DELPHI AUTOMOTIVE SYSTEMS

MONROE, NEW YORK

Final Engineering Report

1000 LEXINGTON AVENUE

MONROE COUNTY, ROCHESTER, NEW YORK

NYSDEC Site Number: 8-28-064

Prepared for:

GM Components Holdings, LLC (GMCH)

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Prepared by:

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JANUARY 2026

CERTIFICATIONS

I, Leslie Nelson, am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for implementation of the remedial program activities, and I certify that the Remedial Work Plan[1] was implemented and that all construction activities were completed in substantial conformance with the Department-approved Remedial Work Plan.

I certify that the data submitted to the Department with this Final Engineering Report demonstrates that the remediation requirements set forth in the Remedial Work Plan (RWP) and in all applicable statutes and regulations have been or will be achieved in accordance with the time frames, if any, established for the remedy.

I certify that all use restrictions, Institutional Controls, Engineering Controls, and/or any operation and maintenance requirements applicable to the Site are contained in an environmental easement created and recorded pursuant ECL 71-3605 and that all affected local governments, as defined in ECL 71-3603, have been notified that such easement has been recorded.

I certify that a Site Management Plan has been submitted for the continual and proper operation, maintenance, and monitoring of all Engineering Controls employed at the Site, including the proper maintenance of all remaining monitoring wells,[2] and that such plan has been approved by the Department.

I certify that any financial assurance mechanisms required by the Department pursuant to Environmental Conservation Law have been executed.[3]

I certify that all documents generated in support of this report have been submitted in accordance with the DER's electronic submission protocols and have been accepted by the Department.

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[1] The term "Remedial Work Plan" refers to the Remedial Work Plan approved by NYSDEC on July 6, 2020.

[2] A list of the current Site monitoring wells is presented in the NYSDEC approved SMP (September 30, 2022).

[3] Surety Bond No. 285064939 executed October 2020.

I certify that all data generated in support of this report have been submitted in accordance with the Department's electronic data deliverables and have been accepted by the Department.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Leslie Nelson P.E., of 598 Byrne Industrial Drive, Rockford, Michigan 49341, am certifying as Owner's Designated Site Representative and I have been authorized and designated by all site owners to sign this certification for the site.

111887	1/20/26	
NYS Professional Engineer #	Date	Signature



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LIST OF ACRONYMS

Acronym	Definition
AA	Ambient Air
AWTA	Additional Waste Treatment Area
bls	Below Land Surface
CAMP	Community Air Monitoring Plan
COCs	Contaminants of Concern
CPP	Citizen Participation Plan
CWTA	Central Waste Treatment Area
DCE	Dichloroethene
DFRs	Daily Field Reports
DUSR	Data Usability Summary Report
EC	Engineering Control
EE	Environmental Easement
ELAP	Environmental Laboratory Approval Program
EQ	Environmental Quality
EWP	Excavation Work Plan
EWTA	Eastside Waste Treatment Area
FER	Final Engineering Report
FS	Feasibility Study
GAC	Granulated Activated Carbon
GRTS	Groundwater Recovery and Treatment System
GMC	General Motors Corporation
GMCH	General Motors Components Holdings
HAP	Hazardous Air Pollutants
HASP	Health & Safety Plan
IA	Indoor Air
IAQ	Indoor Air Quality
IC	Institutional Control
IRM	Interim Remedial Measure
LNAPL	Light Non-Aqueous Phase Liquids
MCPW	Monroe County Pure Waters
NAPL	Non-Aqueous Phase Liquids
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYCRR	New York Code of Rules and Regulations
OM&M	Operations Monitoring and Maintenance
OSHA	Occupational Safety and Health Administration
O/W	Oil Water Separator
PCBs	Polychlorinated Biphenyls

Acronym	Definition
PCE	Tetrachloroethene
PID	Photoionization Detector
POTW	Publicly Owned Treatment Works
QAPP	Quality Assurance Project Plan
RAO	Remedial Action Objective
ROD	Record of Decision
RWP	Remedial Work Plan
RI	Remedial Investigation
RSO	Remedial System Optimization
SCGs	Standards Criteria and Guidance
SCOs	Soil Cleanup Objectives
SMP	Site Management Plan
SSD	Sub-slab Depressurization
SVI	Soil Vapor Intrusion
SV	Sub-slab Vapor
TCE	Trichloroethene
USEPA	U.S. Environmental Protection Agency
UST	Underground Storage Tank
VC	Vinyl Chloride
VFDs	Variable Frequency Drives
VMPs	Vacuum Monitoring Points
VOCs	Volatile Organic Compounds

FINAL ENGINEERING REPORT

1.0 BACKGROUND AND SITE DESCRIPTION

The Delphi Automotive Systems Site (Site) is located at 1000 Lexington Avenue in Rochester, New York. The Site is listed as Number (No.) 828064 in the Registry of Inactive Hazardous Waste Disposal Sites in New York State. The Site is currently owned by GM Components Holdings, LLC (GMCH) and is an active automotive component manufacturing facility. General Motors Corporation (GMC) built the original manufacturing building at 1000 Lexington Avenue in the City of Rochester, Monroe County, New York (Figure 1) and began manufacturing operations at the Site in 1938. Various GMC divisions operated the facility until ownership of the Site and its operation were sold to Delphi Corporation (Delphi) in 1999. In January of 2010, GMCH purchased the Site as a part of GMC's restructuring plan.

The Site contains an approximately 2,000,000 square foot manufacturing building which includes administrative and engineering offices as well as smaller buildings used for storage, utility, industrial wastewater pretreatment, and security activities. Paved roadways, service and shipping courtyards, and vehicle parking lots cover most of the remainder of the Site. Unpaved outdoor areas that occupy less than 5 percent of the Site are enclosed by a security fence and are either maintained with vegetative cover or with coarse stone cobbles and gravel.

Delphi Corporation entered into an Order on Consent, with the New York State Department of Environmental Conservation (NYSDEC) in January 2002, to conduct a remedial investigation (RI) and feasibility study (FS) of the property. The key findings of the RI presented in the Final Remedial Investigation Report (RIR) (Haley & Aldrich of New York, 2005) and Feasibility Study (Haley & Aldrich of New York, 2008) included:

- Site groundwater is contaminated with chlorinated volatile organic compounds (chlorinated VOCs). The vertical extent of groundwater contamination is limited by geologic conditions to the overburden and top 25 feet of underlying bedrock.

- A groundwater migration-control system is in place along the northern edge of the Site to limit northward lateral migration of groundwater contaminants. The migration control system has been in operation since 1992, and it has effectively reversed the gradient of groundwater flow in the horizons affected by the contaminant plume.

- Occurrences of light non-aqueous phase liquids (LNAPL) in shallow groundwater are present in several areas within the interior of the Site. The LNAPL consists of lubricating oils and/or lighter-weight petroleum distillates.

- Between the eastern Site boundary and the east side of the manufacturing building, the intermediate-bedrock zone is also contaminated with LNAPL. LNAPL occurs at depth and is generally absent at the water table. The LNAPL consists of light-weight petroleum distillates and heavier weight lubricating oil fraction and contains chlorinated VOCs.

- Soil contaminated by chlorinated VOCs is present inside the manufacturing building and in these areas chlorinated VOCs are present in soil vapor beneath the floor slab.

- Soil contamination by metals, including chromium, copper and zinc is present beneath the manufacturing building in subsurface soils along the path of a former wastewater drainage ditch in an area north of Building 14.

- Groundwater at the Site and in the surrounding area is not used as a source of water for drinking or other domestic, commercial, industrial, or agricultural purposes, and Site groundwater does not discharge to surface water bodies. Groundwater use in the area is prohibited by the City of Rochester ordinance.

- Buildings and pavements cover approximately 95 percent of the Site. The building floor slab and outdoor pavements currently provide an effective barrier that prevents exposure of Site workers and the public to contaminants present in soil at the Site.

The GMCH entered into an Order on Consent, Index Number: B8-0531-98-06 with the NYSDEC to remediate the Site in September 2020. The property was remediated to commercial and industrial use criteria and will be used for the manufacturing of automotive parts.

The Site is located in the County of Monroe, New York and is identified as Section #090.790 Block 0001 and Lot 001,002 on the City of Rochester Tax Map. The Site is situated on an approximately 87-acre area bounded by Driving Park Avenue to the north, Lexington Avenue to the south, and Mount Read Boulevard to the west (see Figure 2).

The boundaries of the Site are fully described in Appendix A: Survey Map, Metes and Bounds and Appendix C: Environmental Easement.

An electronic copy of this Final Engineering Report (FER) with all supporting documentation is included as Appendix B.

2.0 SUMMARY OF SITE REMEDY

2.1 REMEDIAL ACTION OBJECTIVES

Remedial Action Objectives (RAOs) were identified for this site.

