon tetrachloride	ND		4.2	0.40	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
Chlorobenzene	ND		4.2	0.55	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
Dibromochloromethane	ND		4.2	0.53	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
Chloroethane	ND		4.2	0.94	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
Chloroform	ND		4.2	0.26	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
Chloromethane	ND		4.2	0.25	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
cis-1,2-Dichloroethene	ND		4.2	0.53	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
Cyclohexane	ND		4.2	0.58	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
Bromodichloromethane	ND		4.2	0.56	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
Dichlorodifluoromethane	ND		4.2	0.35	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
Ethylbenzene	ND		4.2	0.29	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
1,2-Dibromoethane	ND		4.2	0.54	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
Isopropylbenzene	ND		4.2	0.63	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
Methyl acetate	ND		21	2.5	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
Methyl tert-butyl ether	ND		4.2	0.41	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
Methylcyclohexane	ND		4.2	0.63	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
Methylene Chloride	ND		4.2	1.9	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
Tetrachloroethene	ND		4.2	0.56	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
Toluene	ND		4.2	0.32	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
trans-1,2-Dichloroethene	ND		4.2	0.43	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
trans-1,3-Dichloropropene	ND		4.2	1.8	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
Trichloroethene	ND		4.2	0.92	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
Trichlorofluoromethane	ND		4.2	0.40	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
Vinyl chloride	ND		4.2	0.51	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
Xylenes, Total	ND		8.4	0.70	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
cis-1,3-Dichloropropene	ND		4.2	0.60	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1
Styrene	ND		4.2	0.21	ug/Kg	☼	11/17/21 11:00	11/18/21 10:27	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*11/17/21 11:00*	*11/18/21 10:27*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*64 - 126*	*11/17/21 11:00*	*11/18/21 10:27*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 126*	*11/17/21 11:00*	*11/18/21 10:27*	*1*
Toluene-d8 (Surr)	*104*		*71 - 125*	*11/17/21 11:00*	*11/18/21 10:27*	*1*
Dibromofluoromethane (Surr)	*105*		*60 - 140*	*11/17/21 11:00*	*11/18/21 10:27*	*1*

Client Sample ID: SOH-SB-20 (4-5)
Lab Sample ID: 480-192511-5
Date Collected: 11/16/21 11:00
Matrix: Solid
Date Received: 11/17/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	7580		1000	815	mg/Kg			11/24/21 13:08	1

Client Sample ID: SOH-SB-20 (4-5)
Lab Sample ID: 480-192511-5
Date Collected: 11/16/21 11:00
Matrix: Solid
Date Received: 11/17/21 10:00
Percent Solids: 80.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.7	0.34	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
1,1,2,2-Tetrachloroethane	ND		4.7	0.76	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.7	1.1	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
1,1,2-Trichloroethane	ND		4.7	0.61	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
1,1-Dichloroethane	ND		4.7	0.57	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
1,1-Dichloroethene	ND		4.7	0.57	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
1,2,4-Trichlorobenzene	ND		4.7	0.28	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
1,2-Dibromo-3-Chloropropane	ND		4.7	2.3	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
1,2-Dichlorobenzene	ND		4.7	0.37	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
1,2-Dichloroethane	ND		4.7	0.23	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
1,2-Dichloropropane	ND		4.7	2.3	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
1,3-Dichlorobenzene	ND		4.7	0.24	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
1,4-Dichlorobenzene	ND		4.7	0.66	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
2-Butanone (MEK)	ND		23	1.7	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
2-Hexanone	ND		23	2.3	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
4-Methyl-2-pentanone (MIBK)	ND		23	1.5	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
Acetone	ND		23	3.9	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
Benzene	ND		4.7	0.23	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
Bromoform	ND		4.7	2.3	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
Bromomethane	ND		4.7	0.42	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
Carbon disulfide	ND		4.7	2.3	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
Carbon tetrachloride	ND		4.7	0.45	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
Chlorobenzene	ND		4.7	0.62	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
Dibromochloromethane	ND		4.7	0.60	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
Chloroethane	ND		4.7	1.1	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
Chloroform	ND		4.7	0.29	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
Chloromethane	ND		4.7	0.28	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
cis-1,2-Dichloroethene	ND		4.7	0.60	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
Cyclohexane	ND		4.7	0.66	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
Bromodichloromethane	ND		4.7	0.63	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
Dichlorodifluoromethane	ND		4.7	0.39	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
Ethylbenzene	ND		4.7	0.32	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
1,2-Dibromoethane	ND		4.7	0.60	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
Isopropylbenzene	ND		4.7	0.71	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
Methyl acetate	ND		23	2.8	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
Methyl tert-butyl ether	ND		4.7	0.46	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
Methylcyclohexane	ND		4.7	0.71	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
Methylene Chloride	ND		4.7	2.2	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
Tetrachloroethene	ND		4.7	0.63	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
Toluene	ND		4.7	0.35	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
trans-1,2-Dichloroethene	ND		4.7	0.48	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
trans-1,3-Dichloropropene	ND		4.7	2.1	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1

Client Sample ID: SOH-SB-20 (4-5)
Lab Sample ID: 480-192511-5
Date Collected: 11/16/21 11:00
Matrix: Solid
Date Received: 11/17/21 10:00
Percent Solids: 80.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		4.7	1.0	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
Trichlorofluoromethane	ND		4.7	0.44	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
Vinyl chloride	ND		4.7	0.57	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
Xylenes, Total	ND		9.4	0.79	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
cis-1,3-Dichloropropene	ND		4.7	0.67	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1
Styrene	ND		4.7	0.23	ug/Kg	☼	11/17/21 11:00	11/18/21 10:51	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*11/17/21 11:00*	*11/18/21 10:51*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*64 - 126*	*11/17/21 11:00*	*11/18/21 10:51*	*1*
4-Bromofluorobenzene (Surr)	*83*		*72 - 126*	*11/17/21 11:00*	*11/18/21 10:51*	*1*
Toluene-d8 (Surr)	*113*		*71 - 125*	*11/17/21 11:00*	*11/18/21 10:51*	*1*
Dibromofluoromethane (Surr)	*109*		*60 - 140*	*11/17/21 11:00*	*11/18/21 10:51*	*1*

Client Sample ID: SOH-SB-20 (12-13)
Lab Sample ID: 480-192511-6
Date Collected: 11/16/21 11:10
Matrix: Solid
Date Received: 11/17/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**2640**		1000	815	mg/Kg			11/24/21 13:12	1

Client Sample ID: SOH-SB-20 (12-13)
Lab Sample ID: 480-192511-6
Date Collected: 11/16/21 11:10
Matrix: Solid
Date Received: 11/17/21 10:00
Percent Solids: 90.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.2	0.31	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
1,1,2,2-Tetrachloroethane	ND		4.2	0.68	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.2	0.96	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
1,1,2-Trichloroethane	ND		4.2	0.55	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
1,1-Dichloroethane	ND		4.2	0.51	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
1,1-Dichloroethene	ND		4.2	0.52	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
1,2,4-Trichlorobenzene	ND		4.2	0.26	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
1,2-Dibromo-3-Chloropropane	ND		4.2	2.1	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
1,2-Dichlorobenzene	ND		4.2	0.33	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
1,2-Dichloroethane	ND		4.2	0.21	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
1,2-Dichloropropane	ND		4.2	2.1	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
1,3-Dichlorobenzene	ND		4.2	0.22	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
1,4-Dichlorobenzene	ND		4.2	0.59	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
2-Butanone (MEK)	ND		21	1.5	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
2-Hexanone	ND		21	2.1	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
4-Methyl-2-pentanone (MIBK)	ND		21	1.4	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
Acetone	**4.2**	**J**	21	3.6	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
Benzene	ND		4.2	0.21	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
Bromoform	ND		4.2	2.1	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
Bromomethane	ND		4.2	0.38	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
Carbon disulfide	ND		4.2	2.1	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1

Client Sample ID: SOH-SB-20 (12-13)
Lab Sample ID: 480-192511-6

Date Collected: 11/16/21 11:10
Matrix: Solid
Date Received: 11/17/21 10:00
Percent Solids: 90.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		4.2	0.41	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
Chlorobenzene	ND		4.2	0.56	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
Dibromochloromethane	ND		4.2	0.54	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
Chloroethane	ND		4.2	0.95	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
Chloroform	ND		4.2	0.26	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
Chloromethane	ND		4.2	0.25	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
cis-1,2-Dichloroethene	ND		4.2	0.54	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
Cyclohexane	ND		4.2	0.59	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
Bromodichloromethane	ND		4.2	0.57	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
Dichlorodifluoromethane	ND		4.2	0.35	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
Ethylbenzene	ND		4.2	0.29	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
1,2-Dibromoethane	ND		4.2	0.54	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
Isopropylbenzene	ND		4.2	0.64	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
Methyl acetate	ND		21	2.5	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
Methyl tert-butyl ether	ND		4.2	0.41	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
Methylcyclohexane	ND		4.2	0.64	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
Methylene Chloride	ND		4.2	1.9	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
Tetrachloroethene	ND		4.2	0.57	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
Toluene	ND		4.2	0.32	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
trans-1,2-Dichloroethene	ND		4.2	0.44	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
trans-1,3-Dichloropropene	ND		4.2	1.9	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
Trichloroethene	ND		4.2	0.93	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
Trichlorofluoromethane	ND		4.2	0.40	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
Vinyl chloride	ND		4.2	0.51	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
Xylenes, Total	ND		8.4	0.71	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
cis-1,3-Dichloropropene	ND		4.2	0.61	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1
Styrene	ND		4.2	0.21	ug/Kg	☼	11/17/21 11:00	11/18/21 11:16	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*11/17/21 11:00*	*11/18/21 11:16*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*64 - 126*	*11/17/21 11:00*	*11/18/21 11:16*	*1*
4-Bromofluorobenzene (Surr)	*85*		*72 - 126*	*11/17/21 11:00*	*11/18/21 11:16*	*1*
Toluene-d8 (Surr)	*112*		*71 - 125*	*11/17/21 11:00*	*11/18/21 11:16*	*1*
Dibromofluoromethane (Surr)	*107*		*60 - 140*	*11/17/21 11:00*	*11/18/21 11:16*	*1*

Client Sample ID: SOH-SB-20 (17-18)
Lab Sample ID: 480-192511-7

Date Collected: 11/16/21 11:20
Matrix: Solid
Date Received: 11/17/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**14000**		1000	815	mg/Kg			11/24/21 13:16	1

Client Sample ID: SOH-SB-20 (17-18)
Date Collected: 11/16/21 11:20
Date Received: 11/17/21 10:00

Lab Sample ID: 480-192511-7
Matrix: Solid
Percent Solids: 94.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	0.29	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
1,1,2,2-Tetrachloroethane	ND		4.0	0.64	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	0.91	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
1,1,2-Trichloroethane	ND		4.0	0.52	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
1,1-Dichloroethane	ND		4.0	0.48	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
1,1-Dichloroethene	ND		4.0	0.49	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
1,2,4-Trichlorobenzene	ND		4.0	0.24	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
1,2-Dibromo-3-Chloropropane	ND		4.0	2.0	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
1,2-Dichlorobenzene	ND		4.0	0.31	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
1,2-Dichloroethane	ND		4.0	0.20	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
1,2-Dichloropropane	ND		4.0	2.0	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
1,3-Dichlorobenzene	ND		4.0	0.20	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
1,4-Dichlorobenzene	ND		4.0	0.56	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
2-Butanone (MEK)	ND		20	1.5	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
2-Hexanone	ND		20	2.0	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
4-Methyl-2-pentanone (MIBK)	ND		20	1.3	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
Acetone	**4.6**	**J**	20	3.3	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
Benzene	ND		4.0	0.19	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
Bromoform	ND		4.0	2.0	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
Bromomethane	ND		4.0	0.36	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
Carbon disulfide	ND		4.0	2.0	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
Carbon tetrachloride	ND		4.0	0.38	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
Chlorobenzene	ND		4.0	0.52	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
Dibromochloromethane	ND		4.0	0.51	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
Chloroethane	ND		4.0	0.90	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
Chloroform	ND		4.0	0.25	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
Chloromethane	ND		4.0	0.24	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
cis-1,2-Dichloroethene	ND		4.0	0.51	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
Cyclohexane	ND		4.0	0.56	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
Bromodichloromethane	ND		4.0	0.53	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
Dichlorodifluoromethane	ND		4.0	0.33	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
Ethylbenzene	ND		4.0	0.27	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
1,2-Dibromoethane	ND		4.0	0.51	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
Isopropylbenzene	ND		4.0	0.60	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
Methyl acetate	ND		20	2.4	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
Methyl tert-butyl ether	ND		4.0	0.39	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
Methylcyclohexane	ND		4.0	0.60	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
Methylene Chloride	ND		4.0	1.8	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
Tetrachloroethene	ND		4.0	0.53	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
Toluene	ND		4.0	0.30	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
trans-1,2-Dichloroethene	ND		4.0	0.41	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
trans-1,3-Dichloropropene	ND		4.0	1.7	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
Trichloroethene	ND		4.0	0.87	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
Trichlorofluoromethane	ND		4.0	0.38	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
Vinyl chloride	ND		4.0	0.48	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
Xylenes, Total	ND		7.9	0.67	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
cis-1,3-Dichloropropene	ND		4.0	0.57	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1
Styrene	ND		4.0	0.20	ug/Kg	☼	11/17/21 11:00	11/18/21 11:41	1

Client Sample ID: SOH-SB-20 (17-18)
Date Collected: 11/16/21 11:20
Date Received: 11/17/21 10:00

Lab Sample ID: 480-192511-7
Matrix: Solid
Percent Solids: 94.4

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼			11/17/21 11:00	11/18/21 11:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	118		64 - 126	11/17/21 11:00	11/18/21 11:41	1
4-Bromofluorobenzene (Surr)	93		72 - 126	11/17/21 11:00	11/18/21 11:41	1
Toluene-d8 (Surr)	105		71 - 125	11/17/21 11:00	11/18/21 11:41	1
Dibromofluoromethane (Surr)	110		60 - 140	11/17/21 11:00	11/18/21 11:41	1

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192071-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: S6191.D

Lab ID: LCS 480-604541/1-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	2500	2690	107	73-120	
Trichloroethene	2500	2810	113	75-131	
Trichlorofluoromethane	2500	2020	81	29-158	
Vinyl chloride	2500	2640	106	59-124	
cis-1,3-Dichloropropene	2500	2650	106	75-121	
Styrene	2500	3050	122	80-120	*+

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192071-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: N9418.D

Lab ID: LCS 480-605962/1-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	2500	2810	112	73-120	
Trichloroethene	2500	2790	112	75-131	
Trichlorofluoromethane	2500	3090	124	29-158	
Vinyl chloride	2500	3320	133	59-124	*+
cis-1,3-Dichloropropene	2500	3020	121	75-121	
Styrene	2500	2900	116	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192071-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N9451.D

Lab ID: LCS 480-606107/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	25.0	28.2	113	73-126	
1,1,2,2-Tetrachloroethane	25.0	25.2	101	76-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.8	103	61-148	
1,1,2-Trichloroethane	25.0	24.1	97	76-122	
1,1-Dichloroethane	25.0	24.0	96	77-120	
1,1-Dichloroethene	25.0	24.2	97	66-127	
1,2,4-Trichlorobenzene	25.0	25.1	101	79-122	
1,2-Dibromo-3-Chloropropane	25.0	26.3	105	56-134	
1,2-Dichlorobenzene	25.0	23.9	96	80-124	
1,2-Dichloroethane	25.0	24.0	96	75-120	
1,2-Dichloropropane	25.0	26.5	106	76-120	
1,3-Dichlorobenzene	25.0	25.4	102	77-120	
1,4-Dichlorobenzene	25.0	24.7	99	80-120	
2-Butanone (MEK)	125	144	115	57-140	
2-Hexanone	125	139	111	65-127	
4-Methyl-2-pentanone (MIBK)	125	132	106	71-125	
Acetone	125	145	116	56-142	
Benzene	25.0	25.4	102	71-124	
Bromoform	25.0	29.1	116	61-132	
Bromomethane	25.0	22.0	88	55-144	
Carbon disulfide	25.0	27.1	108	59-134	
Carbon tetrachloride	25.0	30.7	123	72-134	
Chlorobenzene	25.0	25.2	101	80-120	
Dibromochloromethane	25.0	27.6	111	75-125	
Chloroethane	25.0	22.1	88	69-136	
Chloroform	25.0	23.1	92	73-127	
Chloromethane	25.0	21.3	85	68-124	
cis-1,2-Dichloroethene	25.0	24.8	99	74-124	
Cyclohexane	25.0	25.3	101	59-135	
Bromodichloromethane	25.0	26.0	104	80-122	
Dichlorodifluoromethane	25.0	12.3	49	59-135	*-
Ethylbenzene	25.0	26.1	105	77-123	
1,2-Dibromoethane	25.0	25.6	102	77-120	
Isopropylbenzene	25.0	27.0	108	77-122	
Methyl acetate	50.0	50.0	100	74-133	
Methyl tert-butyl ether	25.0	24.2	97	77-120	
Methylcyclohexane	25.0	25.4	101	68-134	
Methylene Chloride	25.0	26.3	105	75-124	
Tetrachloroethene	25.0	26.8	107	74-122	
Toluene	25.0	25.3	101	80-122	
trans-1,2-Dichloroethene	25.0	25.6	102	73-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192071-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: F5081.D

Lab ID: 480-192071-6 MS Client ID: SOH-SB-03 (33-34) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	43.9	ND	41.3	94	77-121	
1,1,2,2-Tetrachloroethane	43.9	ND	34.1	78	80-120	F1
1,1,2-Trichloro-1,2,2-trifluoroethane	43.9	ND	35.2	80	60-140	
1,1,2-Trichloroethane	43.9	ND	36.2	82	78-122	
1,1-Dichloroethane	43.9	79	117	87	73-126	
1,1-Dichloroethene	43.9	2.5 J	37.5	80	59-125	
1,2,4-Trichlorobenzene	43.9	ND	34.2	78	64-120	
1,2-Dibromo-3-Chloropropane	43.9	ND	27.3	62	63-124	F1
1,2-Dichlorobenzene	43.9	ND	39.5	90	75-120	
1,2-Dichloroethane	43.9	0.38 J	34.8	78	77-122	
1,2-Dichloropropane	43.9	ND	37.4	85	75-124	
1,3-Dichlorobenzene	43.9	ND	40.5	92	74-120	
1,4-Dichlorobenzene	43.9	ND	39.7	90	73-120	
2-Butanone (MEK)	220	ND	135	62	70-134	F1
2-Hexanone	220	ND	162	74	59-130	
4-Methyl-2-pentanone (MIBK)	220	ND	155	71	65-133	
Acetone	220	6.7 J	148	64	61-137	
Benzene	43.9	ND	38.1	87	79-127	
Bromoform	43.9	ND	35.9	82	68-126	
Bromomethane	43.9	ND	44.7	102	37-149	
Carbon disulfide	43.9	ND	33.6	76	64-131	
Carbon tetrachloride	43.9	ND	49.9	114	75-135	
Chlorobenzene	43.9	ND	41.0	93	76-124	
Dibromochloromethane	43.9	ND	38.9	89	76-125	
Chloroethane	43.9	ND	46.1	105	69-135	
Chloroform	43.9	ND	39.3	89	80-120	
Chloromethane	43.9	ND	38.6	88	63-127	
cis-1,2-Dichloroethene	43.9	15	50.9	81	80-120	
Cyclohexane	43.9	ND	36.6	83	65-120	
Bromodichloromethane	43.9	ND	42.7	97	80-122	
Dichlorodifluoromethane	43.9	ND	31.5	72	57-142	
Ethylbenzene	43.9	ND	43.1	98	80-120	
1,2-Dibromoethane	43.9	ND	35.0	80	78-120	
Isopropylbenzene	43.9	ND	43.2	98	72-120	
Methyl acetate	87.8	ND	54.8	62	55-136	
Methyl tert-butyl ether	43.9	ND	31.5	72	63-125	
Methylcyclohexane	43.9	ND	37.8	86	60-140	
Methylene Chloride	43.9	ND	33.7	77	61-127	
Tetrachloroethene	43.9	ND	42.6	97	74-122	
Toluene	43.9	ND	41.8	95	74-128	
trans-1,2-Dichloroethene	43.9	ND	38.4	87	78-126	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192071-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: F5081.D