2.1.1 Groundwater RAOs

RAOs for Public Health Protection

- Prevent ingestion of groundwater containing contaminant levels exceeding drinking water standards.
- Prevent contact with, or inhalation of, volatiles emanating from contaminated groundwater.

RAOs for Environmental Protection

- Restore ground water aquifer, to the extent practicable, to pre-disposal/pre-release conditions.
- Prevent the discharge of contaminants to surface water.
- Remove the source of ground or surface water contamination.

2.1.2 Soil RAOs

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of, or exposure to, contaminants volatilizing from contaminated soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.
- Prevent impacts to biota due to ingestion/direct contact with contaminated soil that would cause toxicity or bioaccumulation through the terrestrial food chain.

2.1.3 Soil Vapor RAOS

RAOs for Public Health Protection

- Mitigate impacts on public health resulting from existing, or the potential for, soil vapor intrusion into buildings at the Site.

2.2 DESCRIPTION OF SELECTED REMEDY

The Site was remediated in accordance with the remedy selected by the NYSDEC in the Record of Decision (ROD) dated March 20, 2011, which is referred to as the *Enhancement of Existing Groundwater Collection system, Site Management and LNAPL collection* remedy. The factors considered during the selection of the remedy are those listed in 6 New York Code of Rules and Regulations (NYCRR) 375-1.8. The following are the components of the selected remedy:

1. Continued operation of the interim remedial measures (IRMs) installed at the Site, with the following evaluation and enhancements:
   - LNAPL recovery in the Building 22 and Tank Farm areas. Additional LNAPL recovery methods will be implemented to expand the area and volume of non-aqueous phase liquids (NAPL) recovery, in a manner allowing for continued facility manufacturing operations in the areas affected by LNAPL.
   - An effectiveness study will evaluate LNAPL in areas adjacent to the existing LNAPL collection points to determine if more aggressive collection techniques are required.
   - The continued operation of the Groundwater Migration Control systems with the installation of additional recovery wells. The operation of the current groundwater migration control systems in concert with the recovery of LNAPL interior to the Site to reduce the mass flux of dissolved phase contaminants. At a minimum, expansion of the groundwater migration control system will require the installation of at least two bedrock groundwater recovery wells north of the Eastern Parking Lot.

- Continue to maintain a positive pressure in Site buildings to address vapor intrusion in areas of contamination in the subsurface and evaluation of the effectiveness and extent of the mitigation provided by this approach by conducting periodic indoor air quality testing throughout the building.

2. Maintenance of a cover system consisting of existing structures such as buildings, pavement, sidewalks, or soil cover in areas where the upper 1 foot of exposed surface soil exceeds the applicable soil cleanup objectives (SCOs). Where the soil acts as the cover system, it will be a minimum of 1 foot of soil, meeting the SCOs for cover material as set forth in 6 NYCRR Part 375- 6.7(d) for commercial use or protection of groundwater, whichever is lower. The soil cover will be placed over a demarcation layer, where appropriate, with the upper 6 inches of the soil of sufficient quality to maintain a vegetation layer and to prevent human exposure to remaining contaminated soil/fill at the Site.

3. Execution and recording of an institutional control in the form of an Environmental Easement to restrict land use and prevent future exposure to any contamination remaining at the Site following completion of remedial activities.

4. Development and implementation of a Site Management Plan (SMP), in order to enhance the long-term management of remaining contamination as required by an Environmental Easement, which includes plans for: (1) Institutional Controls/Engineering Controls (IC/EC), (2) monitoring, (3) operation and maintenance, and (4) reporting.

IRMs incorporated into the selected remedy for the Site are described below:

2.2.1 Tank Farm Area LNAPL Recovery System

A LNAPL recovery system was installed in 1989 in the Tank Farm area to collect NAPL detected at the overburden soil/groundwater interface. The LNAPL consists of a mixture of Stoddard solvent (a petroleum distillate used as a calibration fluid in fuel system

product testing), other gasoline-like test fuels, and machining oils. The Tank Farm Area LNAPL recovery system includes a total fluids pumping system installed within a subgrade vault identified as RW-2. LNAPL and groundwater are extracted and treated using an oil/water (O/W) separator, air stripper system, and granulated activated carbon (GAC) adsorption prior to discharge to the facility's sanitary sewer for additional treatment at the Monroe County Pure Waters (MCPW) Publicly Owned Treatment Works (POTW).

2.2.2 Blasted Bedrock Trench Groundwater Migration Control System

A groundwater migration-control system was installed north of the manufacturing plant in 1992 to recover groundwater from the bedrock groundwater bearing zones. The system consists of two recovery wells (GR-1 and GR-2) installed within a 1,200-foot-long groundwater recovery trench created using engineered blasting techniques to enhance the bedrock aquifer permeability. The recovery wells are equipped with total fluid pumps installed in the approximately 50-foot-deep blasted bedrock trench to extract and discharge impacted groundwater to the municipal sewer for treatment at the MCPW POTW.

2.2.3 Building 22 LNAPL Recovery System

An LNAPL recovery system was installed in 1995 to recover NAPL primarily composed of aliphatic hydrocarbons impacted with polychlorinated biphenyls (PCBs). The recovery system consists of a total fluids diaphragm suction pump installed within the foundation drain system sump outside the Additional Waste Treatment Area (AWTA). The LNAPL and groundwater extracted from the sump are routed through a coalescing O/W separator located inside the AWTA building. Recovered LNAPL, when encountered, is placed in drums and shipped off-site for disposal, and the separated groundwater is processed through a bag filtration system and a 1,000-pound vessel containing GAC prior to discharge to the municipal sewer for treatment at the MCPW POTW.

2.2.4 Cover System (Surface and Subsurface Soils)

This portion of the soil remedy includes the maintenance of the existing cover systems, including the building foundations where impacted subsurface soils are located beneath the active manufacturing areas and the existing asphalt and concrete cover systems located outside of the buildings at the Site where surface-soils (soils located in the upper 1 foot) exhibit concentrations of contaminants of concern (COCs) that exceed commercial

or industrial SCOs. The scope of the inspection and maintenance activities to be completed to maintain the cover systems are described in the SMP (Haley & Aldrich, 2022d).

2.2.5 Institutional Controls

ICs implemented at the Site include:

- Implement, maintain, and monitor the installed ECs,
- Prevent future exposure to remaining contamination; and,
- Limit the use and development of the Site to Commercial/Industrial uses only.

Adherence to these ICs is required by an Environmental Easement (EE) implemented under the SMP. The IC identified in the EE may not be discontinued without an amendment to or extinguishment of the EE. The IC specified by the EE include:

- The property may only be used for commercial or industrial purposes,
- All ECs must be operated and maintained as specified in the SMP,
- All ECs must be inspected at a frequency and in a manner defined in the SMP,
- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the New York State Department of Health (NYSDOH) or the Monroe County Department of Health to render it safe for use as drinking water or for industrial purposes and notification and approval by the Department.
- Groundwater and other environmental or public health monitoring must be performed as defined in the SMP,
- Data and information pertinent to Site management must be reported at the frequency and in a manner as defined in the SMP,
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in this SMP,
- Operation, maintenance, monitoring, inspection, and reporting must be performed as defined in the SMP,

- Access to the Site must be provided to agents, employees, or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the EE,
- The potential for vapor intrusion must be evaluated for any buildings developed in the area within the IC boundaries and any potential impacts that are identified must be monitored and mitigated; and an evaluation shall be performed to determine the need for further investigation and remediation should large-scale redevelopment occur, if any of the existing structures are demolished or if subsurface is made accessible.

3.0 INTERIM REMEDIAL MEASURES AND REMEDIAL CONTRACTS

3.1 INTERIM REMEDIAL MEASURES

IRMs implemented at the Site following the issuance of the ROD and the completion of the remedy included:

3.1.1 Groundwater Recovery and Treatment System

The expansion of the existing groundwater recovery systems was completed in May 2014 and included the installation of two bedrock groundwater recovery wells (GR-3 and GR-4) equipped with submersible pumps operated with variable frequency drives (VFD) with continuous operation and automated water level controls. The bedrock groundwater recovery wells were constructed with wire-wrapped stainless-steel screens installed across the shallow and intermediate bedrock groundwater bearing units to control migration of impacted groundwater and LNAPL along the eastern property boundary. The recovered groundwater and LNAPL are directed to an integrated groundwater recovery and treatment system (GRTS) within a standalone building constructed to the east of Building 1. The as-built drawings for the GRTS are provided in Appendix D.

The installation of the recovery wells was documented in the report submitted to the NYSDEC titled *Groundwater Recovery Wells (GR-3 and GR-4) Installation Report* (Haley & Aldrich, 2012), and the design of the aboveground treatment system was submitted to the NYSDEC in the report titled *Groundwater Recovery and Treatment System (GRTS), Former Delphi Automotive Systems Site No. 828064* (Haley & Aldrich, 2013).

Well GR-3 was installed through approximately 17 feet of unconsolidated overburden and into the uppermost 25 feet of bedrock with a total depth of approximately 42 feet below land surface (bls). Well GR-4 was drilled through approximately 8 feet of unconsolidated overburden and into the uppermost 36 feet of bedrock to a total depth of approximately 44 feet bls. The overburden consisted primarily of fill material composed of brown to light gray gravelly silt. The uppermost bedrock consisted of the Rochester Shale, described in both locations as a moderately hard to hard, fine-grained, gray, dolomitic mudstone with thin horizontal bedding.

Initial characterization of the groundwater quality included the collection of

representative samples for the analysis of:

- VOCs – U.S. Environmental Protection Agency (USEPA) Method 624
- Semi-Volatile Organic Compounds – USEPA Method 625
- Gasoline Range Organics – USEPA Method 8015C
- Diesel and Oil Range Organics – USEPA Method 8015C
- Metals (Total) – USEPA Method 200.7 and 245.1
- Metals (Dissolved) – USEPA Method 200.7 and 245.1
- PCBs – USEPA Method 608 Modified
- Total Organic Carbon – SM 5310C
- Hardness (Total as CaCO3) – SM 2340C
- Oil and Grease – USEPA Method 1664
- Total Dissolved Solids – SM 2540C
- Total Suspended Solids – SM 2540D

A sample of LNAPL was also collected from GR-4 for analysis of VOCs (USEPA Method 8260B), specific gravity (SM 2710F), and viscosity (ASTM International D445). Primary COCs detected in the groundwater and LNAPL samples included 1,2 dichloroethene (DCE) isomers (cis and trans 1,2 DCE), vinyl chloride (VC) and benzene, toluene, ethylbenzene, and xylenes isomers. The specific gravity of the LNAPL was 0.864 grams per cubic centimeter, indicating that the recovered material is an LNAPL. The results of the sample analysis were used to develop the design of the GRTS to address the presence of recoverable LNAPL and the VOCs identified in the groundwater and LNAPL present in this area of the Site.

The GRTS was constructed in 2014 and included:

- Construction of a stand-alone building east of the manufacturing building adjacent to the RW-2 vault installed as part of the Tank Farm Overburden LNAPL recovery system installed by the facility in 1992.
- Installation of the components of the groundwater/LNAPL treatment system including: two O/W separators (configured in parallel), one equalization tank (for the combined effluent from the O/W separators), two bag filter housing (to remove suspended solids) prior to introduction to one shallow tray air stripper

system (for the treatment of the combined groundwater waste stream and, one 1,000-pound liquid GAC vessel prior to the discharge to the Monroe County Sanitary Sewer via a permitted discharge monitoring point.

Operation of the GRTS commenced in May 2014 and has operated with monthly discharge monitoring and reporting to Monroe County under the facility's sewer use permit and periodic inspection and maintenance performed in accordance with the SMP. Recovered LNAPL and waste generated from the operation and maintenance of the GRTS is containerized and disposed off-Site by the facility. More information on waste disposal associated with the implementation of the remedy is provided in Section 4.

Figure 3 presents the groundwater levels observed in the intermediate bedrock groundwater bearing unit at the Site prior to the installation on GR-3 and GR-4 and operation of the GRTS. Figure 4 presents the most recent groundwater levels observed in the intermediate bedrock groundwater bearing unit at the Site with the GRTS in operation.

3.1.2 Sub-Slab Depressurization (SSD) System

The investigation of soil vapor conditions at the facility was conducted in three phases from 1990 through the completion of the RI in 2005. The initial soil vapor quality screening was conducted in 1990 and included the collection of soil vapor samples at locations from beneath the building floor slab. The second phase soil vapor investigation was conducted in 1996 and focused on specific former degreaser locations within the facility.

During the RI, a soil vapor assessment sampling event was performed where sub-slab soil vapor and indoor air samples were collected simultaneously at six locations within the manufacturing building in areas where soil, soil vapor, and/or groundwater impacted by chlorinated VOCs and/or petroleum test fluids had been identified. A summary of the results of these investigations was included in the final *Remedial Investigation Report* (Haley & Aldrich, 2005).

The potential for impacted soil vapor intrusion (SVI) into the indoor air was further evaluated in May 2014. The results of the SVI investigation were documented in the report submitted to the NYSDEC titled *Soil Vapor Intrusion Investigation Results – May 2014, Delphi Automotive Systems Site No. 828064* (Haley & Aldrich, October 2014).

The SVI was conducted in accordance with guidance provided by the NYSDOH *Guidance for Evaluating Soil Vapor Intrusion in New York State*, revised May 2006, and in the SVI Work Plan approved by the Department with conditions on April 9, 2014. The SVI included the collection of co-located sub-slab vapor and indoor air samples at locations throughout the facility for the analysis of VOCs using USEPA Method TO-15 at an NYSDOH Environmental Laboratory Approval Program (ELAP) certified environmental laboratory. VOCs, including trichloroethene (TCE) and cis-1,2-DCE were detected in indoor air samples collected at five locations within Building 1 with the highest concentrations (e.g., TCE, 14 micrograms per cubic meter) detected at the eastern end of the building. VOC detected in the sub-slab soil vapor samples included VC, methylene chloride, cis-1,2-DCE, TCE, chloroethane (CA), 1,1-dichloroethane, 1,1,1-trichloroethane, and tetrachloroethene (PCE). The highest concentration of VOCs detected in the sub-slab soil vapor during the investigation was at location E-19 where VC and cis-1,2-DCE were present at concentrations several orders of magnitude greater than the concentration detected within the co-located indoor air sample.

Following the SVI investigation, an SSD pilot test program was conducted in January 2015 (Phase 1) and May 2015 (Phase 2) at two locations within Building 1 to assist in the design of an SSD system and included the following elements:

- The installation of a suction pit below the concrete floor.
- The installation of extraction piping to a temporary/portable vacuum blower system with discharge of the extracted vapor to the outdoor atmosphere through flexible hosing.
- The installation of vacuum monitoring points (VMPs) through the concrete floor at a range of distances from the suction pit.
- Operation of the temporary/portable vacuum blower system with periodic monitoring of the sub-slab vacuum to determine the radius of vacuum influence measured at the VMPs.

The results of the pilot testing activities were submitted to the NYSDEC in a report titled *Sub-Slab Depressurization Pilot Test, Delphi Automotive Systems Site No. 828064* dated February 29, 2016 (Haley & Aldrich of New York, 2016). The report was revised on February 27, 2017 based on comments received from the NYSDEC on December 15, 2016. The SSD pilot testing activities were conducted to provide operational data for developing the SSD system specifications.

The pilot test activities included data collection to:

- Estimate the radius of influence of the vacuum system under a range of flow rates and associated applied vacuum levels at each test location. To accomplish this goal, sub-slab vacuum measurements were collected from temporary VMPs installed at varying distances from the pilot test suction point.
- Estimate the initial emission rate in pounds per hour of hazardous air pollutants (HAP) from the vacuum system using the vapor discharge rate and the VOC concentrations determined during the pilot test. At each test location, the blower system was operated for approximately 44 to 51 hours.

Process data collected during each pilot test included:

- Real-time ambient air monitoring using a handheld photoionization detector (PID);
- Vacuum measurements at the respective VMPs;
- Blower discharge PID readings;
- Blower system operating data (inlet vacuum, discharge pressure, air flow rate);
- Collection of vapor effluent samples using Tedlar® sampling bags and analyzed for VOCs using USEPA Method 8260C.

The observed vacuum influence of at least 0.002 inches of water column sub-slab pressure differential for each pilot test location was estimated at between 20,000 and 40,000 square feet. Based on the analysis of the effluent samples and the anticipated discharge rate for the suction fans to be installed, the maximum potential to emit HAP was calculated to be approximately 0.65 tons per year.

The installation of the SSD system with six dedicated suction fans was completed in September 2017 and periodic monitoring and reporting is conducted in accordance with the SMP. The as-built drawings for each SSD suction pit location and the layout of the SSD system are provided in Appendix D.

3.1.3 Institutional Controls (Soil and Groundwater)

The remedy for the Site included the development and implementation of ICs in the form of an EE and an NYSDEC-approved SMP to manage impacted soil, soil vapor, and groundwater in a manner that is protective of human health and the environment.

The SMP includes an Excavation Work Plan (EWP) to manage impacted soil and groundwater encountered during excavation activities associated with construction or routine facility maintenance activities conducted within the Site. The SMP was approved by the NYSDEC in September 2022. A copy of the SMP approval letter is provided in Appendix E.