Lab ID: 480-192071-6 MS Client ID: SOH-SB-03 (33-34) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	43.9	ND	39.5	90	73-123	
Trichloroethene	43.9	ND	38.6	88	77-129	
Trichlorofluoromethane	43.9	ND	38.9	88	65-146	
Vinyl chloride	43.9	1.6 J	41.3	90	61-133	
cis-1,3-Dichloropropene	43.9	ND	37.2	85	80-120	
Styrene	43.9	ND	42.0	96	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192071-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: F5230.D

Lab ID: 480-192393-6 MS Client ID: SOH-SB-18(20-21) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	42.5	9.1	39.6	72	77-121	F1
1,1,2,2-Tetrachloroethane	42.5	ND	31.4	74	80-120	F1
1,1,2-Trichloro-1,2,2-trifluoroethane	42.5	ND	37.4	88	60-140	
1,1,2-Trichloroethane	42.5	ND	35.8	84	78-122	
1,1-Dichloroethane	42.5	11	35.7	57	73-126	F1
1,1-Dichloroethene	42.5	ND	31.6	74	59-125	
1,2,4-Trichlorobenzene	42.5	ND	14.2	33	64-120	F1
1,2-Dibromo-3-Chloropropane	42.5	ND	26.9	63	63-124	
1,2-Dichlorobenzene	42.5	ND	27.6	65	75-120	F1
1,2-Dichloroethane	42.5	ND	33.5	79	77-122	
1,2-Dichloropropane	42.5	ND	34.9	82	75-124	
1,3-Dichlorobenzene	42.5	ND	24.9	59	74-120	F1
1,4-Dichlorobenzene	42.5	ND	24.8	58	73-120	F1
2-Butanone (MEK)	212	ND	135	64	70-134	F1
2-Hexanone	212	ND	163	77	59-130	
4-Methyl-2-pentanone (MIBK)	212	ND	167	78	65-133	
Acetone	212	17 J	196	84	61-137	
Benzene	42.5	ND	35.3	83	79-127	
Bromoform	42.5	ND	33.3	78	68-126	
Bromomethane	42.5	ND	39.8	94	37-149	
Carbon disulfide	42.5	ND	29.5	69	64-131	
Carbon tetrachloride	42.5	ND	46.0	108	75-135	
Chlorobenzene	42.5	ND	33.7	79	76-124	
Dibromochloromethane	42.5	ND	36.4	86	76-125	
Chloroethane	42.5	ND	41.6	98	69-135	
Chloroform	42.5	ND	36.9	87	80-120	
Chloromethane	42.5	ND	37.3	88	63-127	
cis-1,2-Dichloroethene	42.5	15	36.7	50	80-120	F1
Cyclohexane	42.5	ND	33.5	79	65-120	
Bromodichloromethane	42.5	ND	39.5	93	80-122	
Dichlorodifluoromethane	42.5	ND	31.8	75	57-142	
Ethylbenzene	42.5	ND	35.8	84	80-120	
1,2-Dibromoethane	42.5	ND	32.2	76	78-120	F1
Isopropylbenzene	42.5	ND	37.0	87	72-120	
Methyl acetate	84.9	ND	62.8	74	55-136	
Methyl tert-butyl ether	42.5	ND	32.4	76	63-125	
Methylcyclohexane	42.5	ND	32.5	77	60-140	
Methylene Chloride	42.5	ND	32.7	77	61-127	
Tetrachloroethene	42.5	ND	35.8	84	74-122	
Toluene	42.5	ND	38.3	90	74-128	
trans-1,2-Dichloroethene	42.5	ND	35.7	84	78-126	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192071-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: F5230.D

Lab ID: 480-192393-6 MS Client ID: SOH-SB-18(20-21) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	42.5	ND	32.7	77	73-123	
Trichloroethene	42.5	9.0	35.4	62	77-129	F1
Trichlorofluoromethane	42.5	ND	33.5	79	65-146	
Vinyl chloride	42.5	ND	37.4	88	61-133	
cis-1,3-Dichloropropene	42.5	ND	30.7	72	80-120	F1
Styrene	42.5	ND	32.0	75	80-120	F1

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192071-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: F5082.D

Lab ID: 480-192071-6 MSD Client ID: SOH-SB-03 (33-34) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	44.3	39.7	90	4	30	77-121	
1,1,2,2-Tetrachloroethane	44.3	34.8	79	2	30	80-120	F1
1,1,2-Trichloro-1,2,2-trifluoroethane	44.3	34.4	78	2	30	60-140	
1,1,2-Trichloroethane	44.3	37.3	84	3	30	78-122	
1,1-Dichloroethane	44.3	152	166	26	30	73-126	F1
1,1-Dichloroethene	44.3	36.2	76	3	30	59-125	
1,2,4-Trichlorobenzene	44.3	34.0	77	1	30	64-120	
1,2-Dibromo-3-Chloropropane	44.3	29.8	67	9	30	63-124	
1,2-Dichlorobenzene	44.3	37.8	85	4	30	75-120	
1,2-Dichloroethane	44.3	36.0	80	3	30	77-122	
1,2-Dichloropropane	44.3	36.9	83	1	30	75-124	
1,3-Dichlorobenzene	44.3	37.9	86	7	30	74-120	
1,4-Dichlorobenzene	44.3	37.0	84	7	30	73-120	
2-Butanone (MEK)	221	146	66	8	30	70-134	F1
2-Hexanone	221	174	78	7	30	59-130	
4-Methyl-2-pentanone (MIBK)	221	166	75	7	30	65-133	
Acetone	221	155	67	4	30	61-137	
Benzene	44.3	36.9	83	3	30	79-127	
Bromoform	44.3	35.7	81	0	30	68-126	
Bromomethane	44.3	42.2	95	6	30	37-149	
Carbon disulfide	44.3	32.7	74	3	30	64-131	
Carbon tetrachloride	44.3	47.6	107	5	30	75-135	
Chlorobenzene	44.3	38.7	87	6	30	76-124	
Dibromochloromethane	44.3	39.0	88	0	30	76-125	
Chloroethane	44.3	46.1	104	0	30	69-135	
Chloroform	44.3	38.5	87	2	30	80-120	
Chloromethane	44.3	36.5	82	6	30	63-127	
cis-1,2-Dichloroethene	44.3	52.0	83	2	30	80-120	
Cyclohexane	44.3	35.2	79	4	30	65-120	
Bromodichloromethane	44.3	42.0	95	2	30	80-122	
Dichlorodifluoromethane	44.3	31.3	71	1	30	57-142	
Ethylbenzene	44.3	40.5	91	6	30	80-120	
1,2-Dibromoethane	44.3	35.2	80	1	30	78-120	
Isopropylbenzene	44.3	40.8	92	6	30	72-120	
Methyl acetate	88.6	59.6	67	8	30	55-136	
Methyl tert-butyl ether	44.3	33.5	76	6	30	63-125	
Methylcyclohexane	44.3	35.9	81	5	30	60-140	
Methylene Chloride	44.3	34.2	77	2	30	61-127	
Tetrachloroethene	44.3	38.8	88	9	30	74-122	
Toluene	44.3	38.9	88	7	30	74-128	
trans-1,2-Dichloroethene	44.3	37.0	84	4	30	78-126	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192071-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: F5231.D

Lab ID: 480-192393-6 MSD Client ID: SOH-SB-18(20-21) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	48.3	42.6	69	7	30	77-121	F1
1,1,2,2-Tetrachloroethane	48.3	36.4	75	14	30	80-120	F1
1,1,2-Trichloro-1,2,2-trifluoroethane	48.3	36.9	76	1	30	60-140	
1,1,2-Trichloroethane	48.3	39.5	82	10	30	78-122	
1,1-Dichloroethane	48.3	38.7	57	8	30	73-126	F1
1,1-Dichloroethene	48.3	34.5	72	9	30	59-125	
1,2,4-Trichlorobenzene	48.3	20.9	43	39	30	64-120	F1 F2
1,2-Dibromo-3-Chloropropane	48.3	31.8	66	17	30	63-124	
1,2-Dichlorobenzene	48.3	34.0	71	21	30	75-120	F1
1,2-Dichloroethane	48.3	37.3	77	11	30	77-122	
1,2-Dichloropropane	48.3	37.9	79	8	30	75-124	
1,3-Dichlorobenzene	48.3	31.0	64	22	30	74-120	F1
1,4-Dichlorobenzene	48.3	30.7	64	21	30	73-120	F1
2-Butanone (MEK)	241	155	64	14	30	70-134	F1
2-Hexanone	241	184	76	12	30	59-130	
4-Methyl-2-pentanone (MIBK)	241	187	78	12	30	65-133	
Acetone	241	161	59	20	30	61-137	F1
Benzene	48.3	38.0	79	7	30	79-127	
Bromoform	48.3	37.7	78	12	30	68-126	
Bromomethane	48.3	43.2	89	8	30	37-149	
Carbon disulfide	48.3	31.2	65	6	30	64-131	
Carbon tetrachloride	48.3	48.9	101	6	30	75-135	
Chlorobenzene	48.3	37.4	77	10	30	76-124	
Dibromochloromethane	48.3	40.5	84	11	30	76-125	
Chloroethane	48.3	42.8	89	3	30	69-135	
Chloroform	48.3	39.4	82	7	30	80-120	
Chloromethane	48.3	38.2	79	2	30	63-127	
cis-1,2-Dichloroethene	48.3	39.6	50	8	30	80-120	F1
Cyclohexane	48.3	35.1	73	5	30	65-120	
Bromodichloromethane	48.3	43.1	89	9	30	80-122	
Dichlorodifluoromethane	48.3	35.3	73	10	30	57-142	
Ethylbenzene	48.3	39.3	81	9	30	80-120	
1,2-Dibromoethane	48.3	36.5	76	13	30	78-120	F1
Isopropylbenzene	48.3	40.4	84	9	30	72-120	
Methyl acetate	96.5	69.2	72	10	30	55-136	
Methyl tert-butyl ether	48.3	35.6	74	9	30	63-125	
Methylcyclohexane	48.3	34.9	72	7	30	60-140	
Methylene Chloride	48.3	35.7	74	9	30	61-127	
Tetrachloroethene	48.3	38.0	79	6	30	74-122	
Toluene	48.3	40.3	84	5	30	74-128	
trans-1,2-Dichloroethene	48.3	38.3	79	7	30	78-126	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192071-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: F5231.D

Lab ID: 480-192393-6 MSD Client ID: SOH-SB-18(20-21) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
trans-1,3-Dichloropropene	48.3	36.6	76	11	30	73-123	
Trichloroethene	48.3	39.7	64	11	30	77-129	F1
Trichlorofluoromethane	48.3	31.5	65	6	30	65-146	
Vinyl chloride	48.3	38.8	80	4	30	61-133	
cis-1,3-Dichloropropene	48.3	35.3	73	14	30	80-120	F1
Styrene	48.3	36.5	76	13	30	80-120	F1

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192071-1

SDG No.:

Sample No.: CCVIS 480-605260/2 Date Analyzed: 11/16/2021 17:43

Instrument ID: HP5973F GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Lab File ID (Standard): F5233.D Heated Purge: (Y/N) Y

Calibration ID: 42455

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		148235	5.55	301643	8.38	301436	10.70
UPPER LIMIT		296470	6.05	603286	8.88	602872	11.20
LOWER LIMIT		74118	5.05	150822	7.88	150718	10.20
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-605264/1-A		141945	5.55	294954	8.38	281332	10.70
MB 480-605264/2-A		130221	5.55	267969	8.38	242655	10.70
480-192393-4	SOH-SB-18(6-7)	9249*3	5.55	18986*3	8.38	19330*3	10.70
480-192428-1	SOH-SB-10 (2-3)	129879	5.55	269945	8.38	245049	10.70
480-192428-3	SOH-SB-10 (25-26)	119442	5.55	247058	8.38	221889	10.70
480-192428-4	SOH-SB-09 (3-4)	117218	5.55	235102	8.38	211274	10.70
480-192428-5	SOH-SB-DUP-2	117462	5.55	242073	8.38	216181	10.70
480-192456-2	SOH-SB-24 (23-24)	126127	5.55	264185	8.38	238974	10.70

FB = Fluorobenzene (IS)
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192071-1 Analy Batch No.: 604142

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/09/2021 18:01 Calibration End Date: 11/09/2021 20:34 Calibration ID: 42693

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Iodomethane	1.8132 2.0178	2.0753 2.1760	1.8769 2.3026	2.1184	2.1724	Ave		2.0691				7.8		20.0			
Carbon disulfide	+++++ 2.2035	1.5942 2.8817	1.4166 +++++	1.7657	2.0933	Ave		1.9925			0.1000	26.4	*	20.0			
Allyl chloride	1.5644 1.5263	1.7264 1.6382	1.4623 1.7248	1.6014	1.6251	Ave		1.6086				5.7		20.0			
Methyl acetate	1.4765 1.1387	1.3146 1.1819	1.1837 1.1789	1.1760	1.1635	Ave		1.2267			0.1000	9.3		20.0			
Methylene Chloride	1.5077 1.3271	1.4959 1.3852	1.3054 1.4676	1.4238	1.4235	Lin1	-0.012	1.4238			0.1000	6.1			0.9990		0.9900
2-Methyl-2-propanol	0.1988 0.2345	0.2091 0.2443	0.2130 0.2354	0.2278	0.2261	Ave		0.2236				6.9		20.0			
Methyl tert-butyl ether	3.6269 3.9341	3.8182 4.0530	3.5340 4.2564	4.0104	4.0703	Ave		3.9129			0.1000	6.2		20.0			
trans-1,2-Dichloroethene	1.1338 1.3365	1.3209 1.4580	1.2221 1.5385	1.3719	1.4286	Ave		1.3513			0.1000	9.6		20.0			
Acrylonitrile	0.5359 0.6034	0.5909 0.6226	0.5537 0.6158	0.6064	0.6058	Ave		0.5918				5.2		20.0			
Hexane	+++++ 1.5431	1.6541 1.7337	1.2470 1.7574	1.4650	1.6220	Ave		1.5746				11.2		20.0			
1,1-Dichloroethane	1.9408 2.1752	2.1449 2.3008	1.9759 2.4157	2.2226	2.2719	Ave		2.1810			0.2000	7.4		20.0			
Vinyl acetate	2.5624 2.8284	2.6320 2.9209	2.4539 2.9061	2.6571	2.7200	Ave		2.7101				6.1		20.0			
2,2-Dichloropropane	+++++ 1.3330	1.3536 1.4546	1.1340 1.5828	1.3838	1.4718	Ave		1.3876				10.1		20.0			
cis-1,2-Dichloroethene	1.3581 1.5112	1.7435 1.6079	1.4182 1.7148	1.5475	1.5898	Ave		1.5614			0.1000	8.5		20.0			
2-Butanone (MEK)	0.9294 0.8430	0.9460 0.8726	0.8222 0.8274	0.8381	0.8006	Ave		0.8599			0.1000	6.1		20.0			
Chlorobromomethane	0.6984 0.8078	0.7827 0.8440	0.7213 0.8907	0.8074	0.8380	Ave		0.7988				8.0		20.0			
Tetrahydrofuran	0.5134 0.5313	0.5613 0.5416	0.5109 0.5253	0.5358	0.5196	Ave		0.5299				3.1		20.0			
Chloroform	2.7620 2.3909	2.6166 2.4720	2.2974 2.5586	2.5231	2.5250	Ave		2.5182			0.2000	5.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192071-1 Analy Batch No.: 604142

SDG No.:

Instrument ID: HP5977L GC Column: ZB-624 (30) ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/09/2021 18:01 Calibration End Date: 11/09/2021 20:34 Calibration ID: 42693

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethyl methacrylate	0.5409 0.4880	0.5158 0.5075	0.4434 0.4970	0.4864	0.4653	Ave		0.4930				6.1		20.0			
trans-1,3-Dichloropropene	0.3396 0.4881	0.3863 0.5248	0.3656 +++++	0.4336	0.4423	Lin1	-0.1277	0.5051			0.1000	16.5			0.9960		0.9900
1,1,2-Trichloroethane	0.2575 0.2546	0.2690 0.2609	0.2471 0.2598	0.2700	0.2543	Ave		0.2591			0.1000	3.0		20.0			
Tetrachloroethene	0.2821 0.3642	0.3712 0.3941	0.3218 0.3977	0.3815	0.3884	Ave		0.3626			0.2000	11.2		20.0			
1,3-Dichloropropane	0.4538 0.5338	0.5378 0.5535	0.4904 0.5504	0.5430	0.5189	Ave		0.5227				6.6		20.0			
2-Hexanone	0.2737 0.2907	0.2938 0.2919	0.2753 0.2601	0.2989	0.2715	Ave		0.2820			0.1000	4.8		20.0			
Dibromochloromethane	0.1397 0.2787	0.1878 0.3207	0.1950 +++++	0.2306	0.2441	Ave		0.2281			0.1000	26.5	*	20.0			
1,2-Dibromoethane	0.2773 0.3392	0.3216 0.3507	0.2999 0.3451	0.3365	0.3288	Ave		0.3249				7.7		20.0			
Chlorobenzene	0.9012 0.9451	0.9933 0.9825	0.8951 0.9899	0.9981	0.9656	Ave		0.9588			0.5000	4.3		20.0			
Ethylbenzene	1.3920 1.5421	1.5789 1.6295	1.3794 1.6212	1.5894	1.5908	Ave		1.5404			0.1000	6.4		20.0			
1,1,1,2-Tetrachloroethane	0.2413 0.3323	0.2650 0.3550	0.2599 0.3761	0.3165	0.3331	Ave		0.3099				15.8		20.0			
m,p-Xylene	0.5268 0.6172	0.6088 0.6447	0.5456 0.6451	0.6368	0.6315	Ave		0.6070			0.1000	7.5		20.0			
o-Xylene	0.5646 0.6188	0.5942 0.6502	0.5562 0.6730	0.6348	0.6461	Ave		0.6172			0.3000	6.8		20.0			
Styrene	0.8914 1.0468	0.9852 1.1072	0.9138 1.1144	1.0526	1.0279	Ave		1.0174			0.3000	8.1		20.0			
Bromoform	+++++ 0.1838	0.1155 0.2218	0.1168 +++++	0.1423	0.1534	Ave		0.1556			0.1000	26.5	*	20.0			
Isopropylbenzene	2.3521 2.7164	2.6903 3.0856	2.3978 3.0815	3.0246	2.8861	Ave		2.7793			0.1000	10.5		20.0			
1,1,2,2-Tetrachloroethane	0.7842 0.8326	0.7890 0.9100	0.7416 0.8916	0.9003	0.8291	Ave		0.8348			0.3000	7.4		20.0			
Bromobenzene	0.6964 0.7111	0.7109 0.7861	0.6706 0.7937	0.8197	0.7262	Ave		0.7394				7.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192071-1

SDG No.:

Lab Sample ID: CCVIS 480-604890/4 Calibration Date: 11/15/2021 07:01

Instrument ID: HP5973F Calib Start Date: 10/05/2021 00:58

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 10/05/2021 03:25

Lab File ID: F5150.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	1.781	1.118	0.1000	31.4	50.0	-37.2	50.0
Chloromethane	Ave	1.946	1.720	0.1000	44.2	50.0	-11.6	20.0
Vinyl chloride	Ave	1.937	1.761	0.1000	45.5	50.0	-9.1	20.0
Butadiene	Ave	1.465	1.189		40.6	50.0	-18.9	20.0
Bromomethane	Ave	1.093	1.153	0.1000	52.8	50.0	5.6	50.0
Chloroethane	Ave	0.9586	0.8488	0.1000	44.3	50.0	-11.5	50.0
Dichlorofluoromethane	Ave	2.256	1.945		43.1	50.0	-13.8	20.0
Trichlorofluoromethane	Ave	2.087	1.745	0.1000	41.8	50.0	-16.4	20.0
Ethyl ether	Ave	1.546	1.409		45.6	50.0	-8.9	20.0
Acrolein	Ave	0.0767	0.0540		176	250	-29.6	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.9743	0.7813	0.1000	40.1	50.0	-19.8	20.0
1,1-Dichloroethene	Ave	1.359	1.014	0.1000	37.3	50.0	-25.4*	20.0
Acetone	Ave	0.4996	0.4990	0.1000	250	250	-0.1	50.0
Iodomethane	Ave	2.505	1.911		38.1	50.0	-23.7*	20.0
Carbon disulfide	Ave	4.428	2.958	0.1000	33.4	50.0	-33.2*	20.0
Methyl acetate	Ave	1.068	1.041	0.1000	97.4	100	-2.6	50.0
Allyl chloride	Ave	2.635	2.117		40.2	50.0	-19.7	20.0
Methylene Chloride	Lin1		1.483	0.1000	40.6	50.0	-18.7	20.0
2-Methyl-2-propanol	Ave	0.1382	0.1581		572	500	14.4	50.0
Methyl tert-butyl ether	Ave	3.725	3.219	0.1000	43.2	50.0	-13.6	20.0
Acrylonitrile	Ave	0.5868	0.5595		477	500	-4.7	20.0
trans-1,2-Dichloroethene	Ave	1.765	1.583	0.1000	44.9	50.0	-10.3	20.0
Hexane	Ave	3.403	2.450		36.0	50.0	-28.0*	20.0
Vinyl acetate	Ave	3.065	2.653		86.6	100	-13.4	20.0
1,1-Dichloroethane	Ave	3.346	2.947	0.2000	44.0	50.0	-11.9	20.0
2-Butanone (MEK)	Ave	0.7304	0.6983	0.1000	239	250	-4.4	20.0
2,2-Dichloropropane	Ave	1.878	1.634		43.5	50.0	-13.0	20.0
cis-1,2-Dichloroethene	Ave	1.872	1.734	0.1000	46.3	50.0	-7.4	20.0
Chlorobromomethane	Ave	0.9095	0.8459		46.5	50.0	-7.0	20.0
Tetrahydrofuran	Ave	0.4535	0.4364		96.2	100	-3.8	20.0
Chloroform	Ave	3.130	2.860	0.2000	45.7	50.0	-8.6	20.0
1,1,1-Trichloroethane	Ave	2.414	2.212	0.1000	45.8	50.0	-8.4	20.0
Cyclohexane	Ave	2.841	2.262	0.1000	39.8	50.0	-20.4*	20.0
1,1-Dichloropropene	Ave	2.535	2.174		42.9	50.0	-14.2	20.0
Carbon tetrachloride	Ave	1.825	1.959	0.1000	53.6	50.0	7.3	20.0
Isobutyl alcohol	Ave	0.0651	0.0714		1370	1250	9.5	50.0
Benzene	Ave	7.250	6.380	0.5000	44.0	50.0	-12.0	20.0
1,2-Dichloroethane	Ave	2.615	2.427	0.1000	46.4	50.0	-7.2	20.0
n-Heptane	Ave	3.145	2.469		39.3	50.0	-21.5*	20.0
Trichloroethene	Ave	1.803	1.589	0.2000	44.1	50.0	-11.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192071-1

SDG No.:

Lab Sample ID: CCVIS 480-605064/2 Calibration Date: 11/15/2021 18:20

Instrument ID: HP5973F Calib Start Date: 10/05/2021 00:58

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 10/05/2021 03:25

Lab File ID: F5177.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	1.781	1.614	0.1000	45.3	50.0	-9.3	50.0
Chloromethane	Ave	1.946	1.916	0.1000	49.2	50.0	-1.6	20.0
Vinyl chloride	Ave	1.937	2.005	0.1000	51.8	50.0	3.5	20.0
Butadiene	Ave	1.465	1.399		47.8	50.0	-4.5	20.0
Bromomethane	Ave	1.093	1.139	0.1000	52.1	50.0	4.3	50.0
Chloroethane	Ave	0.9586	0.9849	0.1000	51.4	50.0	2.7	50.0
Dichlorofluoromethane	Ave	2.256	1.911		42.4	50.0	-15.3	20.0
Trichlorofluoromethane	Ave	2.087	2.434	0.1000	58.3	50.0	16.6	20.0
Ethyl ether	Ave	1.546	1.487		48.1	50.0	-3.8	20.0
Acrolein	Ave	0.0767	0.0583		190	250	-24.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.9743	0.9246	0.1000	47.5	50.0	-5.1	20.0
1,1-Dichloroethene	Ave	1.359	1.325	0.1000	48.8	50.0	-2.5	20.0
Acetone	Ave	0.4996	0.5189	0.1000	260	250	3.9	50.0
Iodomethane	Ave	2.505	2.234		44.6	50.0	-10.8	20.0
Carbon disulfide	Ave	4.428	4.072	0.1000	46.0	50.0	-8.0	20.0
Methyl acetate	Ave	1.068	1.073	0.1000	100	100	0.5	50.0
Allyl chloride	Ave	2.635	2.517		47.7	50.0	-4.5	20.0
Methylene Chloride	Lin1		1.617	0.1000	44.6	50.0	-10.8	20.0
2-Methyl-2-propanol	Ave	0.1382	0.1658		600	500	19.9	50.0
Methyl tert-butyl ether	Ave	3.725	3.130	0.1000	42.0	50.0	-16.0	20.0
Acrylonitrile	Ave	0.5868	0.5836		497	500	-0.5	20.0
trans-1,2-Dichloroethene	Ave	1.765	1.823	0.1000	51.7	50.0	3.3	20.0
Hexane	Ave	3.403	3.048		44.8	50.0	-10.4	20.0
Vinyl acetate	Ave	3.065	3.482		114	100	13.6	20.0
1,1-Dichloroethane	Ave	3.346	3.338	0.2000	49.9	50.0	-0.2	20.0
2-Butanone (MEK)	Ave	0.7304	0.7286	0.1000	249	250	-0.3	20.0
2,2-Dichloropropane	Ave	1.878	2.026		53.9	50.0	7.9	20.0
cis-1,2-Dichloroethene	Ave	1.872	1.909	0.1000	51.0	50.0	2.0	20.0
Chlorobromomethane	Ave	0.9095	0.8972		49.3	50.0	-1.3	20.0
Tetrahydrofuran	Ave	0.4535	0.4414		97.3	100	-2.7	20.0
Chloroform	Ave	3.130	3.142	0.2000	50.2	50.0	0.4	20.0
1,1,1-Trichloroethane	Ave	2.414	2.624	0.1000	54.4	50.0	8.7	20.0
Cyclohexane	Ave	2.841	2.693	0.1000	47.4	50.0	-5.2	20.0
1,1-Dichloropropene	Ave	2.535	2.604		51.4	50.0	2.7	20.0
Carbon tetrachloride	Ave	1.825	2.372	0.1000	65.0	50.0	29.9*	20.0
Isobutyl alcohol	Ave	0.0651	0.0730		1400	1250	12.0	50.0
Benzene	Ave	7.250	7.135	0.5000	49.2	50.0	-1.6	20.0
1,2-Dichloroethane	Ave	2.615	2.591	0.1000	49.5	50.0	-1.0	20.0
n-Heptane	Ave	3.145	2.982		47.4	50.0	-5.2	20.0
Trichloroethene	Ave	1.803	1.795	0.2000	49.8	50.0	-0.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192071-1

SDG No.:

Lab Sample ID: CCVIS 480-605079/4 Calibration Date: 11/16/2021 06:12

Instrument ID: HP5973F Calib Start Date: 10/05/2021 00:58

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 10/05/2021 03:25

Lab File ID: F5206.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	1.781	1.678	0.1000	47.1	50.0	-5.8	50.0
Chloromethane	Ave	1.946	2.094	0.1000	53.8	50.0	7.6	20.0
Vinyl chloride	Ave	1.937	2.080	0.1000	53.7	50.0	7.4	20.0
Butadiene	Ave	1.465	1.513		51.6	50.0	3.3	20.0
Bromomethane	Ave	1.093	1.321	0.1000	60.4	50.0	20.9	50.0
Chloroethane	Ave	0.9586	0.9438	0.1000	49.2	50.0	-1.6	50.0
Dichlorofluoromethane	Ave	2.256	2.239		49.6	50.0	-0.8	20.0
Trichlorofluoromethane	Ave	2.087	1.954	0.1000	46.8	50.0	-6.4	20.0
Ethyl ether	Ave	1.546	1.580		51.1	50.0	2.2	20.0
Acrolein	Ave	0.0767	0.0576		188	250	-24.8	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.9743	1.013	0.1000	52.0	50.0	4.0	20.0
1,1-Dichloroethene	Ave	1.359	1.280	0.1000	47.1	50.0	-5.8	20.0
Acetone	Ave	0.4996	0.5385	0.1000	269	250	7.8	50.0
Iodomethane	Ave	2.505	2.200		43.9	50.0	-12.2	20.0
Carbon disulfide	Ave	4.428	4.015	0.1000	45.3	50.0	-9.3	20.0
Methyl acetate	Ave	1.068	1.115	0.1000	104	100	4.4	50.0
Allyl chloride	Ave	2.635	2.439		46.3	50.0	-7.4	20.0
Methylene Chloride	Lin1		1.719	0.1000	47.6	50.0	-4.8	20.0
2-Methyl-2-propanol	Ave	0.1382	0.1659		600	500	20.0	50.0
Methyl tert-butyl ether	Ave	3.725	3.405	0.1000	45.7	50.0	-8.6	20.0
Acrylonitrile	Ave	0.5868	0.6071		517	500	3.5	20.0
trans-1,2-Dichloroethene	Ave	1.765	1.812	0.1000	51.3	50.0	2.7	20.0
Hexane	Ave	3.403	2.909		42.7	50.0	-14.5	20.0
Vinyl acetate	Ave	3.065	3.088		101	100	0.7	20.0
1,1-Dichloroethane	Ave	3.346	3.355	0.2000	50.1	50.0	0.3	20.0
2-Butanone (MEK)	Ave	0.7304	0.7376	0.1000	252	250	1.0	20.0
2,2-Dichloropropane	Ave	1.878	1.895		50.5	50.0	0.9	20.0
cis-1,2-Dichloroethene	Ave	1.872	1.891	0.1000	50.5	50.0	1.0	20.0
Chlorobromomethane	Ave	0.9095	0.9203		50.6	50.0	1.2	20.0
Tetrahydrofuran	Ave	0.4535	0.4446		98.0	100	-2.0	20.0
Chloroform	Ave	3.130	3.218	0.2000	51.4	50.0	2.8	20.0
1,1,1-Trichloroethane	Ave	2.414	2.539	0.1000	52.6	50.0	5.2	20.0
Cyclohexane	Ave	2.841	2.673	0.1000	47.0	50.0	-5.9	20.0
1,1-Dichloropropene	Ave	2.535	2.493		49.2	50.0	-1.6	20.0
Carbon tetrachloride	Ave	1.825	2.312	0.1000	63.3	50.0	26.6*	20.0
Isobutyl alcohol	Ave	0.0651	0.0745		1430	1250	14.4	50.0
Benzene	Ave	7.250	7.183	0.5000	49.5	50.0	-0.9	20.0
1,2-Dichloroethane	Ave	2.615	2.684	0.1000	51.3	50.0	2.6	20.0
n-Heptane	Ave	3.145	2.825		44.9	50.0	-10.2	20.0
Trichloroethene	Ave	1.803	1.778	0.2000	49.3	50.0	-1.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192071-1

SDG No.:

Lab Sample ID: CCVIS 480-605260/2 Calibration Date: 11/16/2021 17:43

Instrument ID: HP5973F Calib Start Date: 10/05/2021 00:58

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 10/05/2021 03:25

Lab File ID: F5233.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	3.218	3.031	0.1000	47.1	50.0	-5.8	20.0
1,2-Dichloropropane	Ave	1.795	1.706	0.1000	47.5	50.0	-5.0	20.0
1,4-Dioxane	Lin1		0.0098		1290	1000	29.5	50.0
Dibromomethane	Ave	1.003	1.018	0.1000	50.7	50.0	1.4	20.0
Bromodichloromethane	Ave	1.971	2.190	0.2000	55.6	50.0	11.1	20.0
2-Chloroethyl vinyl ether	Ave	0.7545	0.8143		54.0	50.0	7.9	20.0
cis-1,3-Dichloropropene	Ave	2.638	2.714	0.2000	51.4	50.0	2.9	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.6350	0.8212	0.1000	323	250	29.3*	20.0
Toluene	Ave	2.047	2.231	0.4000	54.5	50.0	8.9	20.0
trans-1,3-Dichloropropene	Ave	1.039	1.270	0.1000	61.1	50.0	22.2*	20.0
Ethyl methacrylate	Ave	0.7892	1.039		65.8	50.0	31.7*	20.0
1,1,2-Trichloroethane	Ave	0.5049	0.5751	0.1000	56.9	50.0	13.9	20.0
Tetrachloroethene	Ave	0.9028	1.019	0.2000	56.5	50.0	12.9	20.0
1,3-Dichloropropane	Ave	1.112	1.246		56.0	50.0	12.1	20.0
2-Hexanone	Ave	0.4404	0.6131	0.1000	348	250	39.2*	20.0
Dibromochloromethane	Lin1		0.7615	0.1000	57.8	50.0	15.7	20.0
1,2-Dibromoethane	Ave	0.5981	0.7057		59.0	50.0	18.0	20.0
Chlorobenzene	Ave	2.161	2.387	0.5000	55.2	50.0	10.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.6300	0.8473		67.2	50.0	34.5*	20.0
Ethylbenzene	Ave	3.662	4.131	0.1000	56.4	50.0	12.8	20.0
m,p-Xylene	Ave	1.448	1.641	0.1000	56.7	50.0	13.4	20.0
o-Xylene	Ave	1.390	1.561	0.3000	56.2	50.0	12.3	20.0
Styrene	Ave	2.314	2.619	0.3000	56.6	50.0	13.2	20.0
Bromoform	Lin1		0.5093	0.1000	61.1	50.0	22.2	50.0
Isopropylbenzene	Ave	3.741	4.131	0.1000	55.2	50.0	10.4	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7501	0.8728	0.3000	58.2	50.0	16.4	20.0
Bromobenzene	Ave	0.9276	1.016		54.8	50.0	9.6	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2611	0.3364		64.4	50.0	28.8	50.0
1,2,3-Trichloropropane	Ave	0.2466	0.3016		61.1	50.0	22.3*	20.0
N-Propylbenzene	Ave	4.411	4.941		56.0	50.0	12.0	20.0
2-Chlorotoluene	Ave	0.8620	0.9576		55.5	50.0	11.1	20.0
1,3,5-Trimethylbenzene	Ave	3.164	3.528		55.8	50.0	11.5	20.0
4-Chlorotoluene	Ave	0.9031	0.998		55.3	50.0	10.5	20.0
tert-Butylbenzene	Ave	0.6980	0.7707		55.2	50.0	10.4	20.0
1,2,4-Trimethylbenzene	Ave	3.196	3.590		56.2	50.0	12.3	20.0
sec-Butylbenzene	Ave	4.037	4.497		55.7	50.0	11.4	20.0
4-Isopropyltoluene	Ave	3.462	3.906		56.4	50.0	12.8	20.0
1,3-Dichlorobenzene	Ave	1.831	2.034	0.6000	55.6	50.0	11.1	20.0
1,4-Dichlorobenzene	Ave	1.835	2.037	0.5000	55.5	50.0	11.0	20.0
n-Butylbenzene	Ave	3.100	3.491		56.3	50.0	12.6	20.0
1,2-Dichlorobenzene	Ave	1.681	1.860	0.4000	55.3	50.0	10.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192071-1

SDG No.:

Lab Sample ID: CCVIS 480-605478/3 Calibration Date: 11/17/2021 18:40

Instrument ID: HP5973F Calib Start Date: 10/05/2021 00:58

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 10/05/2021 03:25

Lab File ID: F5290.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	1.781	1.563	0.1000	43.9	50.0	-12.2	50.0
Chloromethane	Ave	1.946	2.034	0.1000	52.2	50.0	4.5	20.0
Vinyl chloride	Ave	1.937	2.012	0.1000	51.9	50.0	3.9	20.0
Butadiene	Ave	1.465	1.440		49.2	50.0	-1.7	20.0
Bromomethane	Ave	1.093	1.203	0.1000	55.0	50.0	10.1	50.0
Chloroethane	Ave	0.9586	0.8461	0.1000	44.1	50.0	-11.7	50.0
Dichlorofluoromethane	Ave	2.256	2.208		48.9	50.0	-2.1	20.0
Trichlorofluoromethane	Ave	2.087	1.914	0.1000	45.9	50.0	-8.3	20.0
Ethyl ether	Ave	1.546	1.485		48.0	50.0	-3.9	20.0
Acrolein	Ave	0.0767	0.0579		189	250	-24.5	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.9743	0.8900	0.1000	45.7	50.0	-8.6	20.0
1,1-Dichloroethene	Ave	1.359	1.262	0.1000	46.4	50.0	-7.1	20.0
Acetone	Ave	0.4996	0.5304	0.1000	265	250	6.2	50.0
Iodomethane	Ave	2.505	2.099		41.9	50.0	-16.2	20.0
Carbon disulfide	Ave	4.428	3.938	0.1000	44.5	50.0	-11.0	20.0
Methyl acetate	Ave	1.068	1.067	0.1000	99.9	100	-0.0	50.0
Allyl chloride	Ave	2.635	2.513		47.7	50.0	-4.7	20.0
Methylene Chloride	Lin1		1.574	0.1000	43.3	50.0	-13.3	20.0
2-Methyl-2-propanol	Ave	0.1382	0.1672		605	500	21.0	50.0
Methyl tert-butyl ether	Ave	3.725	3.319	0.1000	44.6	50.0	-10.9	20.0
Acrylonitrile	Ave	0.5868	0.5925		505	500	1.0	20.0
trans-1,2-Dichloroethene	Ave	1.765	1.834	0.1000	52.0	50.0	3.9	20.0
Hexane	Ave	3.403	3.058		44.9	50.0	-10.1	20.0
Vinyl acetate	Ave	3.065	3.376		110	100	10.1	20.0
1,1-Dichloroethane	Ave	3.346	3.350	0.2000	50.1	50.0	0.1	20.0
2-Butanone (MEK)	Ave	0.7304	0.7371	0.1000	252	250	0.9	20.0
2,2-Dichloropropane	Ave	1.878	2.001		53.3	50.0	6.6	20.0
cis-1,2-Dichloroethene	Ave	1.872	1.894	0.1000	50.6	50.0	1.2	20.0
Chlorobromomethane	Ave	0.9095	0.9020		49.6	50.0	-0.8	20.0
Tetrahydrofuran	Ave	0.4535	0.4485		98.9	100	-1.1	20.0
Chloroform	Ave	3.130	3.138	0.2000	50.1	50.0	0.3	20.0
1,1,1-Trichloroethane	Ave	2.414	2.533	0.1000	52.5	50.0	4.9	20.0
Cyclohexane	Ave	2.841	2.698	0.1000	47.5	50.0	-5.0	20.0
1,1-Dichloropropene	Ave	2.535	2.572		50.7	50.0	1.5	20.0
Carbon tetrachloride	Ave	1.825	2.349	0.1000	64.3	50.0	28.7*	20.0
Isobutyl alcohol	Ave	0.0651	0.0725		1390	1250	11.3	50.0
Benzene	Ave	7.250	7.184	0.5000	49.5	50.0	-0.9	20.0
1,2-Dichloroethane	Ave	2.615	2.599	0.1000	49.7	50.0	-0.6	20.0
n-Heptane	Ave	3.145	3.024		48.1	50.0	-3.8	20.0
Trichloroethene	Ave	1.803	1.796	0.2000	49.8	50.0	-0.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192071-1