3.1.4 Green Remediation Design

Green remediation design elements as defined by the guidance provided in NYSDEC DER-31 were considered during the implementation of the site remedy.

Specific elements included:

For the groundwater remedy, the installation of VFD pump controls connected to in-well water level monitoring instrumentation to optimize pump operations and minimize the energy required to operate the submersible pumps to control the migration of impacted groundwater.

For the soil vapor mitigation remedy, variable speed suction fans were installed to also minimize the energy required to maintain a negative pressure below the facility floor slab and mitigate the potential of impacted soil vapor intrusion into the facility.

For the LNAPL recovery remedy, the installation of automated LNAPL recovery pumps designed to periodically extract NAPL from the existing (R-309) and installed recovery wells reduced the energy required to extract the LNAPL and optimized the mass removal of Site contaminants present within the LNAPL.

4.0 DESCRIPTION OF REMEDIAL ACTIONS

Remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved *Remedial Work Plan (RWP) for the Delphi Automotive Systems Site No. 828064* (Haley & Aldrich, July 2020). All deviations from the RWP associated with the automated LNAPL recovery systems and monitoring activities are noted in Section 4.11. A description of the remedial activities conducted in accordance with the NYSDEC-approved RWP is provided below.

4.1 AUTOMATED LNAPL RECOVERY

Since 2013, manual LNAPL recovery has been performed from existing monitoring wells SR-503, SR-310, SR-311, SR-312, SR-313, SR-326, and R-309 in Building 1, SR-236 and R-236 located at the former Underground Storage Tank (UST) A area east of Building 1 and SR-102 and SR-318 located to the north of the Building 2 in the Central Waste Treatment Area (CWTA) Courtyard. Based on the manual LNAPL recovery data collected, an additional remedial action was implemented to address the LNAPL observed in the existing monitoring wells to promote removal of the LNAPL in the Buildings 1 and 2 Machining Areas of the Site.

The additional remedial action included the installation of automated LNAPL recovery systems consisting of a pneumatic pump with an in-well, O/W interface sensing probe that self-adjusts to seek the LNAPL and remove it from the well. Three automated LNAPL recovery systems were installed; one proximal to existing monitoring wells SR-236/R-236 in the former UST A area east of Building 1; one proximal to existing monitoring wells R-102/SR-102 in the Building 2 CWTA Courtyard, and one within the existing monitoring well R-309 located within Building 1 (LR-1).

Two LNAPL recovery wells were installed using hollow stem augers to over drill former monitoring well location PZ-120 next to R-236/SR-236 wells in the Building 1 Courtyard (LR-2) and SR-318 located in the Building 2 CWTA Courtyard near the R-102/SR-102 wells (LR-3). The LNAPL recovery wells were constructed using 6-inch diameter stainless-steel casings with a 20-foot-long, flush-thread, stainless steel, wire-wrapped well screen. The well screen for the Building 2 CWTA Courtyard recovery well (LR-3) was centered between the overburden and shallow bedrock units, and the well

screen for the Building 1 Courtyard recovery well was installed across the shallow and intermediate bedrock water units (LR-2) from September 10 through 17, 2018.

Upon completion of the new recovery well installations, LNAPL levels were measured using an O/W interface probe and when the LNAPL thickness reached recoverable amounts (typically greater than 0.1 foot), the automated LNAPL recovery systems were installed to initiate automated operations.

The automated LNAPL recovery pump and control systems and LNAPL accumulation drums were placed in secondary containment structures at each well location. The secondary containment structures for the LR-2 and LR-3 pump systems were equipped with electric heaters in December 2019 to enable cold weather operation.

As-built drawings of the automated LNAPL recovery pump system installed at the locations listed above are provided in Appendix D. The daily field reports (DFRs) documenting the installation of the recovery wells and the automated LNAPL recovery systems are provided in Appendix F.

The recovered LNAPL is periodically transferred to the facility waste storage areas within the recovery drums for off-site disposal in accordance with GMCH Plant waste handling procedures.

Soil and bedrock cuttings from the installation of the recovery wells were disposed of at Waste Management Inc. Millseat Landfill, located in Bergen, New York, and the LNAPL was disposed of at Environmental Quality's (EQ) Detroit, Michigan facility (F001) and EQ Industrial Services and Veolia's ES Technical Services facilities located in Port Arthur, Texas (F001/PCB). Waste manifests and weight tickets produced for disposal of drilling spoils for the recovery well installations, and recovered LNAPL from the operation of the automated LNAPL recovery systems are provided in Appendix G.

4.2 GOVERNING DOCUMENTS

4.2.1 Project-Specific Health & Safety Plan (HASP)

All remedial work performed under this remedial action was in full compliance with governmental requirements, including Site and worker safety requirements mandated by Federal Occupational Safety and Health Administration (OSHA) including the

project-specific HASP provided in the RWP and facility specific employee health and safety training programs.

The project-specific HASP was complied with for all remedial and invasive work performed at the Site.

4.2.2 Quality Assurance Project Plan (QAPP)

Performance monitoring conducted during the implementation of the remedial action associated with the RWP (Haley & Aldrich, 2020) included the collection of indoor air and sub-slab vapor samples from within the manufacturing areas and groundwater samples from the existing monitoring wells.

The QAPP is included as Appendix I of the Site Management Plan approved by the NYSDEC. The QAPP describes the specific policies, objectives, organization, functional activities and quality assurance/ quality control activities designed to achieve the project data quality objectives.

4.2.3 Soil/Materials Management

Sub-surface soil/materials removed during the installation of the sub-slab suction pits and sub-slab vapor sampling points and the soil cuttings derived from the installation of the LNAPL remedy were placed in containers provided by the facility environmental engineering staff. The soil/materials were characterized in accordance with the facility waste management procedures and disposed of off-site at a permitted waste management facility.

Prior to disposal, representative samples were collected from the soil/materials and submitted for analysis at an NYSDOH ELAP certified laboratory to support waste handling and disposal completed by the Plant staff.

4.2.4 Community Air Monitoring Plan (CAMP)

Ambient air monitoring for VOCs using handheld PID systems was performed at the perimeter of the exclusion zone or work area during ground intrusive activities such as the installation of the sub-slab suction pits and sub-grade conveyance piping, and the installation of the LNAPL recovery wells. All work was conducted within secured areas of the Site, including interior manufacturing spaces. Air monitoring was conducted for worker health and safety and employee protection and, due to the location of the work, downwind fenceline

monitoring was not performed.

4.2.5 Contractors Scopes of Work

Remedial designs and contractor Scope of Work documents were prepared by the Remediation Engineer (Haley & Aldrich) to implement the remedial program elements required in the RWP. The Remediation Engineer reviewed subcontractor submittals prior to executing the work to confirm compliance with the RWP.

4.2.6 Citizens Participation Plan

A Citizens Participation Plan (CPP) dated February 2015 was prepared for the Site and approved by the Department in October 2017 (Haley & Aldrich, 2017) and incorporated into the Order on Consent executed in September 2020. The CPP is intended to seek community cooperation, minimize disruption of nearby neighborhood activities, and facilitate a safe and secure work site.

4.3 REMEDIAL PROGRAM ELEMENTS

4.3.1 Contractors and Consultants

The remedy action was completed by the following contractors:

- Matrix Environmental Technologies, Inc. – Contractor for installation of:
  - GRTS IRM building construction and installation of the system components.
  - SSD System IRM and associated sub-grade piping and suction pits, and suction fans.
  - LR-1, LR-2, and LR-3 LNAPL remedy recovery system pumps, control panels, and associated equipment.
- Boart-Longyear, Inc. – Contractor for drilling of GR-3 and GR-4 associated with the enhanced Groundwater Migration Control system.
- Earth Dimensions, Inc. – Contractor for drilling of LR-2 and LR-3 for the automated LNAPL recovery systems.
- Connor-Haas Electrical Contractors – Contractor for installation of:
  - Electrical component installation of GRTS and SSD Systems,
  - Electrical work associated with the automated LNAPL recovery systems.

4.3.2 Site Preparation

Documentation of agency approvals required by the RWP is included in Appendix E. Other non-agency permits, including the current facility Monroe County Sewer Use Permit relating to the remediation project, are provided in Appendix E.

4.3.3 General Site Controls

The remedy was implemented within secure areas at the GMCH Rochester Operations facility. All personnel involved in the project received Site-specific safety training and were required to sign in and out of the facility with Plant Security on a daily basis when completing activities associated with the remedy implementation.

Prior to the start of each day of work activities at the Site, a safety tailgate meeting was conducted by Haley & Aldrich oversight personnel with contractor personnel. For jobsite record keeping purposes, all completed field activities were documented in field forms and are summarized in the DFRs.

Residual drilling and decontamination liquids associated with the LNAPL recovery well installation were staged in Plant-provided 55-gallon drums and transported by GMCH personnel to the facility Eastside Water Treatment Area (EWTA) for processing and discharge through the Plant industrial sewer system. The soil and solid waste were placed directly into roll-offs managed by GMCH and disposed of at Waste Management Inc.'s Mill Seat Landfill facility located in Bergen, New York. No excavated materials were stockpiled during implementation of the remedy.

Haley & Aldrich conducted soil and rock core screening with a PID during the execution of the remedy. Observed screening results are summarized in the DFRs. In addition, there were no elevated readings observed in the work area breathing space or workspace perimeter above action levels as defined in the project-specific HASP.

Concrete debris generated during the installation of the suction pits for the SSD system IRM installations in Building 1 were transported by GMCH personnel to satellite collection areas. The soil and solid waste were managed by GMCH and disposed of at Waste Management Inc.'s Mill Seat Landfill facility located in Bergen, New York. Groundwater was not generated during the installation of the SSD system.

During remedy implementation, Haley & Aldrich oversight personnel documented the project activities which included a summary of the work tasks completed, monitoring results of environmental conditions in the work area that were collected during the work, and any noted deviations from the project scope of work or remedial design documents being implemented by the contractors. DFRs completed during the implementation of the remedy are provided in Appendix F.

4.3.4 Ambient Air Monitoring

The monitoring of ambient air conditions during the performance of the remedial program activities, including the installation of the automated LNAPL recovery and SSD systems, was performed by Haley & Aldrich personnel. No exceedances of the action levels were noted during implementation of the remedy. The results of the PID field screening data are provided in the DFRs in Appendix F.

4.3.5 Reporting

All daily field reports are included in electronic format in Appendix F. Progress Reports summarizing the work tasks completed at the Site were prepared and submitted to the NYSDEC on or about the 10th day of the month. Progress reports completed during the implementation of the remedy are provided in Appendix I.

4.4 CONTAMINATED MATERIALS REMOVAL

4.4.1 Overburden Soil and Bedrock Cuttings

Impacted materials removed from the Site during the implementation of the remedy included the overburden soils and bedrock cuttings recovered from the installation of the LNAPL recovery wells, LR-2 and LR-3.

All waste materials generated during the installation of LNAPL recovery wells were placed in a roll-off container provided by the facility. The materials were managed by the facility staff and disposed off-site at Waste Management Inc.'s Mill Seat Landfill facility in Bergen, New York.

4.4.2 Disposal Details

Table 1 shows the total quantities of each category of material removed from the Site and the disposal locations. LNAPL recovered from the automated pump systems and manual

recovery efforts have been disposed off-site at EQ Detroit Inc.'s facility located at 1923 Frederick Street, Detroit, Michigan, and Veolia ES Technical Services' facility (formerly EQ Industrial Services) located at Highway 73, Port Arthur, Texas (PCB Waste). Manifests and bills of lading are included in electronic format in Appendix G.

4.5 REMEDIAL PERFORMANCE

4.5.1 LNAPL Recovery

Following the installation of the automated LNAPL recovery systems, the LNAPL recovery systems operations have been monitored on a routine basis by measuring the level of LNAPL present in each recovery well collection drum. Approximately 560 gallons of LNAPL have been recovered by the automated LNAPL recovery systems and collected in 55-gallon drums that are managed by GMCH plant staff.

As part of the remedy, LNAPL is also recovered from existing groundwater monitoring wells during periodic manual recovery events using disposable bailers or a portable Spill Buddy system. Recovered LNAPL is placed in 55-gallon drums and managed by GMCH plant staff. Waste generated for off-site disposal included 2.2 tons of manifested hazardous waste comprised of bag filters, sludge from the cleaning of the O/W separators in the AWTA and EWTA operations, and 3.35 tons LNAPL recovered from the manual and automated recovery efforts as part of the remedy.

Table 2 provides a summary of the amount of LNAPL recovered from manual and automated recovery methods from January 2020 through June 2025, and Table 1 provides a summary of the off-site hazardous waste disposal associated with the manual and automated LNAPL recovery systems and operation of the AWTA and EWTA.

4.5.2 Soil Vapor Mitigation

Prior to and after the installation of the SSD systems in Building 1, indoor air (IA) and sub-slab vapor (SV) samples were collected in accordance with the Indoor Air Quality (IAQ) Monitoring Plan provided as Appendix B in the RWP. The IAQ Monitoring Plan included the procedures for the collection and laboratory analysis of sub-slab soil vapor and IAQ samples. To evaluate the background ambient air (AA) quality at the time of the sampling event, an additional outdoor AA sample was collected at an up-wind location outside the facility concurrently with the IA and SV samples. Each IA, SV, and outdoor AA

sample was collected using a pre-cleaned 6-liter passivated Summa® canister equipped with a pre-calibrated flow controller to enable sample collection over a period of approximately eight hours.

Each Summa® canister was also equipped with a pre-calibrated vacuum gauge which was monitored throughout the sample collection period, and sampling was terminated after eight hours or when the vacuum in the canister fell below 5.0 inches of mercury. At the end of the sampling period, each canister was labelled and placed in a shipping container and sent under an executed chain of custody to a NYSDOH accredited environmental laboratory for the analysis of VOCs in accordance with USEPA Method TO-15. The reported results of the laboratory analysis with comparison to the current Air Quality Guideline Values published by the NYSDOH are presented in Table 3. The final laboratory reports for the pre- and post-remedy sampling events are provided in Appendix H.

The operation of the SSD systems installed in Building 1 has been monitored in accordance with Operations, Maintenance, and Monitoring (OM&M) Plan provided in the SMP. Figure 5 presents a layout of the SSD system in Building 1, Table 4 presents a summary of the observed vacuum readings collected from the suction pits during operation of the Building 1 SSD system, and Table 5 presents the range of manometer readings for the sub-slab VMPs collected as part of the OM&M activities since the start-up of the SSD systems. Figure 6 presents an example of the sub-slab vacuum measurements collected during system operation. The locations where indoor air and sub-slab vapor samples have been collected to evaluate the system effectiveness are provided in the IAQ Monitoring Plan in Appendix B of the approved RWP.

4.5.3 Groundwater Migration Control

Periodic groundwater quality monitoring has been conducted at the Site. The results of the groundwater sampling are provided in Table 6. The results of the groundwater monitoring program support the following conclusions:

- The concentrations of the TCE breakdown products, cis-1,2-DCE and VC, which increase across the Site from the release areas to the downgradient monitoring well locations, indicate that the intrinsic biological and geochemical conditions at the Site promote reductive dechlorination processes.

- Monitoring wells located at the downgradient property boundary do not exhibit concentrations of the Site COCs above the NYSDEC Standards, Criteria and Guidance suggesting that the current natural attenuation processes and on-going operation of groundwater collection systems are effectively restricting the off-Site migration of impacted groundwater.

Data Usability Summary Reports (DUSRs) were prepared for all data generated in this remedial performance evaluation program. These DUSRs are included in Appendix J, and associated laboratory data is provided electronically in Appendix H.

4.6 IMPORTED BACKFILL

Imported backfill was not used during the implementation of the remedy.

4.7 CONTAMINATION REMAINING AT THE SITE

Table 7 and Figure 7 summarize the results of all soil samples remaining at the Site after completion of Remedial Action that exceed the Track 1 (unrestricted) SCOs.

Since contaminated soil, groundwater, and soil vapor remain beneath the Site after completion of Remedial Action, ECs and ICs are required to protect human health and the environment. These ECs and ICs are described in the following sections. Long-term management of these EC and ICs and residual contamination will be performed under the SMP approved by the NYSDEC.

4.8 SOIL COVER SYSTEM

Exposure to remaining contamination in soil/fill at the Site is prevented by a soil cover system. This cover system is comprised of a minimum of 12 inches of clean soil, asphalt pavement, concrete-covered sidewalks, and concrete building slabs. Figure 8 presents the soil cover types at the Site.

Prior to completion of the submission of the SMP, surface soil samples were collected from areas without impervious surfaces (e.g., asphalt, concrete) across the Site in accordance with the *Surface Soil Cover Confirmation Sampling and Analysis Plan (Haley & Aldrich, 2022b)* approved by the NYSDEC with modifications on March 22, 2022. The results of the soil cover confirmation sampling program were documented in the report

entitled *Surface Soil Cover Sampling Program Results*, (Haley & Aldrich, 2022a) dated July 11, 2022. A copy of this report is provided in Appendix K.

An Excavation Work Plan, which outlines the procedures required in the event the cover system and/or underlying residual contamination are disturbed is provided in Appendix A of the SMP.

Procedures for the future monitoring and maintenance of the Cover System are provided in the OM&M Plan in the SMP. This plan also addresses inspection procedures to document the integrity of the on-Site ECs.