SDG No.:

Lab Sample ID: CCVIS 480-606107/4 Calibration Date: 11/22/2021 22:52

Instrument ID: HP5973N Calib Start Date: 11/16/2021 18:11

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 11/16/2021 20:52

Lab File ID: N9449.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	1.092	0.4724	0.1000	10.8	25.0	-56.8*	50.0
Chloromethane	Ave	2.383	1.921	0.1000	20.2	25.0	-19.4	20.0
Butadiene	Ave	2.161	1.443		16.7	25.0	-33.2*	20.0
Vinyl chloride	Ave	1.621	1.208	0.1000	18.6	25.0	-25.5*	20.0
Bromomethane	Ave	0.999	0.8154	0.1000	20.4	25.0	-18.4	50.0
Chloroethane	Ave	1.086	0.9268	0.1000	21.3	25.0	-14.6	50.0
Dichlorofluoromethane	Ave	2.455	2.102		21.4	25.0	-14.4	20.0
Trichlorofluoromethane	Ave	1.901	1.168	0.1000	15.4	25.0	-38.5*	20.0
Ethyl ether	Ave	1.856	1.738		23.4	25.0	-6.4	20.0
Acrolein	Ave	0.1019	0.0976		120	125	-4.2	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Lin1		1.122	0.1000	24.7	25.0	-1.1	20.0
1,1-Dichloroethene	Ave	1.154	1.122	0.1000	24.3	25.0	-2.8	20.0
Acetone	Ave	0.9157	1.025	0.1000	140	125	11.9	50.0
Iodomethane	Ave	2.064	1.924		23.3	25.0	-6.8	20.0
Carbon disulfide	Ave	3.127	3.282	0.1000	26.2	25.0	5.0	20.0
Allyl chloride	Ave	3.744	3.628		24.2	25.0	-3.1	20.0
Methyl acetate	Ave	2.310	2.260	0.1000	48.9	50.0	-2.2	50.0
Methylene Chloride	Lin1		1.402	0.1000	26.6	25.0	6.5	20.0
2-Methyl-2-propanol	Ave	0.2244	0.2655		296	250	18.3	50.0
Methyl tert-butyl ether	Ave	4.755	4.587	0.1000	24.1	25.0	-3.5	20.0
trans-1,2-Dichloroethene	Ave	1.394	1.395	0.1000	25.0	25.0	0.0	20.0
Acrylonitrile	Ave	1.102	1.141		259	250	3.5	20.0
Hexane	Lin1		2.569		24.2	25.0	-3.3	20.0
1,1-Dichloroethane	Ave	3.294	3.059	0.2000	23.2	25.0	-7.1	20.0
Vinyl acetate	Ave	5.179	5.430		52.4	50.0	4.9	20.0
2,2-Dichloropropane	Ave	1.121	1.222		27.3	25.0	9.0	20.0
cis-1,2-Dichloroethene	Ave	1.593	1.557	0.1000	24.4	25.0	-2.3	20.0
2-Butanone (MEK)	Ave	1.323	1.429	0.1000	135	125	8.0	20.0
Chlorobromomethane	Ave	0.8527	0.8024		23.5	25.0	-5.9	20.0
Tetrahydrofuran	Ave	0.8983	0.9267		51.6	50.0	3.2	20.0
Chloroform	Ave	2.937	2.665	0.2000	22.7	25.0	-9.3	20.0
1,1,1-Trichloroethane	Ave	2.009	2.170	0.1000	27.0	25.0	8.0	20.0
Cyclohexane	Lin1		3.238	0.1000	23.9	25.0	-4.4	20.0
Carbon tetrachloride	Ave	1.551	1.853	0.1000	29.9	25.0	19.5	20.0
1,1-Dichloropropene	Ave	1.851	1.860		25.1	25.0	0.4	20.0
Benzene	Ave	5.449	5.293	0.5000	24.3	25.0	-2.9	20.0
Isobutyl alcohol	Ave	0.0934	0.1281		857	625	37.2	50.0
1,2-Dichloroethane	Ave	3.011	2.815	0.1000	23.4	25.0	-6.5	20.0
n-Heptane	Lin1		3.059		24.3	25.0	-3.0	20.0
Trichloroethene	Ave	1.469	1.426	0.2000	24.3	25.0	-2.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192071-1

SDG No.:

Lab Sample ID: CCVIS 480-605141/3 Calibration Date: 11/16/2021 11:11

Instrument ID: HP5973S Calib Start Date: 11/02/2021 16:02

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 11/02/2021 18:45

Lab File ID: S6342.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	1.477	1.732	0.1000	29.3	25.0	17.2	50.0
Chloromethane	Ave	2.640	2.405	0.1000	22.8	25.0	-8.9	20.0
Vinyl chloride	Ave	2.217	2.087	0.1000	23.5	25.0	-5.9	20.0
Butadiene	Ave	2.780	2.418		21.7	25.0	-13.0	20.0
Bromomethane	Ave	1.173	1.082	0.1000	23.1	25.0	-7.7	50.0
Chloroethane	Ave	1.354	1.117	0.1000	20.6	25.0	-17.6	50.0
Dichlorofluoromethane	Ave	2.960	2.735		23.1	25.0	-7.6	20.0
Trichlorofluoromethane	Ave	2.401	2.736	0.1000	28.5	25.0	14.0	20.0
Ethyl ether	Ave	1.850	1.642		22.2	25.0	-11.3	20.0
Acrolein	Ave	0.1049	0.0990		118	125	-5.6	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.306	1.556	0.1000	29.8	25.0	19.2	20.0
1,1-Dichloroethene	Ave	1.336	1.454	0.1000	27.2	25.0	8.9	20.0
Acetone	Ave	0.9718	0.9360	0.1000	120	125	-3.7	50.0
Iodomethane	Ave	2.249	2.563		28.5	25.0	14.0	20.0
Carbon disulfide	Ave	4.903	4.680	0.1000	23.9	25.0	-4.5	20.0
Allyl chloride	Ave	3.609	3.554		24.6	25.0	-1.5	20.0
Methyl acetate	Ave	2.458	2.243	0.1000	45.6	50.0	-8.7	50.0
Methylene Chloride	Lin1		1.918	0.1000	28.1	25.0	12.4	20.0
2-Methyl-2-propanol	Ave	0.3287	0.3711		282	250	12.9	50.0
Methyl tert-butyl ether	Ave	5.641	5.928	0.1000	26.3	25.0	5.1	20.0
trans-1,2-Dichloroethene	Ave	1.682	1.896	0.1000	28.2	25.0	12.7	20.0
Acrylonitrile	Ave	1.226	1.213		247	250	-1.0	20.0
Hexane	Ave	3.239	3.762		29.0	25.0	16.1	20.0
1,1-Dichloroethane	Ave	3.373	3.654	0.2000	27.1	25.0	8.3	20.0
Vinyl acetate	Ave	6.083	5.757		47.3	50.0	-5.4	20.0
2,2-Dichloropropane	Ave	1.596	2.025		31.7	25.0	26.9*	20.0
cis-1,2-Dichloroethene	Ave	1.858	2.042	0.1000	27.5	25.0	9.9	20.0
2-Butanone (MEK)	Ave	1.563	1.530	0.1000	122	125	-2.1	20.0
Chlorobromomethane	Ave	0.9266	1.070		28.9	25.0	15.5	20.0
Tetrahydrofuran	Ave	1.088	0.997		45.8	50.0	-8.3	20.0
Chloroform	Ave	3.068	3.322	0.2000	27.1	25.0	8.3	20.0
1,1,1-Trichloroethane	Ave	2.544	3.040	0.1000	29.9	25.0	19.5	20.0
Cyclohexane	Ave	3.828	4.484	0.1000	29.3	25.0	17.1	20.0
Carbon tetrachloride	Ave	1.952	2.539	0.1000	32.5	25.0	30.1*	20.0
1,1-Dichloropropene	Ave	2.328	2.701		29.0	25.0	16.1	20.0
Benzene	Ave	6.892	7.405	0.5000	26.9	25.0	7.4	20.0
Isobutyl alcohol	Ave	0.1652	0.1612		610	625	-2.4	50.0
1,2-Dichloroethane	Ave	2.995	3.050	0.1000	25.5	25.0	1.8	20.0
n-Heptane	Ave	4.038	4.051		25.1	25.0	0.3	20.0
Trichloroethene	Ave	1.697	2.007	0.2000	29.6	25.0	18.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192071-1

SDG No.:

Lab Sample ID: ICV 480-604142/26 Calibration Date: 11/10/2021 01:42

Instrument ID: HP5977L Calib Start Date: 11/09/2021 18:01

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 11/09/2021 20:34

Lab File ID: L14956.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	2.201	1.997	0.1000	22.7	25.0	-9.3	30.0
1,2-Dichloropropane	Ave	1.136	1.114	0.1000	24.5	25.0	-1.9	30.0
1,4-Dioxane	Lin1		0.0041		481	500	-3.8	50.0
Dibromomethane	Ave	0.9001	0.8880	0.1000	24.7	25.0	-1.3	30.0
Bromodichloromethane	Ave	1.408	1.528	0.2000	27.1	25.0	8.5	30.0
2-Chloroethyl vinyl ether	Ave	0.8350	0.8415		25.2	25.0	0.8	30.0
cis-1,3-Dichloropropene	Lin1		1.944	0.2000	23.3	25.0	-6.9	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3977	0.3719	0.1000	117	125	-6.5	30.0
Toluene	Ave	0.8355	0.8013	0.4000	24.0	25.0	-4.1	30.0
Ethyl methacrylate	Ave	0.4930	0.4584		23.2	25.0	-7.0	30.0
trans-1,3-Dichloropropene	Lin1		0.4584	0.1000	22.9	25.0	-8.2	30.0
1,1,2-Trichloroethane	Ave	0.2591	0.2424	0.1000	23.4	25.0	-6.4	30.0
Tetrachloroethene	Ave	0.3626	0.3517	0.2000	24.2	25.0	-3.0	30.0
1,3-Dichloropropane	Ave	0.5227	0.5048		24.1	25.0	-3.4	30.0
2-Hexanone	Ave	0.2820	0.2674	0.1000	119	125	-5.2	30.0
Dibromochloromethane	Ave	0.2281	0.2796	0.1000	30.6	25.0	22.6	30.0
1,2-Dibromoethane	Ave	0.3249	0.3206		24.7	25.0	-1.3	30.0
Chlorobenzene	Ave	0.9588	0.9070	0.5000	23.6	25.0	-5.4	30.0
Ethylbenzene	Ave	1.540	1.482	0.1000	24.1	25.0	-3.8	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3099	0.3205		25.9	25.0	3.4	30.0
m,p-Xylene	Ave	0.6070	0.5929	0.1000	24.4	25.0	-2.3	30.0
o-Xylene	Ave	0.6172	0.5913	0.3000	24.0	25.0	-4.2	30.0
Styrene	Ave	1.017	1.004	0.3000	24.7	25.0	-1.3	30.0
Bromoform	Ave	0.1556	0.1874	0.1000	30.1	25.0	20.4	50.0
Isopropylbenzene	Ave	2.779	2.716	0.1000	24.4	25.0	-2.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8348	0.8073	0.3000	24.2	25.0	-3.3	30.0
Bromobenzene	Ave	0.7394	0.7139		24.1	25.0	-3.4	30.0
N-Propylbenzene	Ave	3.220	3.132		24.3	25.0	-2.7	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2120	0.2133		25.1	25.0	0.6	50.0
1,2,3-Trichloropropane	Ave	0.2909	0.2794		24.0	25.0	-4.0	30.0
2-Chlorotoluene	Ave	0.6951	0.6745		24.3	25.0	-3.0	30.0
1,3,5-Trimethylbenzene	Ave	2.375	2.324		24.5	25.0	-2.1	30.0
4-Chlorotoluene	Ave	2.012	1.913		23.8	25.0	-4.9	30.0
tert-Butylbenzene	Ave	0.5399	0.5234		24.2	25.0	-3.1	30.0
1,2,4-Trimethylbenzene	Ave	2.450	2.369		24.2	25.0	-3.3	30.0
sec-Butylbenzene	Ave	3.036	2.903		23.9	25.0	-4.4	30.0
4-Isopropyltoluene	Ave	2.636	2.594		24.6	25.0	-1.6	30.0
1,3-Dichlorobenzene	Ave	1.456	1.374	0.6000	23.6	25.0	-5.6	30.0
1,4-Dichlorobenzene	Ave	1.500	1.396	0.5000	23.3	25.0	-6.9	30.0
n-Butylbenzene	Ave	2.367	2.242		23.7	25.0	-5.3	30.0
1,2-Dichlorobenzene	Ave	1.442	1.338	0.4000	23.2	25.0	-7.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192071-1

SDG No.:

Lab Sample ID: CCVIS 480-605314/2 Calibration Date: 11/17/2021 09:14

Instrument ID: HP5977L Calib Start Date: 11/09/2021 18:01

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 11/09/2021 20:34

Lab File ID: L15337.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	1.095	1.318	0.1000	30.1	25.0	20.4	50.0
Chloromethane	Ave	1.333	1.636	0.1000	30.7	25.0	22.7*	20.0
Vinyl chloride	Ave	1.413	1.636	0.1000	28.9	25.0	15.8	20.0
Butadiene	Ave	1.279	1.360		26.6	25.0	6.3	20.0
Bromomethane	Ave	0.7466	0.6154	0.1000	20.6	25.0	-17.6	50.0
Chloroethane	Ave	0.5594	0.7255	0.1000	32.4	25.0	29.7	50.0
Dichlorofluoromethane	Ave	2.385	2.727		28.6	25.0	14.3	20.0
Trichlorofluoromethane	Ave	2.124	2.385	0.1000	28.1	25.0	12.3	20.0
Ethyl ether	Ave	1.173	1.258		26.8	25.0	7.2	20.0
Acrolein	Ave	0.0612	0.0551		113	125	-10.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.103	1.051	0.1000	23.8	25.0	-4.6	20.0
1,1-Dichloroethene	Ave	1.123	1.073	0.1000	23.9	25.0	-4.5	20.0
Acetone	Ave	0.5774	0.6184	0.1000	134	125	7.1	50.0
Iodomethane	Ave	2.069	1.946		23.5	25.0	-5.9	20.0
Carbon disulfide	Ave	1.993	1.616	0.1000	20.3	25.0	-18.9	20.0
Allyl chloride	Ave	1.609	1.517		23.6	25.0	-5.7	20.0
Methyl acetate	Ave	1.227	1.168	0.1000	47.6	50.0	-4.8	50.0
Methylene Chloride	Lin1		1.416	0.1000	24.9	25.0	-0.5	20.0
2-Methyl-2-propanol	Ave	0.2236	0.2230		249	250	-0.3	50.0
Methyl tert-butyl ether	Ave	3.913	4.023	0.1000	25.7	25.0	2.8	20.0
trans-1,2-Dichloroethene	Ave	1.351	1.378	0.1000	25.5	25.0	2.0	20.0
Acrylonitrile	Ave	0.5918	0.6065		256	250	2.5	20.0
Hexane	Ave	1.575	1.524		24.2	25.0	-3.2	20.0
1,1-Dichloroethane	Ave	2.181	2.289	0.2000	26.2	25.0	5.0	20.0
Vinyl acetate	Ave	2.710	2.932		54.1	50.0	8.2	20.0
2,2-Dichloropropane	Ave	1.388	1.432		25.8	25.0	3.2	20.0
cis-1,2-Dichloroethene	Ave	1.561	1.560	0.1000	25.0	25.0	-0.0	20.0
2-Butanone (MEK)	Ave	0.8599	0.8523	0.1000	124	125	-0.9	20.0
Chlorobromomethane	Ave	0.7988	0.8120		25.4	25.0	1.7	20.0
Tetrahydrofuran	Ave	0.5299	0.5066		47.8	50.0	-4.4	20.0
Chloroform	Ave	2.518	2.425	0.2000	24.1	25.0	-3.7	20.0
1,1,1-Trichloroethane	Ave	1.991	1.905	0.1000	23.9	25.0	-4.3	20.0
Cyclohexane	Ave	1.799	1.696	0.1000	23.6	25.0	-5.7	20.0
1,1-Dichloropropene	Ave	1.762	1.749		24.8	25.0	-0.7	20.0
Carbon tetrachloride	Ave	1.541	1.417	0.1000	23.0	25.0	-8.1	20.0
Isobutyl alcohol	Ave	0.0923	0.0916		620	625	-0.7	50.0
Benzene	Ave	5.129	5.450	0.5000	26.6	25.0	6.3	20.0
1,2-Dichloroethane	Ave	1.950	1.932	0.1000	24.8	25.0	-0.9	20.0
n-Heptane	Ave	1.443	1.425		24.7	25.0	-1.3	20.0
Trichloroethene	Ave	1.388	1.383	0.2000	24.9	25.0	-0.4	20.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192071-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 480-605077/2-A

Matrix: Solid Lab File ID: S6347.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/16/2021 13:06

Soil Aliquot Vol: 100 (uL) Dilution Factor: 1

Soil Extract Vol.: 10(mL) GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 605141 Units: ug/Kg

Number TICs Found: 2 TIC Result Total: 1312

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	1.65	559	T J	
	Unknown	1.85	753	T J	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192071-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 480-605819/9

Matrix: Water Lab File ID: D4735.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/20/2021 00:27

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 605819 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	0.399	J	1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
110-82-7	Cyclohexane	ND		1.0	0.18
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79
79-20-9	Methyl acetate	ND		2.5	1.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192071-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 480-605962/2-A

Matrix: Solid Lab File ID: N9421.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/22/2021 12:07

Soil Aliquot Vol: 100 (uL) Dilution Factor: 1

Soil Extract Vol.: 10(mL) GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 605978 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		100	28
79-34-5	1,1,2,2-Tetrachloroethane	ND		100	16
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	50
79-00-5	1,1,2-Trichloroethane	ND		100	21
75-34-3	1,1-Dichloroethane	ND		100	31
75-35-4	1,1-Dichloroethene	ND		100	35
120-82-1	1,2,4-Trichlorobenzene	ND		100	38
96-12-8	1,2-Dibromo-3-Chloropropane	ND		100	50
95-50-1	1,2-Dichlorobenzene	ND		100	26
107-06-2	1,2-Dichloroethane	ND		100	41
78-87-5	1,2-Dichloropropane	ND		100	16
541-73-1	1,3-Dichlorobenzene	ND		100	27
106-46-7	1,4-Dichlorobenzene	ND		100	14
78-93-3	2-Butanone (MEK)	ND		500	300
591-78-6	2-Hexanone	ND		500	210
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		500	32
67-64-1	Acetone	ND		500	410
71-43-2	Benzene	ND		100	19
75-25-2	Bromoform	ND		100	50
74-83-9	Bromomethane	ND		100	22
75-15-0	Carbon disulfide	ND		100	46
56-23-5	Carbon tetrachloride	ND		100	26
108-90-7	Chlorobenzene	ND		100	13
124-48-1	Dibromochloromethane	ND		100	48
75-00-3	Chloroethane	84.4	J	100	21
67-66-3	Chloroform	ND		100	69
74-87-3	Chloromethane	88.7	J	100	24
156-59-2	cis-1,2-Dichloroethene	ND		100	28
110-82-7	Cyclohexane	ND		100	22
75-27-4	Bromodichloromethane	ND		100	20
75-71-8	Dichlorodifluoromethane	89.1	J	100	44
100-41-4	Ethylbenzene	ND		100	29
106-93-4	1,2-Dibromoethane	ND		100	18
98-82-8	Isopropylbenzene	ND		100	15
79-20-9	Methyl acetate	ND		500	48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192071-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 480-605962/2-A

Matrix: Solid Lab File ID: N9421.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/22/2021 12:07

Soil Aliquot Vol: 100 (uL) Dilution Factor: 1

Soil Extract Vol.: 10(mL) GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 605978 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	ND		100	38
108-87-2	Methylcyclohexane	ND		100	47
75-09-2	Methylene Chloride	ND		100	20
127-18-4	Tetrachloroethene	ND		100	13
108-88-3	Toluene	ND		100	27
156-60-5	trans-1,2-Dichloroethene	ND		100	24
10061-02-6	trans-1,3-Dichloropropene	ND		100	9.8
79-01-6	Trichloroethene	ND		100	28
75-69-4	Trichlorofluoromethane	ND		100	47
75-01-4	Vinyl chloride	74.1	J	100	34
1330-20-7	Xylenes, Total	ND		200	55
10061-01-5	cis-1,3-Dichloropropene	ND		100	24
100-42-5	Styrene	ND		100	24

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	99		50-149
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		53-146
460-00-4	4-Bromofluorobenzene (Surr)	99		49-148
1868-53-7	Dibromofluoromethane (Surr)	94		60-140

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192071-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 480-605962/2-A

Matrix: Solid Lab File ID: N9421.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/22/2021 12:07

Soil Aliquot Vol: 100 (uL) Dilution Factor: 1

Soil Extract Vol.: 10(mL) GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 605978 Units: ug/Kg

Number TICs Found: 2 TIC Result Total: 114.6

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		
106-99-0	Butadiene	1.52	64.3	J	93%
75-43-4	Dichlorofluoromethane	2.10	50.3	J	67%

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192071-1

SDG No.:

Lab Sample ID: CCVIS 480-605141/3 Calibration Date: 11/16/2021 11:11

Instrument ID: HP5973S Calib Start Date: 11/02/2021 16:02

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 11/02/2021 18:45

Lab File ID: S6342.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	3.063	3.662	0.1000	29.9	25.0	19.6	20.0
1,2-Dichloropropane	Ave	2.022	2.048	0.1000	25.3	25.0	1.3	20.0
Dibromomethane	Ave	1.080	1.135	0.1000	26.3	25.0	5.1	20.0
1,4-Dioxane	Ave	0.0119	0.0139		581	500	16.2	50.0
Bromodichloromethane	Ave	2.099	2.328	0.2000	27.7	25.0	10.9	20.0
2-Chloroethyl vinyl ether	Ave	1.390	1.441		25.9	25.0	3.7	20.0
cis-1,3-Dichloropropene	Ave	2.845	3.044	0.2000	26.7	25.0	7.0	20.0
4-Methyl-2-pentanone (MIBK)	Ave	1.578	1.442	0.1000	114	125	-8.6	20.0
Toluene	Ave	2.085	2.276	0.4000	27.3	25.0	9.2	20.0
trans-1,3-Dichloropropene	Ave	1.305	1.341	0.1000	25.7	25.0	2.8	20.0
Ethyl methacrylate	Ave	1.262	1.302		25.8	25.0	3.1	20.0
1,1,2-Trichloroethane	Ave	0.6502	0.6614	0.1000	25.4	25.0	1.7	20.0
Tetrachloroethene	Ave	0.8970	1.080	0.2000	30.1	25.0	20.4*	20.0
1,3-Dichloropropane	Ave	1.387	1.440		26.0	25.0	3.8	20.0
2-Hexanone	Ave	1.125	1.045	0.1000	116	125	-7.1	20.0
Dibromochloromethane	Ave	0.7178	0.8003	0.1000	27.9	25.0	11.5	20.0
1,2-Dibromoethane	Ave	0.8295	0.8713		26.3	25.0	5.0	20.0
Chlorobenzene	Ave	2.370	2.587	0.5000	27.3	25.0	9.1	20.0
Ethylbenzene	Ave	3.954	4.385	0.1000	27.7	25.0	10.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.8034	0.9036		28.1	25.0	12.5	20.0
m,p-Xylene	Ave	1.554	1.783	0.1000	28.7	25.0	14.7	20.0
o-Xylene	Ave	1.538	1.716	0.3000	27.9	25.0	11.6	20.0
Styrene	Ave	2.454	2.830	0.3000	28.8	25.0	15.3	20.0
Bromoform	Ave	0.4818	0.5302	0.1000	27.5	25.0	10.0	50.0
Isopropylbenzene	Ave	4.342	4.383	0.1000	25.2	25.0	0.9	20.0
Bromobenzene	Ave	1.072	1.085		25.3	25.0	1.1	20.0
1,1,2,2-Tetrachloroethane	Ave	1.231	1.123	0.3000	22.8	25.0	-8.8	20.0
N-Propylbenzene	Ave	5.011	5.120		25.5	25.0	2.2	20.0
1,2,3-Trichloropropane	Ave	0.4248	0.3984		23.4	25.0	-6.2	20.0
trans-1,4-Dichloro-2-butene	Lin		0.3389		23.9	25.0	-4.4	50.0
2-Chlorotoluene	Ave	1.041	1.035		24.9	25.0	-0.5	20.0
1,3,5-Trimethylbenzene	Ave	3.716	3.765		25.3	25.0	1.3	20.0
4-Chlorotoluene	Ave	1.034	1.084		26.2	25.0	4.9	20.0
tert-Butylbenzene	Ave	0.8222	0.8739		26.6	25.0	6.3	20.0
1,2,4-Trimethylbenzene	Ave	3.845	3.930		25.6	25.0	2.2	20.0
sec-Butylbenzene	Ave	4.632	4.769		25.7	25.0	3.0	20.0
1,3-Dichlorobenzene	Ave	2.128	2.176	0.6000	25.6	25.0	2.3	20.0
4-Isopropyltoluene	Ave	4.309	4.648		27.0	25.0	7.9	20.0
1,4-Dichlorobenzene	Ave	2.133	2.227	0.5000	26.1	25.0	4.4	20.0
n-Butylbenzene	Ave	3.791	3.741		24.7	25.0	-1.3	20.0
1,2-Dichlorobenzene	Ave	2.125	2.110	0.4000	24.8	25.0	-0.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192071-1

SDG No.:

Lab Sample ID: CCVIS 480-605314/2 Calibration Date: 11/17/2021 09:14

Instrument ID: HP5977L Calib Start Date: 11/09/2021 18:01

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 11/09/2021 20:34

Lab File ID: L15337.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Lin1		0.1159	0.0500	16.5	25.0	-33.9	50.0
1,2,4-Trichlorobenzene	Ave	1.118	0.9668	0.2000	21.6	25.0	-13.5	20.0
Hexachlorobutadiene	Ave	0.4705	0.4317		22.9	25.0	-8.3	20.0
Naphthalene	Ave	3.237	2.764		21.4	25.0	-14.6	20.0
1,2,3-Trichlorobenzene	Ave	1.053	0.9290		22.1	25.0	-11.8	20.0
Dibromofluoromethane (Surr)	Ave	1.428	1.447		25.3	25.0	1.3	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	1.694	1.709		25.2	25.0	0.9	20.0
Toluene-d8 (Surr)	Ave	1.304	1.291		24.7	25.0	-1.0	20.0
4-Bromofluorobenzene (Surr)	Ave	0.4188	0.3892		23.2	25.0	-7.1	20.0

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Stuart Olver Holtz #48022480
Con-Test Analytical Laboratory SDG#480-183263-1
February 15, 2022
Sampling date: 4/13/2021

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for TRC, project located at Stuart Olver Holtz #48022480, Con-Test Analytical Laboratory SDG#480-183263-1 submitted to Vali-Data of WNY, LLC on January 4, 2022. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analysis using USEPA method Volatile Organics (8260C).

ID	Sample ID	Laboratory ID
1	SOH-SUMP-1	480-183263-01
2	SOH-SUMP-2	480-183263-02
3	SOH-SUMP-3	480-183263-03
4	SOH-SUMP-4	480-183263-04
5	SOH-SUMP-5	480-183263-05
6	SOH-SUMP-DUP	480-183263-06
7	TRIP BLANK	480-183263-07

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports
-Holding Times
-Internal Standard (IS) Area Performance
-Surrogate Spike Recoveries
-Method Blank
-Field Duplicate Sample Precision
-Laboratory Control Samples
-MS/MSD
-Compound Quantitation
-Initial Calibration
-Continuing Calibration
-GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Compound Quantitation, MS/MSD and Continuing Calibration.

Samples: 1, 5, 6 and 1MS/MSD were diluted due to high target analyte concentrations.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.
Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All criteria were met.

LABORATORY CONTROL SAMPLES
All criteria were met.

MS/MSD
All criteria were met except some target analytes were outside QC limits and should be qualified as estimated. Target analytes in which the %Rec was outside QC limits, high should be qualified as estimated high in the associated samples in which they were detected. Target analytes in which the %Rec was outside QC limits, low or the RPD was outside QC limits, should be qualified as estimated in the associated samples.

Target analyte	%Rec 1MS	%Rec 1MSD	RPD	Qualifier	Associated Sample
Dibromochloromethane	128	128	-	JH	None
2-Butanone	-	-	31	J	1, 6
Acetone	-	-	20	J	1, 6
Bromomethane	-	-	28	J	1, 6
Chloroethane	-	-	31	J	1, 6

Some target analytes were outside QC limits in the matrix spike or matrix spikes duplicate but not both, so no further action is required.

COMPOUND QUANTITATION
All criteria were met except Methylene chloride was detected above the MDL, below the reporting limit and is qualified as estimated in TRIP BLANK. This target analyte was not detected in the samples, so no further action is required.

INITIAL CALIBRATION
All criteria were met.
Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION
All criteria were met except the %D of Dibromochloromethane was outside QC limits in CCVIS 480-576687/4 and should be qualified as estimated in the samples, blank and spikes.
Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

GC/MS PERFORMANCE CHECK
All criteria were met.

Job Narrative
480-183263-1

Receipt
The samples were received on 4/14/2021 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.3º C.

GC/MS VOA
Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: SOH-SUMP-1 (480-183263-1), SOH-SUMP-1 (480-183263-1[MS]), SOH-SUMP-1 (480-183263-1[MSD]), SOH-SUMP-5 (480-183263-5) and SOH-SUMP-DUP (480-183263-6). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-576687 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane, Carbon tetrachloride and Chlorodibromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SOH-SUMP-1 (480-183263-1), SOH-SUMP-3 (480-183263-3), SOH-SUMP-4 (480-183263-4), SOH-SUMP-5 (480-183263-5), SOH-SUMP-DUP (480-183263-6) and TRIP BLANK (480-183263-7).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-576687 recovered above the upper control limit for Carbon tetrachloride and Chlorodibromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: SOH-SUMP-2 (480-183263-2).

Method 8260C: The continuing calibration verification (CCV) analyzed in 480-576687 was outside the method criteria for the following analyte: 1,1,2-Trichloro-1,2,2-trifluoroethane. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated. The associated sample is impacted: SOH-SUMP-2 (480-183263-2).

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

Client Sample ID: SOH-SUMP-1

Date Collected: 04/13/21 13:05
Date Received: 04/14/21 08:00

Lab Sample ID: 480-183263-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**1200**	**F1**	20	16	ug/L			04/17/21 02:22	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			04/17/21 02:22	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			04/17/21 02:22	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			04/17/21 02:22	20
1,1-Dichloroethane	**340**		20	7.6	ug/L			04/17/21 02:22	20
1,1-Dichloroethene	**82**		20	5.8	ug/L			04/17/21 02:22	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			04/17/21 02:22	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			04/17/21 02:22	20
1,2-Dichlorobenzene	ND		20	16	ug/L			04/17/21 02:22	20
1,2-Dichloroethane	ND		20	4.2	ug/L			04/17/21 02:22	20
1,2-Dichloropropane	ND	F1	20	14	ug/L			04/17/21 02:22	20
1,3-Dichlorobenzene	ND		20	16	ug/L			04/17/21 02:22	20
1,4-Dichlorobenzene	ND		20	17	ug/L			04/17/21 02:22	20
2-Butanone (MEK)	ND	F2	200	26	ug/L			04/17/21 02:22	20
2-Hexanone	ND		100	25	ug/L			04/17/21 02:22	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			04/17/21 02:22	20
Acetone	ND	F2	200	60	ug/L			04/17/21 02:22	20
Benzene	ND		20	8.2	ug/L			04/17/21 02:22	20
Bromodichloromethane	ND		20	7.8	ug/L			04/17/21 02:22	20
Bromoform	ND	F1	20	5.2	ug/L			04/17/21 02:22	20
Bromomethane	ND	F2	20	14	ug/L			04/17/21 02:22	20
Carbon disulfide	ND		20	3.8	ug/L			04/17/21 02:22	20
Carbon tetrachloride	ND		20	5.4	ug/L			04/17/21 02:22	20
Chlorobenzene	ND		20	15	ug/L			04/17/21 02:22	20
Dibromochloromethane	ND	F1	20	6.4	ug/L			04/17/21 02:22	20
Chloroethane	ND	F2	20	6.4	ug/L			04/17/21 02:22	20
Chloroform	ND		20	6.8	ug/L			04/17/21 02:22	20
Chloromethane	ND		20	7.0	ug/L			04/17/21 02:22	20
cis-1,2-Dichloroethene	**630**		20	16	ug/L			04/17/21 02:22	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			04/17/21 02:22	20
Cyclohexane	ND		20	3.6	ug/L			04/17/21 02:22	20
Dichlorodifluoromethane	ND		20	14	ug/L			04/17/21 02:22	20
Ethylbenzene	ND		20	15	ug/L			04/17/21 02:22	20
1,2-Dibromoethane	ND		20	15	ug/L			04/17/21 02:22	20
Isopropylbenzene	ND		20	16	ug/L			04/17/21 02:22	20
Methyl acetate	ND		50	26	ug/L			04/17/21 02:22	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			04/17/21 02:22	20
Methylcyclohexane	ND		20	3.2	ug/L			04/17/21 02:22	20
Methylene Chloride	ND		20	8.8	ug/L			04/17/21 02:22	20
Styrene	ND		20	15	ug/L			04/17/21 02:22	20
Tetrachloroethene	**580**		20	7.2	ug/L			04/17/21 02:22	20
Toluene	ND		20	10	ug/L			04/17/21 02:22	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			04/17/21 02:22	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			04/17/21 02:22	20
Trichloroethene	**670**		20	9.2	ug/L			04/17/21 02:22	20
Trichlorofluoromethane	ND		20	18	ug/L			04/17/21 02:22	20
Vinyl chloride	ND		20	18	ug/L			04/17/21 02:22	20
Xylenes, Total	ND		40	13	ug/L			04/17/21 02:22	20

Client Sample ID: SOH-SUMP-1

Lab Sample ID: 480-183263-1

Date Collected: 04/13/21 13:05
Matrix: Water
Date Received: 04/14/21 08:00

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					04/17/21 02:22	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	106		80 - 120		04/17/21 02:22	20
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		04/17/21 02:22	20
4-Bromofluorobenzene (Surr)	109		73 - 120		04/17/21 02:22	20
Dibromofluoromethane (Surr)	109		75 - 123		04/17/21 02:22	20

Client Sample ID: SOH-SUMP-2

Lab Sample ID: 480-183263-2

Date Collected: 04/13/21 13:20
Matrix: Water
Date Received: 04/14/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**3.6**		1.0	0.82	ug/L			04/17/21 02:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/17/21 02:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/17/21 02:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**4.7**		1.0	0.31	ug/L			04/17/21 02:46	1
1,1-Dichloroethane	**7.3**		1.0	0.38	ug/L			04/17/21 02:46	1
1,1-Dichloroethene	**0.91**	**J**	1.0	0.29	ug/L			04/17/21 02:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/17/21 02:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/17/21 02:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/17/21 02:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/17/21 02:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/17/21 02:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/17/21 02:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/17/21 02:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/17/21 02:46	1
2-Hexanone	ND		5.0	1.2	ug/L			04/17/21 02:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/17/21 02:46	1
Acetone	ND		10	3.0	ug/L			04/17/21 02:46	1
Benzene	ND		1.0	0.41	ug/L			04/17/21 02:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/17/21 02:46	1
Bromoform	ND		1.0	0.26	ug/L			04/17/21 02:46	1
Bromomethane	ND		1.0	0.69	ug/L			04/17/21 02:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/17/21 02:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/17/21 02:46	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/17/21 02:46	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/17/21 02:46	1
Chloroethane	ND		1.0	0.32	ug/L			04/17/21 02:46	1
Chloroform	ND		1.0	0.34	ug/L			04/17/21 02:46	1
Chloromethane	ND		1.0	0.35	ug/L			04/17/21 02:46	1
cis-1,2-Dichloroethene	**17**		1.0	0.81	ug/L			04/17/21 02:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/17/21 02:46	1
Cyclohexane	ND		1.0	0.18	ug/L			04/17/21 02:46	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/17/21 02:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/17/21 02:46	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/17/21 02:46	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/17/21 02:46	1
Methyl acetate	ND		2.5	1.3	ug/L			04/17/21 02:46	1

Client Sample ID: SOH-SUMP-2

Date Collected: 04/13/21 13:20
Date Received: 04/14/21 08:00

Lab Sample ID: 480-183263-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	**0.83**	**J**	1.0	0.16	ug/L			04/17/21 02:46	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/17/21 02:46	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/17/21 02:46	1
Styrene	ND		1.0	0.73	ug/L			04/17/21 02:46	1
Tetrachloroethene	**2.0**		1.0	0.36	ug/L			04/17/21 02:46	1
Toluene	ND		1.0	0.51	ug/L			04/17/21 02:46	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/17/21 02:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/17/21 02:46	1
Trichloroethene	**69**		1.0	0.46	ug/L			04/17/21 02:46	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/17/21 02:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/17/21 02:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/17/21 02:46	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*04/17/21 02:46*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*80 - 120*		*04/17/21 02:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*04/17/21 02:46*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*04/17/21 02:46*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*04/17/21 02:46*	*1*

Client Sample ID: SOH-SUMP-3

Date Collected: 04/13/21 13:25
Date Received: 04/14/21 08:00

Lab Sample ID: 480-183263-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/17/21 03:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/17/21 03:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/17/21 03:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/17/21 03:09	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/17/21 03:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/17/21 03:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/17/21 03:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/17/21 03:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/17/21 03:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/17/21 03:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/17/21 03:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/17/21 03:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/17/21 03:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/17/21 03:09	1
2-Hexanone	ND		5.0	1.2	ug/L			04/17/21 03:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/17/21 03:09	1
Acetone	ND		10	3.0	ug/L			04/17/21 03:09	1
Benzene	ND		1.0	0.41	ug/L			04/17/21 03:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/17/21 03:09	1
Bromoform	ND		1.0	0.26	ug/L			04/17/21 03:09	1
Bromomethane	ND		1.0	0.69	ug/L			04/17/21 03:09	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/17/21 03:09	1