4.9 OTHER ENGINEERING CONTROLS

Since remaining contaminated soil, groundwater, and soil vapor exist beneath the Site, Engineering Controls (EC) are required to protect human health and the environment. The Site has the following primary Engineering Controls, as described in the following subsections.

4.9.1 SSD System

Procedures for monitoring, operating and maintaining the SSD system are provided in the Operation and Maintenance Plan in Section 4 of the Site Management Plan (SMP). The Monitoring Plan also addresses inspection procedures that must occur after any severe weather condition has taken place that may affect on-site ECs.

4.9.2 Groundwater Migration Control Systems

Procedures for monitoring, operating and maintaining the groundwater migration control systems are provided in the Operation Monitoring and Maintenance (OM&M) Plan in Section 4 of the Site Management Plan (SMP). The Monitoring Plan also addresses inspection procedures that must occur after any severe weather condition has taken place that may affect on-site ECs.

4.10 INSTITUTIONAL CONTROLS

The Site remedy requires that an environmental easement be placed on the property to (1) implement, maintain, and monitor the Engineering Controls; (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface

contamination; and (3) limit the use and development of the site to commercial and industrial uses only.

The environmental easement for the site was executed by the Department on September 8, 2022 and filed with the Monroe County Clerk on September 26, 2022. The County Recording Identifier number for this filing is 202209260913 with reference number TT0000003956. A copy of the easement and proof of filing is provided in Appendix C.

4.11 DEVIATIONS FROM THE REMEDIAL WORK PLAN

Deviations from the procedures and activities presented in the approved RWP included the following items:

- Since the sub-slab sampling points in Building 1 used in the pre-installation sub-slab sampling event conducted in 2014 had been repurposed as sub-slab VMPs during construction of the SSD system, the post-installation sub-slab samples were collected from these locations by connecting the sample tubing directly to the VMP. This modification was implemented so that the post-installation sub-slab soil vapor sample results could be compared to the pre-installation sample results and to minimize disruption to facility operations from the drilling of additional holes through the facility floor slab.
- A sub-slab vapor sample could not be obtained at the CC-60 sample location due to the thickness of the floor slab. The thickness of the concrete foundation in this area which is used as a staging area and loading dock for finished products was greater than the drilling equipment (24 inches). An indoor air sample was collected at this location.

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REFERENCES - PREVIOUS SUBMISSIONS/AGREEMENTS

1. Haley & Aldrich of New York, 2005. Remedial Investigation (RI) Report, Delphi Automotive Systems (Rochester Operations Facility) NYSDEC Registry Site No. 828064. November.

2. Haley & Aldrich of New York, 2008. Feasibility Study Report, Delphi Automotive Systems Site, 1000 Lexington Avenue, Rochester, New York, Registry Site No. 8-28-064. July.

3. Haley & Aldrich of New York, 2012. Groundwater Recovery Wells Installation Report, Delphi Automotive Systems Site No. 828064. March.

4. Haley & Aldrich of New York, 2013. Groundwater Recovery and Treatment System (GRTS) Design Drawings, Delphi Automotive Systems Site No. 828064. July.

5. Haley & Aldrich of New York, 2014. Soil Vapor Intrusion Investigation Results – May 2014, Delphi Automotive Systems Site No. 828064. October.

6. Haley & Aldrich of New York, 2016. Sub-Slab Depressurization Pilot Test Report, Delphi Automotive Systems Site No. 828064. February.

7. Haley & Alrich of New York, 2017. Citizens Participation Plan, Delphi Automotive Systems Site No. 828064. October.

8. Haley & Aldrich of New York, 2020. Revised Remedial Work Plan, Delphi Automotive Systems NYSDEC Site No. 828064. July.

9. Haley & Aldrich of New York, 2022a. Surface Soil Cover Confirmation Sampling and Analysis Plan, Delphi Automotive Systems Site No. 828064. March.

10. Haley & Aldrich of New York, 2022b. Surface Soil Cover Sampling Results, Delphi Automotive Systems NYSDEC Site No. 828064. July.

11. Haley & Aldrich of New York, 2022c. Environmental Easement, Delphi Automotive Systems NYSDEC Site No. 828064. September.

12. Haley & Aldrich of New York, 2022d. Site Management Plan, Delphi Automotive Systems NYSDEC Site No. 828064. September.

13. New York State Department of Conservation, 2011. Record of Decision, Delphi Automotive Systems Site No. 828064. March.

TABLES

Final Engineering Report

NYSDEC Site 828064

TABLE 1

SUMMARY OF REMEDIATION WASTE DISPOSAL

DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064

REMEDIAL ACTIVITIES - MAY 2019 THROUGH JUNE 2021

ROCHESTER, NEW YORK

Date	Waste Description	Weight (lb)	Waste Facility	Type	Hazardous Waste Code(s)
Dec-18	Soil Cuttings	6500	Mill Seat Landfill (NY)	Non-hazardous	NA
May-19	LNAPL	1150	EQ Detroit (MI)	Hazardous	F001 D043 B
	Filters	275	EQ Detroit (MI)	Hazardous	F001 B
	O/W Sludge	1270	EQ Detroit (MI)	Hazardous	F001 B
Nov-19	LNAPL	350	EQ Detroit (MI)	Hazardous	F001 D043 B
May-20	LNAPL	1265	EQ Detroit (MI)	Hazardous	F001 D043 B
	LNAPL	710	EQ Detroit (MI)	Hazardous	F001 D043 B
	Filters	300	EQ Detroit (MI)	Hazardous	F001 B
May-20	Filters	260	EQ Industrial Services (TX)	Hazardous	F001 B007 PCB
	LNAPL	240	EQ Industrial Services (TX)	Hazardous	F001 D043 B002
Nov-20	LNAPL	1575	EQ Detroit (MI)	Hazardous	F001 D043 B
	O/W Sludge	420	EQ Detroit (MI)	Hazardous	F001 B
	Filters	285	EQ Detroit (MI)	Hazardous	F001 B
Mar-21	LNAPL	1320	EQ Detroit (MI)	Hazardous	F001 D043 B
	O/W Sludge	220	EQ Detroit (MI)	Hazardous	F001 B
	Filters	405	Veolia ES Technical Services (TX)	Hazardous	F001 B007 PCB2
	O/W Sludge	964	Veolia ES Technical Services (TX)	Hazardous	F001 B007 PCB2
	LNAPL	99	Veolia ES Technical Services (TX)	Hazardous	F001 D043 B002

Notes:

1. LNAPL - Light Non-aqueous Phase Liquid
2. O/W - Oil / water separator
3. PCB - Polychlorinated Biphenyl compounds
4. (lb) - Pound

TABLE 2

AUTOMATED AND MANUAL LNAPL RECOVERY VOLUMES

DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064

JANUARY 2020 THROUGH JANUARY 2022

ROCHESTER, NEW YORK

Well ID	Date	Depth to Product (DTP) (ft)	Depth to Water (DTW) (ft)	NAPL Thickness (ft)	Product Recovered (gal)	Total LNAPL Recovered (gal)
SR-309	1/16/2020	9.3	14.55	5.25	0.25	
SR-310	1/16/2020	9.75	19.04	9.29	4	
SR-312	1/16/2020	13.37	20.01	6.64	2	
SR-313	1/16/2020	15.66	19.8	4.14	1.25	
SR-326	1/16/2020	18.99	19.5	0.51	0.1	
SR-503	1/16/2020	9.67	14.24	4.57	0.75	
R-235	1/16/2020	-	-	-	-	
R-236	1/16/2020	23.85	24.58	0.73	0.5	8.85
LR-1			-	-	8.25	
LR-2	12/30/2019-1/28/2020		-	-	2.8	
LR-3		16.12	19.5	3.38	-	11.05
					Total:	**19.9**

Well ID	Date	Depth to Product (DTP) (ft)	Depth to Water (DTW) (ft)	NAPL Thickness (ft)	Product Recovered (gal)	Total LNAPL Recovered (gal)
SR-309	2/21/2020	9.99	15.67	5.68	0.75	
SR-310	2/21/2020	10.08	19.28	9.2	2.5	
SR-312	2/21/2020	13.33	19.98	6.65	1.25	
SR-313	2/21/2020	15.98	19.82	3.84	1	
SR-326	2/21/2020	19	19.86	0.86	0.1	
SR-503	2/21/2020	9.65	14.46	4.81	1.5	
R-235	2/21/2020	29.65	29.99	0.34	-	
R-236	2/21/2020	23.85	27.83	3.98	1.25	
SR-102	2/21/2020	19.03	20.02	0.99	0.1	8.45
LR-1			-	-	7.25	
LR-2	1/29-2/21/2020		-	-	2.3	
LR-3		15.56	18.27	2.71	2	11.55
					Total:	**20**