Client Sample ID: SOH-SUMP-3

Date Collected: 04/13/21 13:25
Date Received: 04/14/21 08:00

Lab Sample ID: 480-183263-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/17/21 03:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/17/21 03:09	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/17/21 03:09	1
Chloroethane	ND		1.0	0.32	ug/L			04/17/21 03:09	1
Chloroform	ND		1.0	0.34	ug/L			04/17/21 03:09	1
Chloromethane	ND		1.0	0.35	ug/L			04/17/21 03:09	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/17/21 03:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/17/21 03:09	1
Cyclohexane	ND		1.0	0.18	ug/L			04/17/21 03:09	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/17/21 03:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/17/21 03:09	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/17/21 03:09	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/17/21 03:09	1
Methyl acetate	ND		2.5	1.3	ug/L			04/17/21 03:09	1
Methyl tert-butyl ether	**1.1**		1.0	0.16	ug/L			04/17/21 03:09	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/17/21 03:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/17/21 03:09	1
Styrene	ND		1.0	0.73	ug/L			04/17/21 03:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/17/21 03:09	1
Toluene	ND		1.0	0.51	ug/L			04/17/21 03:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/17/21 03:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/17/21 03:09	1
Trichloroethene	ND		1.0	0.46	ug/L			04/17/21 03:09	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/17/21 03:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/17/21 03:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/17/21 03:09	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*04/17/21 03:09*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*105*		*80 - 120*		*04/17/21 03:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*04/17/21 03:09*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*04/17/21 03:09*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*04/17/21 03:09*	*1*

Client Sample ID: SOH-SUMP-4

Date Collected: 04/13/21 13:30
Date Received: 04/14/21 08:00

Lab Sample ID: 480-183263-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**3.1**		1.0	0.82	ug/L			04/17/21 03:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/17/21 03:33	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/17/21 03:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/17/21 03:33	1
1,1-Dichloroethane	**11**		1.0	0.38	ug/L			04/17/21 03:33	1
1,1-Dichloroethene	**0.51**	**J**	1.0	0.29	ug/L			04/17/21 03:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/17/21 03:33	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/17/21 03:33	1

Client Sample ID: SOH-SUMP-4

Date Collected: 04/13/21 13:30
Date Received: 04/14/21 08:00

Lab Sample ID: 480-183263-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/17/21 03:33	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/17/21 03:33	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/17/21 03:33	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/17/21 03:33	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/17/21 03:33	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/17/21 03:33	1
2-Hexanone	ND		5.0	1.2	ug/L			04/17/21 03:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/17/21 03:33	1
Acetone	**9.0**	**J**	10	3.0	ug/L			04/17/21 03:33	1
Benzene	ND		1.0	0.41	ug/L			04/17/21 03:33	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/17/21 03:33	1
Bromoform	ND		1.0	0.26	ug/L			04/17/21 03:33	1
Bromomethane	ND		1.0	0.69	ug/L			04/17/21 03:33	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/17/21 03:33	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/17/21 03:33	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/17/21 03:33	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/17/21 03:33	1
Chloroethane	ND		1.0	0.32	ug/L			04/17/21 03:33	1
Chloroform	ND		1.0	0.34	ug/L			04/17/21 03:33	1
Chloromethane	ND		1.0	0.35	ug/L			04/17/21 03:33	1
cis-1,2-Dichloroethene	**12**		1.0	0.81	ug/L			04/17/21 03:33	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/17/21 03:33	1
Cyclohexane	ND		1.0	0.18	ug/L			04/17/21 03:33	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/17/21 03:33	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/17/21 03:33	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/17/21 03:33	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/17/21 03:33	1
Methyl acetate	ND		2.5	1.3	ug/L			04/17/21 03:33	1
Methyl tert-butyl ether	**0.29**	**J**	1.0	0.16	ug/L			04/17/21 03:33	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/17/21 03:33	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/17/21 03:33	1
Styrene	ND		1.0	0.73	ug/L			04/17/21 03:33	1
Tetrachloroethene	**2.2**		1.0	0.36	ug/L			04/17/21 03:33	1
Toluene	ND		1.0	0.51	ug/L			04/17/21 03:33	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/17/21 03:33	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/17/21 03:33	1
Trichloroethene	**8.0**		1.0	0.46	ug/L			04/17/21 03:33	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/17/21 03:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/17/21 03:33	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/17/21 03:33	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*04/17/21 03:33*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*106*		*80 - 120*		*04/17/21 03:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*04/17/21 03:33*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*04/17/21 03:33*	*1*
Dibromofluoromethane (Surr)	*112*		*75 - 123*		*04/17/21 03:33*	*1*

Client Sample ID: SOH-SUMP-5

Date Collected: 04/13/21 13:35
Date Received: 04/14/21 08:00

Lab Sample ID: 480-183263-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**61**		4.0	3.3	ug/L			04/17/21 03:57	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			04/17/21 03:57	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			04/17/21 03:57	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			04/17/21 03:57	4
1,1-Dichloroethane	**200**		4.0	1.5	ug/L			04/17/21 03:57	4
1,1-Dichloroethene	**21**		4.0	1.2	ug/L			04/17/21 03:57	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			04/17/21 03:57	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			04/17/21 03:57	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			04/17/21 03:57	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			04/17/21 03:57	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			04/17/21 03:57	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			04/17/21 03:57	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			04/17/21 03:57	4
2-Butanone (MEK)	ND		40	5.3	ug/L			04/17/21 03:57	4
2-Hexanone	ND		20	5.0	ug/L			04/17/21 03:57	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			04/17/21 03:57	4
Acetone	ND		40	12	ug/L			04/17/21 03:57	4
Benzene	ND		4.0	1.6	ug/L			04/17/21 03:57	4
Bromodichloromethane	ND		4.0	1.6	ug/L			04/17/21 03:57	4
Bromoform	ND		4.0	1.0	ug/L			04/17/21 03:57	4
Bromomethane	ND		4.0	2.8	ug/L			04/17/21 03:57	4
Carbon disulfide	ND		4.0	0.76	ug/L			04/17/21 03:57	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			04/17/21 03:57	4
Chlorobenzene	ND		4.0	3.0	ug/L			04/17/21 03:57	4
Dibromochloromethane	ND		4.0	1.3	ug/L			04/17/21 03:57	4
Chloroethane	**1.8**	**J**	4.0	1.3	ug/L			04/17/21 03:57	4
Chloroform	ND		4.0	1.4	ug/L			04/17/21 03:57	4
Chloromethane	ND		4.0	1.4	ug/L			04/17/21 03:57	4
cis-1,2-Dichloroethene	**200**		4.0	3.2	ug/L			04/17/21 03:57	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			04/17/21 03:57	4
Cyclohexane	ND		4.0	0.72	ug/L			04/17/21 03:57	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			04/17/21 03:57	4
Ethylbenzene	ND		4.0	3.0	ug/L			04/17/21 03:57	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			04/17/21 03:57	4
Isopropylbenzene	ND		4.0	3.2	ug/L			04/17/21 03:57	4
Methyl acetate	ND		10	5.2	ug/L			04/17/21 03:57	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			04/17/21 03:57	4
Methylcyclohexane	ND		4.0	0.64	ug/L			04/17/21 03:57	4
Methylene Chloride	ND		4.0	1.8	ug/L			04/17/21 03:57	4
Styrene	ND		4.0	2.9	ug/L			04/17/21 03:57	4
Tetrachloroethene	**83**		4.0	1.4	ug/L			04/17/21 03:57	4
Toluene	ND		4.0	2.0	ug/L			04/17/21 03:57	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			04/17/21 03:57	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			04/17/21 03:57	4
Trichloroethene	**73**		4.0	1.8	ug/L			04/17/21 03:57	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			04/17/21 03:57	4
Vinyl chloride	**5.2**		4.0	3.6	ug/L			04/17/21 03:57	4
Xylenes, Total	ND		8.0	2.6	ug/L			04/17/21 03:57	4

Client Sample ID: SOH-SUMP-5

Lab Sample ID: 480-183263-5

Date Collected: 04/13/21 13:35
Matrix: Water
Date Received: 04/14/21 08:00

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					04/17/21 03:57	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	105		80 - 120		04/17/21 03:57	4
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		04/17/21 03:57	4
4-Bromofluorobenzene (Surr)	108		73 - 120		04/17/21 03:57	4
Dibromofluoromethane (Surr)	111		75 - 123		04/17/21 03:57	4

Client Sample ID: SOH-SUMP-DUP

Lab Sample ID: 480-183263-6

Date Collected: 04/13/21 08:00
Matrix: Water
Date Received: 04/14/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**1400**		20	16	ug/L			04/17/21 04:21	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			04/17/21 04:21	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			04/17/21 04:21	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			04/17/21 04:21	20
1,1-Dichloroethane	**390**		20	7.6	ug/L			04/17/21 04:21	20
1,1-Dichloroethene	**89**		20	5.8	ug/L			04/17/21 04:21	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			04/17/21 04:21	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			04/17/21 04:21	20
1,2-Dichlorobenzene	ND		20	16	ug/L			04/17/21 04:21	20
1,2-Dichloroethane	ND		20	4.2	ug/L			04/17/21 04:21	20
1,2-Dichloropropane	ND		20	14	ug/L			04/17/21 04:21	20
1,3-Dichlorobenzene	ND		20	16	ug/L			04/17/21 04:21	20
1,4-Dichlorobenzene	ND		20	17	ug/L			04/17/21 04:21	20
2-Butanone (MEK)	ND		200	26	ug/L			04/17/21 04:21	20
2-Hexanone	ND		100	25	ug/L			04/17/21 04:21	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			04/17/21 04:21	20
Acetone	ND		200	60	ug/L			04/17/21 04:21	20
Benzene	ND		20	8.2	ug/L			04/17/21 04:21	20
Bromodichloromethane	ND		20	7.8	ug/L			04/17/21 04:21	20
Bromoform	ND		20	5.2	ug/L			04/17/21 04:21	20
Bromomethane	ND		20	14	ug/L			04/17/21 04:21	20
Carbon disulfide	ND		20	3.8	ug/L			04/17/21 04:21	20
Carbon tetrachloride	ND		20	5.4	ug/L			04/17/21 04:21	20
Chlorobenzene	ND		20	15	ug/L			04/17/21 04:21	20
Dibromochloromethane	ND		20	6.4	ug/L			04/17/21 04:21	20
Chloroethane	ND		20	6.4	ug/L			04/17/21 04:21	20
Chloroform	ND		20	6.8	ug/L			04/17/21 04:21	20
Chloromethane	ND		20	7.0	ug/L			04/17/21 04:21	20
cis-1,2-Dichloroethene	**690**		20	16	ug/L			04/17/21 04:21	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			04/17/21 04:21	20
Cyclohexane	ND		20	3.6	ug/L			04/17/21 04:21	20
Dichlorodifluoromethane	ND		20	14	ug/L			04/17/21 04:21	20
Ethylbenzene	ND		20	15	ug/L			04/17/21 04:21	20
1,2-Dibromoethane	ND		20	15	ug/L			04/17/21 04:21	20
Isopropylbenzene	ND		20	16	ug/L			04/17/21 04:21	20
Methyl acetate	ND		50	26	ug/L			04/17/21 04:21	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			04/17/21 04:21	20

Client Sample ID: SOH-SUMP-DUP

Lab Sample ID: 480-183263-6

Date Collected: 04/13/21 08:00
Matrix: Water
Date Received: 04/14/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	ND		20	3.2	ug/L			04/17/21 04:21	20
Methylene Chloride	ND		20	8.8	ug/L			04/17/21 04:21	20
Styrene	ND		20	15	ug/L			04/17/21 04:21	20
Tetrachloroethene	**680**		20	7.2	ug/L			04/17/21 04:21	20
Toluene	ND		20	10	ug/L			04/17/21 04:21	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			04/17/21 04:21	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			04/17/21 04:21	20
Trichloroethene	**690**		20	9.2	ug/L			04/17/21 04:21	20
Trichlorofluoromethane	ND		20	18	ug/L			04/17/21 04:21	20
Vinyl chloride	ND		20	18	ug/L			04/17/21 04:21	20
Xylenes, Total	ND		40	13	ug/L			04/17/21 04:21	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*04/17/21 04:21*	*20*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*80 - 120*		*04/17/21 04:21*	*20*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*04/17/21 04:21*	*20*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*04/17/21 04:21*	*20*
Dibromofluoromethane (Surr)	*112*		*75 - 123*		*04/17/21 04:21*	*20*

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-183263-7

Date Collected: 04/13/21 00:00
Matrix: Water
Date Received: 04/14/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/17/21 04:44	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/17/21 04:44	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/17/21 04:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/17/21 04:44	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/17/21 04:44	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/17/21 04:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/17/21 04:44	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/17/21 04:44	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/17/21 04:44	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/17/21 04:44	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/17/21 04:44	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/17/21 04:44	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/17/21 04:44	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/17/21 04:44	1
2-Hexanone	ND		5.0	1.2	ug/L			04/17/21 04:44	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/17/21 04:44	1
Acetone	ND		10	3.0	ug/L			04/17/21 04:44	1
Benzene	ND		1.0	0.41	ug/L			04/17/21 04:44	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/17/21 04:44	1
Bromoform	ND		1.0	0.26	ug/L			04/17/21 04:44	1
Bromomethane	ND		1.0	0.69	ug/L			04/17/21 04:44	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/17/21 04:44	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/17/21 04:44	1

Client Sample ID: TRIP BLANK

Date Collected: 04/13/21 00:00
Date Received: 04/14/21 08:00

Lab Sample ID: 480-183263-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0	0.75	ug/L			04/17/21 04:44	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/17/21 04:44	1
Chloroethane	ND		1.0	0.32	ug/L			04/17/21 04:44	1
Chloroform	ND		1.0	0.34	ug/L			04/17/21 04:44	1
Chloromethane	ND		1.0	0.35	ug/L			04/17/21 04:44	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/17/21 04:44	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/17/21 04:44	1
Cyclohexane	ND		1.0	0.18	ug/L			04/17/21 04:44	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/17/21 04:44	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/17/21 04:44	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/17/21 04:44	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/17/21 04:44	1
Methyl acetate	ND		2.5	1.3	ug/L			04/17/21 04:44	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/17/21 04:44	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/17/21 04:44	1
Methylene Chloride	**0.70**	**J**	1.0	0.44	ug/L			04/17/21 04:44	1
Styrene	ND		1.0	0.73	ug/L			04/17/21 04:44	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/17/21 04:44	1
Toluene	ND		1.0	0.51	ug/L			04/17/21 04:44	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/17/21 04:44	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/17/21 04:44	1
Trichloroethene	ND		1.0	0.46	ug/L			04/17/21 04:44	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/17/21 04:44	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/17/21 04:44	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/17/21 04:44	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*04/17/21 04:44*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*80 - 120*		*04/17/21 04:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*04/17/21 04:44*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*04/17/21 04:44*	*1*
Dibromofluoromethane (Surr)	*111*		*75 - 123*		*04/17/21 04:44*	*1*

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-183263-1

SDG No.: Stuart Hlver Holtz

Matrix: Water Level: Low Lab File ID: C5647.D

Lab ID: 480-183263-1 MS Client ID: SOH-SUMP-1 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	500	1200	1550	73	73-126	
1,1,2,2-Tetrachloroethane	500	ND	602	120	76-120	
1,1,2-Trichloroethane	500	ND	566	113	76-122	
1,1,2-Trichloro-1,2,2-trifluoroethane	500	ND	632	126	61-148	
1,1-Dichloroethane	500	340	859	103	77-120	
1,1-Dichloroethene	500	82	635	111	66-127	
1,2,4-Trichlorobenzene	500	ND	526	105	79-122	
1,2-Dibromo-3-Chloropropane	500	ND	545	109	56-134	
1,2-Dichlorobenzene	500	ND	556	111	80-124	
1,2-Dichloroethane	500	ND	539	108	75-120	
1,2-Dichloropropane	500	ND	617	123	76-120	F1
1,3-Dichlorobenzene	500	ND	552	110	77-120	
1,4-Dichlorobenzene	500	ND	549	110	78-124	
2-Butanone (MEK)	2500	ND	2330	93	57-140	
2-Hexanone	2500	ND	2940	118	65-127	
4-Methyl-2-pentanone (MIBK)	2500	ND	2850	114	71-125	
Acetone	2500	ND	2720	109	56-142	
Benzene	500	ND	576	115	71-124	
Bromodichloromethane	500	ND	605	121	80-122	
Bromoform	500	ND	633	127	61-132	
Bromomethane	500	ND	522	104	55-144	
Carbon disulfide	500	ND	563	113	59-134	
Carbon tetrachloride	500	ND	646	129	72-134	
Chlorobenzene	500	ND	594	119	80-120	
Dibromochloromethane	500	ND	638	128	75-125	F1
Chloroethane	500	ND	515	103	69-136	
Chloroform	500	ND	533	107	73-127	
Chloromethane	500	ND	553	111	68-124	
cis-1,2-Dichloroethene	500	630	1100	94	74-124	
cis-1,3-Dichloropropene	500	ND	583	117	74-124	
Cyclohexane	500	ND	608	122	59-135	
Dichlorodifluoromethane	500	ND	542	108	59-135	
Ethylbenzene	500	ND	572	114	77-123	
1,2-Dibromoethane	500	ND	588	118	77-120	
Isopropylbenzene	500	ND	595	119	77-122	
Methyl acetate	1000	ND	1080	108	74-133	
Methyl tert-butyl ether	500	ND	526	105	77-120	
Methylcyclohexane	500	ND	589	118	68-134	
Methylene Chloride	500	ND	554	111	75-124	
Styrene	500	ND	555	111	80-120	
Tetrachloroethene	500	580	1040	92	74-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-183263-1

SDG No.: Stuart Hlver Holtz

Matrix: Water Level: Low Lab File ID: C5648.D

Lab ID: 480-183263-1 MSD Client ID: SOH-SUMP-1 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	500	1490	61	4	15	73-126	F1
1,1,2,2-Tetrachloroethane	500	552	110	9	15	76-120	
1,1,2-Trichloroethane	500	554	111	2	15	76-122	
1,1,2-Trichloro-1,2,2-trifluoroethane	500	594	119	6	20	61-148	
1,1-Dichloroethane	500	859	103	0	20	77-120	
1,1-Dichloroethene	500	609	105	4	16	66-127	
1,2,4-Trichlorobenzene	500	515	103	2	20	79-122	
1,2-Dibromo-3-Chloropropane	500	525	105	4	15	56-134	
1,2-Dichlorobenzene	500	523	105	6	20	80-124	
1,2-Dichloroethane	500	559	112	4	20	75-120	
1,2-Dichloropropane	500	589	118	5	20	76-120	
1,3-Dichlorobenzene	500	533	107	4	20	77-120	
1,4-Dichlorobenzene	500	524	105	5	20	78-124	
2-Butanone (MEK)	2500	3190	128	31	20	57-140	F2
2-Hexanone	2500	2960	119	1	15	65-127	
4-Methyl-2-pentanone (MIBK)	2500	2780	111	2	35	71-125	
Acetone	2500	3340	133	20	15	56-142	F2
Benzene	500	571	114	1	13	71-124	
Bromodichloromethane	500	599	120	1	15	80-122	
Bromoform	500	677	135	7	15	61-132	F1
Bromomethane	500	394	79	28	15	55-144	F2
Carbon disulfide	500	537	107	5	15	59-134	
Carbon tetrachloride	500	608	122	6	15	72-134	
Chlorobenzene	500	569	114	4	25	80-120	
Dibromochloromethane	500	639	128	0	15	75-125	F1
Chloroethane	500	378	76	31	15	69-136	F2
Chloroform	500	540	108	1	20	73-127	
Chloromethane	500	514	103	7	15	68-124	
cis-1,2-Dichloroethene	500	1110	95	1	15	74-124	
cis-1,3-Dichloropropene	500	576	115	1	15	74-124	
Cyclohexane	500	564	113	8	20	59-135	
Dichlorodifluoromethane	500	476	95	13	20	59-135	
Ethylbenzene	500	538	108	6	15	77-123	
1,2-Dibromoethane	500	590	118	0	15	77-120	
Isopropylbenzene	500	544	109	9	20	77-122	
Methyl acetate	1000	1220	122	13	20	74-133	
Methyl tert-butyl ether	500	567	113	8	37	77-120	
Methylcyclohexane	500	560	112	5	20	68-134	
Methylene Chloride	500	562	112	1	15	75-124	
Styrene	500	543	109	2	20	80-120	
Tetrachloroethene	500	966	77	7	20	74-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-183263-1