Well ID	Date	Depth to Product (DTP) (ft)	Depth to Water (DTW) (ft)	NAPL Thickness (ft)	Product Recovered (gal)	Total LNAPL Recovered (gal)
SR-309	3/11/2020	9.49	13.9	4.41	1	
SR-310	3/11/2020	9.59	19.05	9.46	2	
SR-312	3/11/2020	13.28	19.98	6.7	1.5	
SR-313	3/11/2020	16.37	18.9	2.53	0.5	
SR-326	3/11/2020	18.91	19.01	0.1	0.1	
SR-503	3/11/2020	9.79	13.9	4.11	1	
R-235	3/11/2020	29.15	30.3	1.15	-	
R-236	3/11/2020	23.48	24.75	1.27	0.75	
SR-102	3/11/2020	18.97	19.4	0.43	0.1	6.95
LR-1			-	-	16.6	
LR-2	2/22-3/11/2020		-	-	9.4	
LR-3		15.56	17.01	1.45	-	26
					Total:	**32.95**

TABLE 2

AUTOMATED AND MANUAL LNAPL RECOVERY VOLUMES

DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064

JANUARY 2020 THROUGH JANUARY 2022

ROCHESTER, NEW YORK

Well ID	Date	Depth to Product (DTP) (ft)	Depth to Water (DTW) (ft)	NAPL Thickness (ft)	Product Recovered (gal)	Total LNAPL Recovered (gal)
SR-309	7/2/2020	9.54	14.7	5.16	1	
SR-310	7/2/2020	9.58	19.2	9.62	2	
SR-312	7/2/2020	12.81	20.2	7.39	1.75	
SR-313	7/2/2020	14.85	19.68	4.83	0.8	
SR-326	7/2/2020	18.5	19.2	0.7	0.25	
SR-503	7/2/2020	9.52	14.5	4.98	1	
R-235	7/2/2020	-	-	-	-	
R-236	7/2/2020	23.9	28.35	4.45	3	9.8
LR-1			-	-	14.4	
LR-2	3/11-7/1/2020		-	-	4.4	
LR-3		System Installed 6/2020			4	22.8
					Total:	**32.6**

Well ID	Date	Depth to Product (DTP) (ft)	Depth to Water (DTW) (ft)	NAPL Thickness (ft)	Product Recovered (gal)	Total LNAPL Recovered (gal)
SR-309	7/31/2020	9.49	13.37	3.88	1	
SR-310	7/31/2020	8.21	19.02	10.81	2	
SR-312	7/31/2020	12.63	19.91	7.28	1.75	
SR-313	7/31/2020	14.36	18.23	3.87	0.75	
SR-326	7/31/2020	19.06	20.45	1.39	0.25	
SR-503	7/31/2020	9.37	13.92	4.55	1	
R-235	7/31/2020	30.13	30.95	0.82	1	
R-236	7/31/2020	24.22	24.88	0.66	0.25	
SR-102	7/31/2020	19.74	20.25	0.51	0.4	8.4
LR-1			-	-	20.5	
LR-2	7/1-31/2020		-	-	11	
LR-3			-	-	0.3	31.8
					Total:	**40.2**

Well ID	Date	Depth to Product (DTP) (ft)	Depth to Water (DTW) (ft)	NAPL Thickness (ft)	Product Recovered (gal)	Total LNAPL Recovered (gal)
SR-309	11/4/2020	9.88	14.74	4.86	1	
SR-310	11/4/2020	9.79	19.27	9.48	2	
SR-312	11/4/2020	13.09	20.03	6.94	1.75	
SR-313	11/4/2020	14.6	19.84	5.24	0.75	
SR-326	11/4/2020	19.3	21.51	2.21	0.25	
SR-503	11/4/2020	9.49	14.31	4.82	1	
R-235	11/4/2020	30.25	30.35	0.1	0	
R-236	11/4/2020	24.35	27.15	2.8	1.75	
SR-102	11/4/2020	20.09	21.3	1.21	0.25	8.75
LR-1			-	-	35.7	
LR-2	8/1-11/4/2020		-	-	8.2	
LR-3			-	-	1.8	45.7
					Total:	**54.45**

TABLE 2

AUTOMATED AND MANUAL LNAPL RECOVERY VOLUMES

DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064

JANUARY 2020 THROUGH JANUARY 2022

ROCHESTER, NEW YORK

Well ID	Date	Depth to Product (DTP) (ft)	Depth to Water (DTW) (ft)	NAPL Thickness (ft)	Product Recovered (gal)	Total LNAPL Recovered (gal)
SR-309	12/4/2020	9.53	14.45	4.92	1	
SR-310	12/4/2020	10	19.08	9.08	2.2	
SR-312	12/4/2020	13.22	20.28	7.06	1.75	
SR-313	12/4/2020	14.85	19.84	4.99	1.5	
SR-326	12/4/2020	18.69	18.69	0		
SR-503	12/4/2020	9.56	13.66	4.1	1	
R-235	12/4/2020	30.24	30.68	0.44	-	
R-236	12/4/2020	24.35	25.87	1.52	0.9	
SR-102	12/4/2020	19.61	20.02	0.41	-	8.35
LR-1			-	-	15.4	
LR-2	11/5-12/4/2020		-	-	1.4	
LR-3			-	-	0.4	17.2
					Total:	**25.55**

Well ID	Date	Depth to Product (DTP) (ft)	Depth to Water (DTW) (ft)	NAPL Thickness (ft)	Product Recovered (gal)	Total LNAPL Recovered (gal)
SR-309	1/12/2021	9.43	14.7	5.27	1	
SR-310	1/12/2021	9.15	19.72	10.57	2	
SR-312	1/12/2021	13.1	20.85	7.75	1.5	
SR-313	1/12/2021	14.92	19.37	4.45	0.75	
SR-326	1/12/2021	18.69	19.94	1.25	0.25	
SR-503	1/12/2021	9.29	13.89	4.6	1	
R-235	1/12/2021	30.27	30.65	0.38	0.25	
R-236	1/12/2021	24.62	25.83	1.21	0.75	
SR-102	1/12/2021	19.89	19.98	0.09	-	7.5
LR-1			-	-	6.9	
LR-2	12/4/2020-1/12/2021		-	-	8.75	
LR-3			-	-	0.5	16.15
					Total:	**23.65**

Well ID	Date	Depth to Product (DTP) (ft)	Depth to Water (DTW) (ft)	NAPL Thickness (ft)	Product Recovered (gal)	Total LNAPL Recovered (gal)
SR-309	2/2/2021	9.02	14.75	5.73	0.9	
SR-310	2/2/2021	9.67	19.21	9.54	2.3	
SR-312	2/2/2021	13.12	20.15	7.03	2	
SR-313	2/2/2021	16.45	19.6	3.15	0.75	
SR-326	2/2/2021	18.75	19.55	0.8	0.25	
SR-503	2/2/2021	10.02	13.6	3.58	1	
R-236	2/2/2021	24.34	25.47	1.13	1	
SR-102	2/2/2021	19.6	20.03	0.43	0	8.2
LR-1			-	-	3	
LR-2	1/12-2/2/2021		-	-	1.8	
LR-3			-	-	1	5.8
					Total:	**14**

TABLE 2

AUTOMATED AND MANUAL LNAPL RECOVERY VOLUMES

DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064

JANUARY 2020 THROUGH JANUARY 2022

ROCHESTER, NEW YORK

Well ID	Date	Depth to Product (DTP) (ft)	Depth to Water (DTW) (ft)	NAPL Thickness (ft)	Product Recovered (gal)	Total LNAPL Recovered (gal)
SR-309	3/9/2021	9.08	14.43	5.35	1	
SR-310	3/9/2021	9.5	18.81	9.31	2.1	
SR-312	3/9/2021	14.21	20.06	5.85	1.5	
SR-313	3/9/2021	16.21	19.81	3.6	0.6	
SR-326	3/9/2021	18.48	22	3.52	0.8	
SR-503	3/9/2021	9.76	13.52	3.76	0.5	
R-236	3/9/2021	24.01	25.51	1.5	1.2	
SR-102	3/9/2021	19	19.3	0.3	0	7.7
LR-1			-	-	12.9	
LR-2	2/2-3/9/2021		-	-	1.2	
LR-3			-	-	0	14.1
					Total:	**21.8**