SDG No.: Stuart Hlver Holtz

Lab Sample ID: CCVIS 480-576687/4 Calibration Date: 04/16/2021 22:00

Instrument ID: HP5973C Calib Start Date: 03/31/2021 11:52

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 03/31/2021 14:40

Lab File ID: C5624.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	2.150	2.480	0.1000	28.8	25.0	15.4	20.0
1,2-Dichloropropane	Ave	1.241	1.372	0.1000	27.6	25.0	10.5	20.0
1,4-Dioxane	Ave	0.0130	0.0174		666	500	33.2	50.0
Dibromomethane	Ave	0.8690	0.9672	0.1000	27.8	25.0	11.3	20.0
Bromodichloromethane	Ave	1.475	1.649	0.2000	27.9	25.0	11.8	20.0
2-Chloroethyl vinyl ether	Ave	0.8656	0.9580		27.7	25.0	10.7	20.0
cis-1,3-Dichloropropene	Ave	1.783	2.006	0.2000	28.1	25.0	12.5	20.0
4-Methyl-2-pentanone (MIBK)	Ave	1.213	1.284	0.1000	132	125	5.9	20.0
Toluene	Ave	1.506	1.653	0.4000	27.4	25.0	9.8	20.0
trans-1,3-Dichloropropene	Ave	0.8616	0.9315	0.1000	27.0	25.0	8.1	20.0
Ethyl methacrylate	Ave	0.8811	0.9229		26.2	25.0	4.7	20.0
1,1,2-Trichloroethane	Ave	0.4878	0.5258	0.1000	26.9	25.0	7.8	20.0
Tetrachloroethene	Ave	0.6519	0.7061	0.2000	27.1	25.0	8.3	20.0
1,3-Dichloropropane	Ave	0.9567	1.018		26.6	25.0	6.4	20.0
2-Hexanone	Ave	0.7896	0.8316	0.1000	132	125	5.3	20.0
Dibromochloromethane	Ave	0.5248	0.6520	0.1000	31.1	25.0	24.2*	20.0
1,2-Dibromoethane	Ave	0.6266	0.6885		27.5	25.0	9.9	20.0
Chlorobenzene	Ave	1.642	1.806	0.5000	27.5	25.0	10.0	20.0
Ethylbenzene	Ave	2.796	3.065	0.1000	27.4	25.0	9.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.5926	0.6817		28.8	25.0	15.0	20.0
m,p-Xylene	Ave	1.115	1.191	0.1000	26.7	25.0	6.8	20.0
o-Xylene	Ave	1.172	1.255	0.3000	26.8	25.0	7.1	20.0
Styrene	Ave	1.822	1.906	0.3000	26.1	25.0	4.6	20.0
Bromoform	Ave	0.3345	0.4173	0.1000	31.2	25.0	24.8	50.0
Isopropylbenzene	Ave	2.997	3.475	0.1000	29.0	25.0	15.9	20.0
Bromobenzene	Ave	0.7104	0.7874		27.7	25.0	10.8	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9441	1.043	0.3000	27.6	25.0	10.5	20.0
N-Propylbenzene	Ave	3.549	3.841		27.1	25.0	8.2	20.0
1,2,3-Trichloropropane	Ave	0.3344	0.3718		27.8	25.0	11.2	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3165	0.2739		21.6	25.0	-13.5	50.0
2-Chlorotoluene	Ave	0.7312	0.8007		27.4	25.0	9.5	20.0
1,3,5-Trimethylbenzene	Ave	2.662	2.893		27.2	25.0	8.7	20.0
4-Chlorotoluene	Ave	0.7192	0.7882		27.4	25.0	9.6	20.0
tert-Butylbenzene	Ave	0.5599	0.6544		29.2	25.0	16.9	20.0
1,2,4-Trimethylbenzene	Ave	2.733	2.989		27.3	25.0	9.4	20.0
sec-Butylbenzene	Ave	3.334	3.744		28.1	25.0	12.3	20.0
4-Isopropyltoluene	Ave	2.915	3.298		28.3	25.0	13.1	20.0
1,3-Dichlorobenzene	Ave	1.454	1.537	0.6000	26.4	25.0	5.7	20.0
1,4-Dichlorobenzene	Ave	1.478	1.553	0.5000	26.3	25.0	5.1	20.0
n-Butylbenzene	Ave	2.636	2.837		26.9	25.0	7.6	20.0
1,2-Dichlorobenzene	Ave	1.472	1.569	0.4000	26.6	25.0	6.6	20.0

Appendix H

Total Oxidant Demand and Treatability Testing Report

1204 Springdale Street
Mount Horeb, WI 53572
(608) 437-7413

August 17, 2022 DRAFT

Jonathan Bone
TRC Companies
215 Greenfield Parkway, Suite 102
Liverpool, NY 13088

RE: Total Oxidant Demand (TOD) and Treatability Testing for the Stuart Olver Holtz Site.

Mr. Bone,

Ursus Remediation Testing & Technologies, LLC (Ursus) is pleased to provide TRC Companies (TRC) this report for Total Oxidant Demand (TOD) and Treatability testing for the Stuart Olver Holtz Site.

OBJECTIVE

Testing was conducted to measure the effectiveness of alkaline activated sodium persulfate to reduce chlorinated hydrocarbons in site soil/groundwater.

The objectives of the study include:

- Conduct a TOD test with alkaline active sodium persulfate to determine the oxidant demand of site soil and groundwater.
- Evaluate TOD data and determine the efficacy of conducting ISCO at the site.
- Conduct an ISCO study with alkaline active persulfate to measure the degradation of chlorinated hydrocarbons.

BACKGROUND

Three soil samples and three groundwater samples were received by Ursus on December 21, 2021. The soil samples were received on ice. Soils were received in acetate sleeves. Groundwater and soil samples were refrigerated until testing. Sample received, descriptions, and comments are shown in Table 1. Soil composites were prepared from the acetate sleeves as described in Table 1.

Baseline concentration of contaminates for source area soil and groundwater are shown in Table 2. The stoichiometric amount of sodium persulfate needed to oxidize the contaminants shows a soil demand of 0.20 g persulfate/kg soil and 0.60 g/kg persulfate for groundwater for a total demand of 0.80 g persulfate/kg soil. Most of the persulfate demand is associated with the groundwater.

Table 1.
Soil Received for TOD and Treatability Testing

Sample Name	Sample Date	Matrix	Sample Comments
TS-SA (Represents source area)	11/18/2021	Soil	Sample prepared by compositing SOH-SB-24(21-30) sample borings. See COC for individual samples
TS-MP (Represents mid-plume)	11/17/2021	Soil	Sample prepared by compositing SOH-SB-06(13-18) sample borings. See COC for individual samples
TS-DG (Represents downgradient plume)	11/16/2021	Soil	Sample prepared by compositing SOH-SB-23(15-20) sample borings. See COC for individual samples
SOH-DGW-24(25-29) (Represents source area)	12/13/2021	GW	GW sample to be slurried with soil composite TS-SA
SOH-DGW-06(14-18) (Represents mid-plume)	12/14/2021	GW	GW sample to be slurried with soil composite TS-MP
SOH-DGW-23(14-18) (Represents downgradient plume)	12/13/2021	GW	GW sample to be slurried with soil composite TS-DG

Table 2.
Sodium persulfate Stoichiometric demand for soil and groundwater

				Sodium Persulfate		
Compound	**g of Sodium Persulfate to Oxidize g of Compound**	**SB 24 Soil, mg/kg**	**SOH-DGW-24 GW, ug/L***	**Soil Demand, g/kg**	**GW Demand, g/kg**	**Total Demand, g/kg**
1,1- Dichloroethene	9.82	0.024	2800	0.0002	0.003	0.004
cis-1,2 Dichloroethene	9.82	4.0	100000	0.039	0.12	0.16
trans-1,2 Dichloroethene	9.82	0.0017		0.00002		0.00002
Tetrachloroethene	2.87	0.0010	94	0.00000	0.000	0.00004
Trichloroethene	5.43	21	240000	0.11	0.16	0.28
Vinyl Chloride	19.04	0.0220	1900	0.0004	0.005	0.005
Chloroethane	22.14	0.0036	79000	0.0001	0.22	0.22
Chloroform	1.99		85000		0.021	0.021
1,1-Dichloroethane	12.03	4.0		0.048		0.048
1,2-Dichloroethane	12.03	0.00028		0.000003		0.000003
Methylene Chloride	5.60	0.0160	22000	0.0001	0.015	0.016
1,1,1-Trichloroethane	7.14	0.0350	58000	0.0002	0.052	0.052
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.27	0.0012	290	0.000002	0.00005	0.00005
Benzene	45.70	0.0036		0.0002		0.00016
Toulene	46.49	0.0015		0.0001		0.00007
Acetone	32.78	0.014		0.0005		0.00046
			Total	**0.20**	**0.60**	**0.80**

* GW oxidant demand assumes a 25% v/v PV, soil sp. gr. of 2.0 g/ml, a 12.5% v/wt PV, and one PV in the soil.

MATERIALS & METHODOLOGY

Materials

Sodium Persulfate – $Na_2S_2O_8$. Evonik/PeroxyChem Klozur®.

Sodium Hydroxide - NaOH. JT Baker reagent grade.

Analytical Methods

Both standard and non-standard methods were used during the study. Table 3 lists the methodologies.

Table 3.
Analytical Methodology

Test Parameter	Methodology
TOD/Effectiveness Testing	Haselow et, al. 2003. PeroxyChem Protocols. Ursus proprietary methodology
VOCs	SW-846 8260D
pH	EPA 9045

Acidity and Persulfate TOD Testing

Soil slurries were prepared for TOD testing by mixing each soil with its corresponding groundwater as shown in Table 1. Soil was mixed with groundwater at the laboratory measured soil porosity (Table 4) and one pore volume. The appropriate volume of groundwater and alkaline activated persulfate was diluted to a volume of 50 mls with deionized (DI) water. The groundwater persulfate solution was slurried with soil at a 1:1 ratio (50g soil/50 mls groundwater persulfate solution).

Table 4.
Laboratory Measured Soil Porosity

Sample	PV (vol/vol)	PV (vol/wt.)
TS-SA	20.9%	9.2%
TS-MP	24.6%	12.2%
TS-DG	28.8%	12.9%

Acidity testing was conducted to determine the amount of sodium hydroxide required for alkaline activation. The acidity of the slurry was determined prior to TOD testing. The slurry sample was titrated with a known amount of sodium hydroxide to determine the amount of alkalinity required to maintain the pH above 10.5

The soil slurry samples were prepared immediately prior to TOD testing. Samples were exposed to ambient laboratory conditions in tightly capped reaction jars. Sample were occasionally shaken during the study. Original soils were refrigerated when not in use. Samples were tested for persulfate TOD 48 hours and 96 hours post treatment. Sodium persulfate dosages of 1.0, 2.5, and 5.0 g/kg soil were tested. Persulfate dosages were based

on the stoichiometric requirement of the contaminant in soil and groundwater (Table 2), and an estimate of persulfate demand from other easily oxidized organic compounds and reduced metals. Typically, soil groundwater slurries require 2.0 to 8.0 g persulfate/kg soil.

Treatability Testing

For the treatability testing, soils were slurried with the same groundwater as TOD testing. For each sample a control and one alkaline activated persulfate dosage was tested for treatability testing. Based on the TOD data, an alkaline activated persulfate dosage of 5 g/kg soil was tested. A control sample was also prepared for each slurry. Soil was slurried with groundwater at one pore volume (based on laboratory measured soil porosity). The soil slurry was placed in a reaction jar with no headspace to minimize volatilization of organic compounds. The soil slurry samples were prepared immediately prior to treatability testing. Sample were occasionally shaken during the study.

A sacrificial sample was prepared at the same dosage to measure secondary parameters, including residual persulfate and pH, at 26 days post treatment. The control and treated samples (non-sacrificial sample) were measured for VOCs at 26 days post treatment.

RESULTS

Acidity

The amount of sodium hydroxide needed to adjust the sample for alkaline activation includes the mass needed to maintain the pH above 10.5 and the mass needed to compensate for the decomposition of sodium persulfate and formation of sulfuric acid. The soil titration curve at 7 days is shown in Figure 1. The baseline acidity for the soil slurries was 1.6 g NaOH/kg soil. The required amount of sodium hydroxide for each dosage is shown in Table 5.

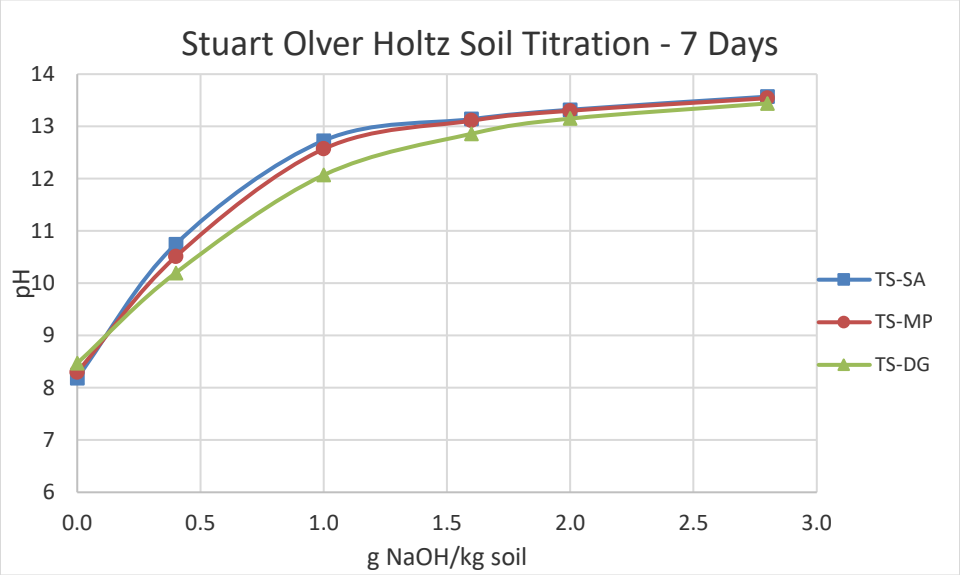


Figure 1. 7 Day Soil Titration Curves

Table 5.
Grams of NaOH Added at Each Dosage for Alkaline Persulfate Activation.

Persulfate Dosage (g/kg)	Acidity (g NaOH/kg soil)
1.0	2.0
2.5	2.5
5.0	3.4

Persulfate TOD Testing

TOD was measured at 48 hours and 96 hours post treatment. The TOD tests were set up on May 2, 2022. The 48-hour persulfate TOD (TOD_{48Hr}) was measured on May 4, 2022, and the 96-hour persulfate TOD (TOD_{96Hr}) was measured on May 6, 2022.

At each sampling event, the soil slurry was allowed to settle, and an aliquot of the liquid fraction was decanted and analyzed for residual persulfate. TOD data is shown in Table 6.

Table 6.
Alkaline Activated Persulfate TOD_{48Hr} and TOD_{96Hr} Results

		TOD_{48Hr}		TOD_{96Hr}	
Sample	**Sodium Persulfate Dosage (g/kg)**	**pH**	**TOD g/kg**	**pH**	**TOD g/kg**
TS-SA	1.0	13.03	0.2	12.83	0.6
	2.5	13.14	0.6	12.95	1.6
	5.0	13.26	1.3	13.01	2.9
TS-MP	1.0	13.00	0.1	12.82	0.6
	2.5	13.11	0.6	12.92	1.5
	5.0	13.24	1.3	13.12	2.7
TS-DG	1.0	12.87	0.2	12.70	0.8
	2.5	12.96	0.8	12.65	1.8
	5.0	13.08	1.1	12.87	3.4

The TOD results are discussed below.

1. The pH was above the target level of greater than 10.5 for all samples and dosages.

2. The higher the persulfate dosage, the higher the TOD.

3. The TOD was increasing from 48 to 96 hours, suggesting the TOD has not been met within 96 hours.

Treatability Testing

The persulfate dosage used in treatability testing was based on the TOD results. TOD testing showed the TOD was not met within 96 hours at the dosages tested. To compensate for the additional persulfate demand for periods of 3 to 4 weeks, a 5.0 g persulfate and/kg soil slurry and 3.4 g sodium hydroxide/kg soil slurry was tested for each sample.

Treatability testing was conducted for 26 days. After 26 days post-treatment, the sacrificial sample was analyzed for residual persulfate and pH. After 26 days post-treatment, the control and ISCO samples were analyzed for VOCs.

The residual persulfate and pH for the ISCO samples are shown in Table 7. All the persulfate was spent in the ISCO samples after 26 days and the pH was near or greater than the target pH of greater than 10.5.

Table 7.
ISCO Treated Samples pH and Residual Persulfate at 26 Days Post-Treatment

Sample	ISCO Sodium Persulfate Dosage (g/kg)	pH	Residual Persulfate g/kg
TS-SA	5.0	12.01	ND
TS-MP	5.0	11.01	ND
TS-DG	5.0	10.43	ND

ND = No Detect

The VOC results for the control and ISCO samples are summarized in Tables 8 and 9. Only chlorinated compounds were summarized in Tables 8 and 9. A full VOC analytical report is provided in Appendix A.

The control for each sample was compared to the baseline concentrations (Table 10). Higher concentrations in the baseline samples are apparent compared to the respective control sample. A number of variables may have impacted the difference including but not limited to the loss of volatile contaminants during the treatability phase of the study, loss of volatile contaminants during the period of sampling (11/11/21-12/14/21) and the date the study started (5/18/22).

Contaminant reduction was compared to the New York State Department of Environmental Conservation, Soil Cleanup Objectives, Unrestricted Use, Residential Use, Commercial Use, and Industrial Use. Trichloroethylene (TCE) was the only compound to exceed the Unrestricted Use standard in the SA Control sample (Table 8). Persulfate treatment of the SA sample (SA-ISCO) lowered the TCE to 0.11 mg/kg which is lower than the 0.47 mg/kg Unrestricted Use standard. All other compounds in the SA Control sample were below the Restricted Use standard (Table 8). However, treatment with alkaline activated persulfate lowered the other compounds concentrations when the SA ISCO sample was compared to the SA Control sample.

Table 8.
Control and ISCO Treated Sample VOC's for the Source Area (TS-SA), mg/kg

		Restricted					
Compound	Unrestricted Use*	Residential Use*	Commercial Use*	Industrial Use*	TS-SA Control	TS-SA ISCO	Percent Reduction
Chloroethane	NC	NC	NC	NC	0.0019	ND	>21
1,1-Dichloroethane	0.27	19	240	480	0.12	0.028	77%
1,1-Dichloroethylene	0.33	100	500	1,000	0.0018	ND	>53
cis-1,2-Dichloroethylene	0.25	59	500	1,000	0.23	0.10	57%
trans-1,2-Dichloroethylene	0.19	100	500	1,000	ND	0.0071	>89
Methylene Chloride	0.05	51	500	1,000	0.038	0.0081	79%
Tetrachloroethylene	1.3	5.5	150	300	0.0024	0.0013	46%
1,1,1-Trichloroethane	0.68	100	500	1,000	0.048	0.037	23%
Trichloroethylene	0.47	10	200	400	6.3	0.11	98%

* New York State Department of Environmental Conservation, Soil Cleanup Objectives.

NC – No NYSDEC standards exist for this analyte.

ND = No Detection

Samples MP Control and DG Control found none of the chlorinated compounds exceeded the soil cleanup objectives (Table 9). In most cases, treatment with 5.0 g/kg alkaline active persulfate lowered the TS-MP ISCO and TS-DG ISCO concentrations when compared to their respective control sample. Where the ISCO sample were higher than the control, the concentrations of both were near the method detection limit (MDL). Concentrations near the MDL can show significant percent difference. However, the actual concentrations are similar in magnitude. This was the case for the TS-MP and TS-DG sample except for trichloroethylene in the TS-DG sample where the ISCO sample was 0.040 mg/kg and the control was 0.0019 mg/kg.

Table 9.
Control and ISCO Treated Samples VOC's for the Mid-Point (TS-MP) and Downgradient (TS-DG) Area, mg/kg

		Restricted								
Compound	Unrestricted Use*	Residential Use*	Commercial Use*	Industrial Use*	TS-MP Control	TS-MP ISCO	Percent Reduction	TS-DG Control	TS_DG ISCO	Percent Reduction
Chloroethane	NC	NC	NC	NC	0.0064	0.0014	78%	ND	ND	-
1,1-Dichloroethane	0.27	19	240	480	0.22	0.044	80%	0.017	0.0048	72%
1,1-Dichloroethylene	0.33	100	500	1,000	0.0068	ND	>89	ND	ND	-
cis-1,2-Dichloroethylene	0.25	59	500	1,000	0.0098	0.0071	28%	0.0094	0.0099	-5%
trans-1,2-Dichloroethylene	0.19	100	500	1,000	ND	0.0011	>9	ND	0.00091	>53
Methylene Chloride	0.05	51	500	1,000	ND	ND	-	ND	ND	-
Tetrachloroethylene	1.3	5.5	150	300	ND	0.00078	>-28	ND	ND	-
1,1,1-Trichloroethane	0.68	100	500	1,000	ND	ND	-	0.0034	0.0052	-53%
Trichloroethylene	0.47	10	200	400	0.013	0.0056	57%	0.0019	0.040	-2005%

* New York State Department of Environmental Conservation, Soil Cleanup Objectives.

NC - No NYSDEC standards exist for this analyte.

ND = No Detection

Table 10.
Baseline Soil and Control Slurry Comparison, mg/kg

		Restricted								
Compound	Unrestricted Use*	Residential Use*	Commercial Use*	Industrial Use*	TS-SA Baseline	TS-SA Control	TS-MP Baseline	TS-MP Control	TS-DG Baseline	TS-DG Control
Chloroethane	NC	NC	NC	NC	0.0036	0.0019	ND	0.0064	0.0036	ND
1,1-Dichloroethane	0.27	19	240	480	4	0.12	5.6	0.22	0.76	0.017
1,1-Dichloroethylene	0.33	100	500	1,000	0.024	0.0018	0.5	0.0068	0.027	ND
cis-1,2-Dichloroethylene	0.25	59	500	1,000	4	0.23	0.78	0.0098	2.1	0.0094
trans-1,2-Dichloroethylene	0.19	100	500	1,000	0.0017	ND	0.0011	ND	0.0036	ND
Methylene Chloride	0.05	51	500	1,000	0.016	0.038	0.0040	ND	ND	ND
Tetrachloroethylene	1.3	5.5	150	300	0.0010	0.0024	ND	ND	ND	ND
1,1,1-Trichloroethane	0.68	100	500	1,000	0.035	0.048	ND	ND	0.0014	0.0034
Trichloroethylene	0.47	10	200	400	21	6.3	0.12	0.013	ND	0.0019

* New York State Department of Environmental Conservation, Soil Cleanup Objectives.

NC - No NYSDEC standards exist for this analyte.

ND = No Detection

SUMMARY

Alkaline activated sodium persulfate was found effective in reducing chlorinated contaminants of concern at the Stuart Olver Holtz site. Most of the persulfate demand can be attributed to the soil rather than the chlorinated hydrocarbons. The stoichiometric demand was estimated at 0.80 g persulfate/kg for the most contaminated soil slurry. The stoichiometric demand is 16% of the 5 g persulfate/kg soil slurry dosage.

When treated with 5 g persulfate/kg soil slurry, all the persulfate was spent within 26 days and reduced all contaminants below the New York State Department of Environmental Conservation, Soil Cleanup Objectives, Unrestricted Use standard. The 5 g persulfate/kg soil slurry dosage is an effective dosage to reduce chlorinated hydrocarbons at the site. As stated above, most of the persulfate demand is attributed to the soil and not the contaminants. The 5 g persulfate/kg soil slurry dosage is a sufficient dose to oxidize the soil and contaminants even when the loss of volatile contaminants is accounted for.

The 3.4 g sodium hydroxide/kg soil slurry dosage met the target pH of greater than 10.5 for all the samples. The objective for sodium hydroxide dosing is to have the pH be near the target pH of 10.5 after all the persulfate is spent so there isn't a high residual pH in the groundwater. This was achieved for sample TS-MP and TS-DG. Sample TS-SA had a pH of 12.01 after the persulfate was spent and the amount of sodium hydroxide added could be reduced for this area.

REFERENCES

Evonik/PeroxyChem Klozur™ Activated Persulfate Treatability Protocol Template.

Haselow, J, S., Siegrist, R, L., Crimi, M., and Jarosch, T. 2003. Estimating the Total Oxidant Demand for In Situ Chemical Oxidation Design. Remediation Autumn 2003.

Sincerely,



Andrew Wenzel
Principal

APPENDIX A
Con-test/Pace Laboratory VOC Analytical Report

Attachment A

Sketch of Ruby Gordon Furniture Store Sump System

W Portion of Ruby Gordon Figure

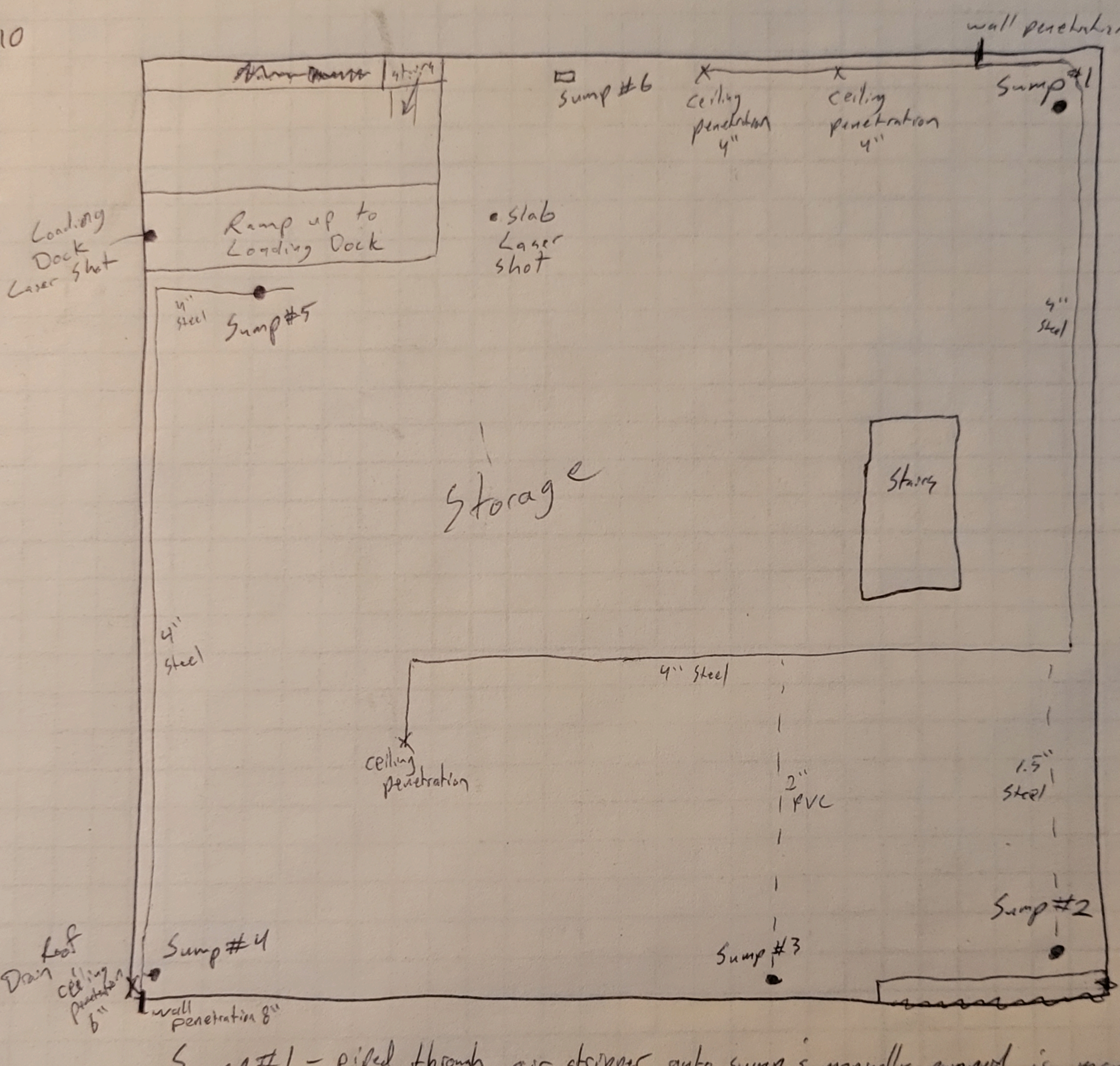
N

SOH

84-PZ-01

OW-06S

MW-10



Sump #1 - piped through air stripper, auto sump & manually pumped, is manually pumped to Sump #5

Sump #2 auto pump

Sump #3 auto pump

Sump #4 auto pump

Sump #5 auto pump

Sump #6 no pump

MW-9

Attachment B

NYSDOH Indoor Air Quality Questionnaire and Building Inventory

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Caitlin Serowik Date/Time Prepared 4/13/2021 0700

Preparer's Affiliation TRC Phone No. 315-427-5248

Purpose of Investigation Remedial Investigation

1. OCCUPANT:

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ___)

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	Commercial/Multi-use
Industrial	Church	Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s): Furniture Store and Warehouse

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

_____

_____

_____

Airflow near source

_____

_____

_____

Outdoor air infiltration

_____

_____

_____

Infiltration into air ducts

_____

_____

_____

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	wood frame	concrete	stone	brick
b. Basement type:	full	crawlspace	slab	other _____
c. Basement floor:	concrete	dirt	stone	other _____
d. Basement floor:	uncovered	covered	covered with _____	
e. Concrete floor:	unsealed	sealed	sealed with _____	
f. Foundation walls:	poured	block	stone	other _____
g. Foundation walls:	unsealed	sealed	sealed with _____	
h. The basement is:	wet	damp	dry	moldy
i. The basement is:	finished	unfinished	partially finished	
j. Sump present?	Y / N			
k. Water in sump?	Y / N / not applicable			

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

_Cracks were noted throughout the entire basement slab _____

_____

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: _____

Boiler/furnace located in:	Basement	Outdoors	Main Floor	Other_____
Air conditioning:	Central Air	Window units	Open Windows	None

Are there air distribution ducts present? Y / N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

_____

_____

_____

_____

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	Storage, warehouse and delivery area.
1st Floor	Furniture store gallery and warehouse.
2nd Floor	_____
3rd Floor	_____
4th Floor	_____

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / (N)

b. Does the garage have a separate heating unit? Y / N / (NA)

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / (NA) Please specify_____

d. Has the building ever had a fire? Y / N When?_____

e. Is a kerosene or unvented gas space heater present? Y / N Where? _____

f. Is there a workshop or hobby/craft area? (Y) / N Where & Type? 1st floor, furniture assembly

g. Is there smoking in the building? Y / (N) How frequently? _____

h. Have cleaning products been used recently? Y / N When & Type? _____

i. Have cosmetic products been used recently? Y / N When & Type? _____

j. Has painting/staining been done in the last 6 months? Y / N Where & When? _____

k. Is there new carpet, drapes or other textiles? Y / N Where & When? _____

l. Have air fresheners been used recently? Y / N When & Type? _____

m. Is there a kitchen exhaust fan? Y / N If yes, where vented?_____

n. Is there a bathroom exhaust fan? Y / N If yes, where vented?_____

o. Is there a clothes dryer? Y / N If yes, is it vented outside? Y / N

p. Has there been a pesticide application? Y / N When & Type?_____

Are there odors in the building? Y / N
If yes, please describe: _____

Do any of the building occupants use solvents at work? Y / N
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) No
Yes, use dry-cleaning infrequently (monthly or less) Unknown
Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? Y / N Date of Installation: _____
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: Public Water Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: Public Sewer Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

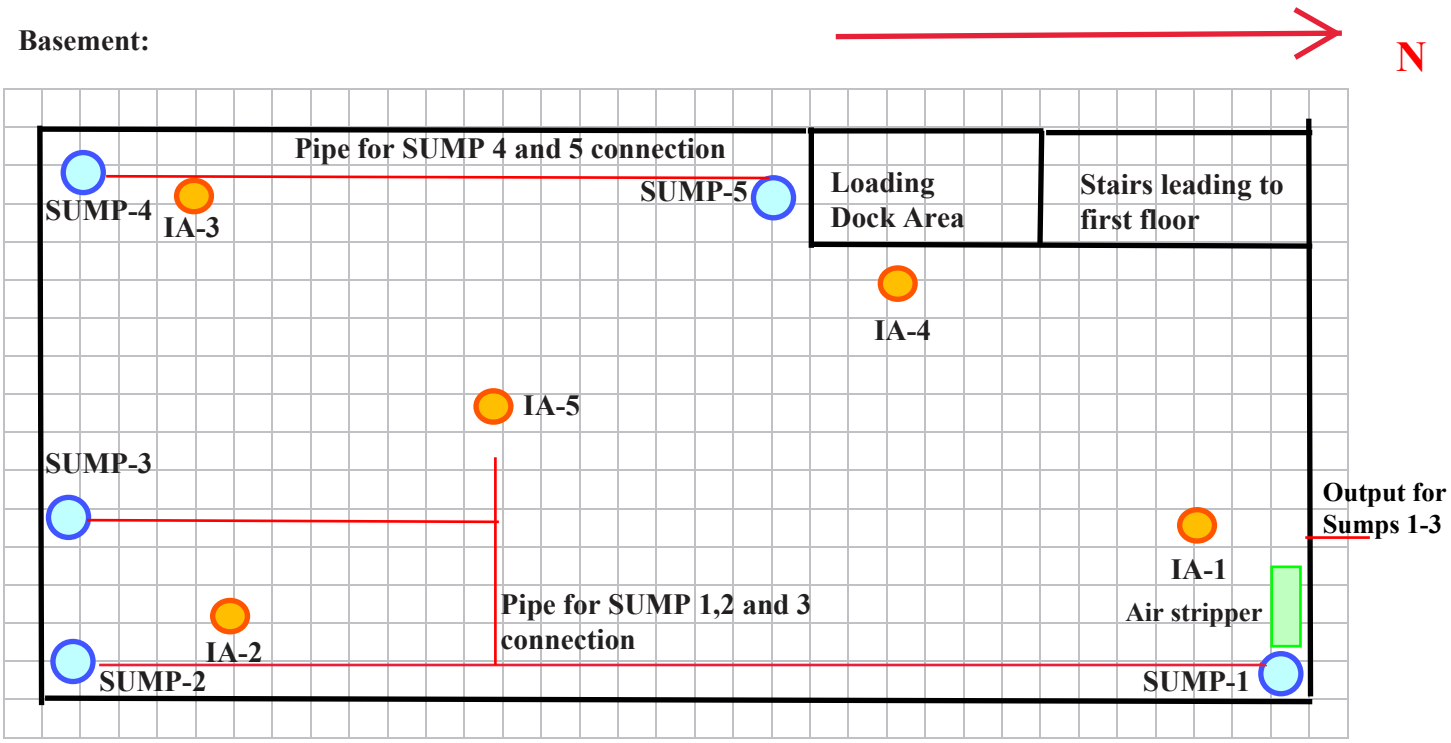
c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

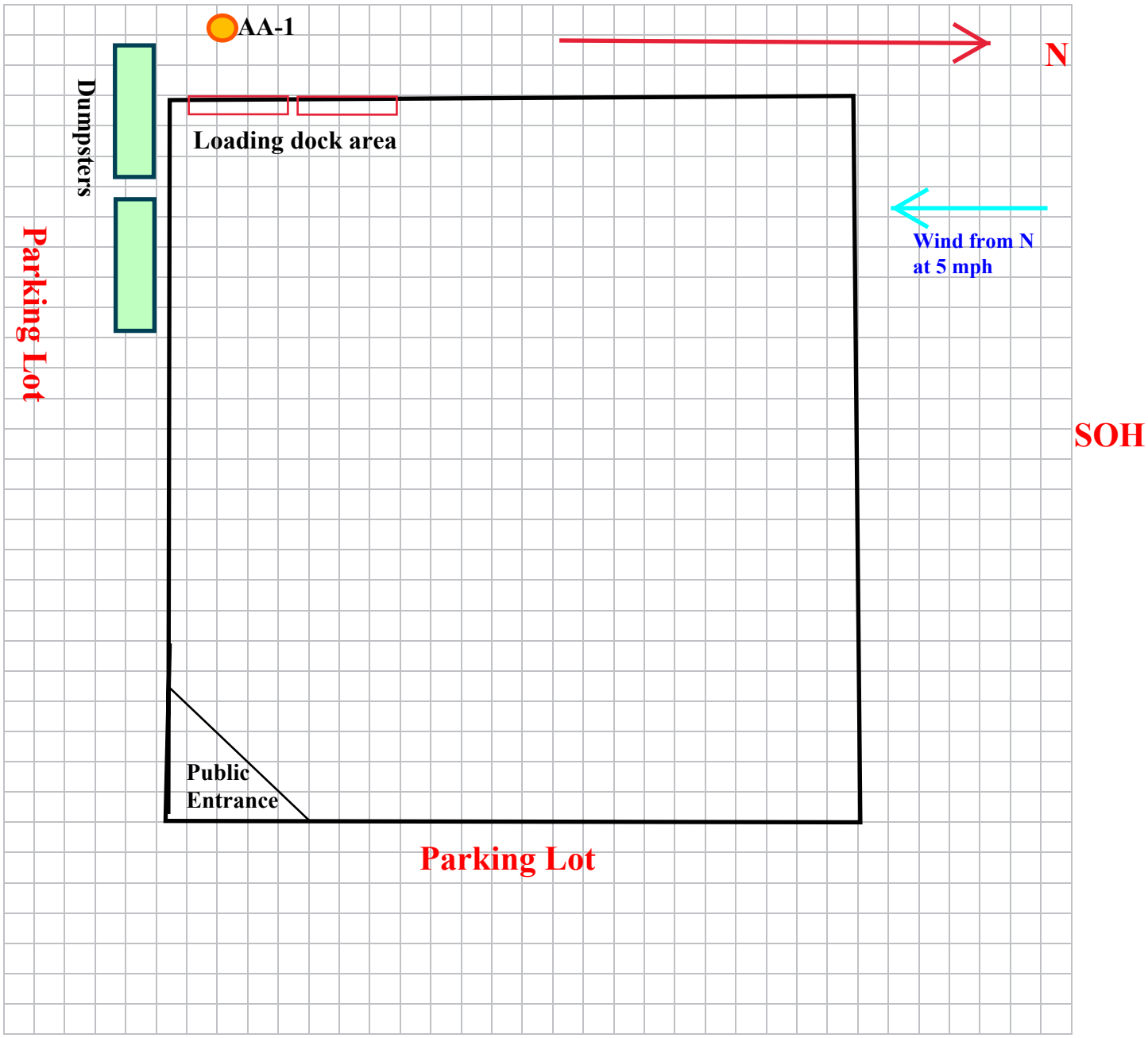


First Floor:

12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.