Well ID	Date	Depth to Product (DTP) (ft)	Depth to Water (DTW) (ft)	NAPL Thickness (ft)	Product Recovered (gal)	Total LNAPL Recovered (gal)
SR-309	4/27/2021	9.32	14.64	5.32	1	
SR-310	4/27/2021	9.6	19.2	9.6	2.1	
SR-312	4/27/2021	13.1	19.96	6.86	1.7	
SR-313	4/27/2021	15.39	19.88	4.49	1.4	
SR-326	4/27/2021	18.15	21.95	3.8	0.4	
SR-503	4/27/2021	9.47	13.66	4.19	0.9	
R-235	4/27/2021	29.22	30.24	1.02	0.5	
R-236	4/27/2021	23.18	25.12	1.94	1.75	
SR-102	4/27/2021	18.87	19.48	0.61	0.2	9.95
LR-1			-	-	56.75	
LR-2	3/9-4/27/2021		-	-	0	
LR-3			-	-	0	56.75
					Total:	**66.7**

Well ID	Date	Depth to Product (DTP) (ft)	Depth to Water (DTW) (ft)	NAPL Thickness (ft)	Product Recovered (gal)	Total LNAPL Recovered (gal)
SR-309	6/7/2021	8.72	14.83	6.11	1	
SR-310	6/7/2021	9.2	14.51	5.31	2.25	
SR-312	6/7/2021	12.96	19.97	7.01	1.75	
SR-313	6/7/2021	15.74	19.35	3.61	1	
SR-326	6/7/2021	18.56	20.34	1.78	0.6	
SR-503	6/7/2021	9.6	13.57	3.97	0.8	
R-235	6/7/2021	30.25	31.07	0.82	0.1	
R-236	6/7/2021	24.15	25.05	0.9	1.5	
SR-102	6/7/2021	19.23	19.65	0.42	1	10
LR-1			-	-	30.4	
LR-2	4/27-6/17/2021		-	-	5.9	
LR-3	6/7/2021	System Turned Off			0	36.3
					Total:	**46.3**

TABLE 2

AUTOMATED AND MANUAL LNAPL RECOVERY VOLUMES

DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064

JANUARY 2020 THROUGH JANUARY 2022

ROCHESTER, NEW YORK

Well ID	Date	Depth to Product (DTP) (ft)	Depth to Water (DTW) (ft)	NAPL Thickness (ft)	Product Recovered (gal)	Total LNAPL Recovered (gal)
SR-309	7/1/2021	9.34	14.27	4.93	1.00	
SR-310	7/1/2021	8.95	19.08	10.13	2.20	
SR-312	7/1/2021	12.72	20.22	7.50	2.00	
SR-313	7/1/2021	15.29	18.48	3.19	0.50	
SR-326	7/1/2021	18.88	20.58	1.70	0.50	
SR-503	7/1/2021	9.59	14.10	4.51	0.75	
R-235	7/1/2021	30.47	30.88	0.41	0.13	
R-236	7/1/2021	24.39	25.55	1.16	1.00	
SR-102	7/1/2021	-	-	-	-	8.08
LR-1			-	-	8.6	
LR-2	6/17-7/1/2021		-	-	0	
LR-3	7/1/2021	-	-	-	0	8.6
					Total:	**16.68**

Well ID	Date	Depth to Product (DTP) (ft)	Depth to Water (DTW) (ft)	NAPL Thickness (ft)	Product Recovered (gal)	Total LNAPL Recovered (gal)
SR-309	7/29/2021	8.53	14.69	6.16	1	
SR-310	7/29/2021	8.59	19.4	10.81	2	
SR-312	7/29/2021	12.5	20.05	7.55	1.6	
SR-313	7/29/2021	14.8	17.5	2.7	0.5	
SR-326	7/29/2021	18	19.45	1.45	0.25	
SR-503	7/29/2021	9.4	13.45	4.05	1	
R-235	7/29/2021	29.64	30.9	1.26	0.5	
R-236	7/29/2021	23.64	23.7	0.06	1.1	7.95
LR-1			-	-	17.53	
LR-2	7/1-7/29/2021		-	-	4.75	
LR-3	7/29/2021	-	-	-	-	22.28
					Total:	**30.23**

Well ID	Date	Depth to Product (DTP) (ft)	Depth to Water (DTW) (ft)	NAPL Thickness (ft)	Product Recovered (gal)	Total LNAPL Recovered (gal)
SR-309	8/19/2021	8.7	14.56	5.86	1.1	
SR-310	8/19/2021	8.62	19.27	10.65	2.2	
SR-312	8/19/2021	12.58	19.95	7.37	1.7	
SR-313	8/19/2021	15.11	18.12	3.01	0.5	
SR-326	8/19/2021	18.41	19.88	1.47	0.5	
SR-503	8/19/2021	9.48	12.92	3.44	0.8	
R-235	8/19/2021	29.9	30.92	1.02	0.4	
R-236	8/19/2021	23.85	25.17	1.32	1	
SR-102	8/19/2021	19.01	19.88	0.87	0.1	8.3
LR-1			-	-	13.75	
LR-2	7/29-8/19/2021		-	-	0.15	
LR-3	8/19/2021	-	-	-	0	13.9
					Total:	**22.2**

TABLE 2
AUTOMATED AND MANUAL LNAPL RECOVERY VOLUMES
DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064
JANUARY 2020 THROUGH JANUARY 2022
ROCHESTER, NEW YORK

Well ID	Date	Depth to Product (DTP) (ft)	Depth to Water (DTW) (ft)	NAPL Thickness (ft)	Product Recovered (gal)	Total LNAPL Recovered (gal)
SR-309	10/28/2021	9.08	14.54	5.46	1	
SR-310	10/28/2021	8.96	19.06	10.1	2.5	
SR-312	10/28/2021	12.8	19.96	7.16	1.5	
SR-313	10/28/2021	15.16	19.34	4.18	1.5	
SR-326	10/28/2021	18.34	21.34	3	0.5	
SR-503	10/28/2021	9.28	13.34	4.06	0.9	
R-235	10/28/2021	29.18	30.53	1.35	0.25	
R-236	10/28/2021	23.36	26.45	3.09	2	
SR-102	10/28/2021	18.67	19.52	0.85	0.1	10.25
LR-1			-	-	34.2	
LR-2	8/19-10/28/2021		-	-	0	
LR-3		-	-	-	2.2	36.4
					Total:	**46.65**

Well ID	Date	Depth to Product (DTP) (ft)	Depth to Water (DTW) (ft)	NAPL Thickness (ft)	Product Recovered (gal)	Total LNAPL Recovered (gal)
SR-309	12/1/2021	9.09	14.75	5.66	0.75	
SR-310	12/1/2021	8.81	19.1	10.29	3	
SR-312	12/1/2021	13.05	20.1	7.05	1.25	
SR-313	12/1/2021	15.51	19.22	3.71	1	
SR-326	12/1/2021	18.67	20.1	1.43	0.1	
SR-503	12/1/2021	9.49	13.39	3.9	0.75	
R-235	12/1/2021	29.55	31.1	1.55	0.25	
R-236	12/1/2021	24.29	25.36	1.07	1	8.1
LR-1			-	-	18.5	
LR-2	10/28-12/1/2021		-	-	7.9	
LR-3		-	-	-	0	26.4
					Total:	**34.5**

Well ID	Date	Depth to Product (DTP) (ft)	Depth to Water (DTW) (ft)	NAPL Thickness (ft)	Product Recovered (gal)	Total LNAPL Recovered (gal)
SR-309	12/20/2021	8.87	14.72	5.85	1	
SR-310	12/20/2021	9.09	19.15	10.06	2.25	
SR-312	12/20/2021	13.18	19.95	6.77	1.4	
SR-313	12/20/2021	16.11	18.9	2.79	1	
SR-326	12/20/2021	18.63	19.68	1.05	0.25	
SR-503	12/20/2021	9.8	13.15	3.35	0.8	
R-235	12/20/2021			0	-	
R-236	12/20/2021	23.58	24.6	1.02	1	
SR-102	12/20/2021	19.43	20.11	0.68	-	7.7
LR-1			-	-	19.55	
LR-2	12/1-12/20/2021		-	-	4	
LR-3			-	-	1.5	25.05
					Total:	**32.75**

TABLE 3
INDOOR AIR AND SUB-SLAB VAPOR SAMPLE RESULTS
DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064
ROCHESTER, NEW YORK

Soil Vapor Intrusion Sampling Results - Pre and Post Remedy Implementation

			Building 1																				Ambient Outdoor Air		
Sample Location			**G-29 IA**		**G29-SS**		**L-39 IA**		**L-39 SS**		**W-25 IA**		**W-25 SS**		**P-9 IA**		**P-9 SS**		**E-19 IA**		**E-19 SS**		**YF 25 IA**	**YF-25 SS**	**AA1-21621**	**AA2-21721**	**AA3-21821**
Location Description			**Active Manufacturing Area**				**Inactive Equipment Storage Area**				**Adjacent to Pedestrian Walkway**				**Active Equipment Storage Area**				**Active Manufacturing Area**				**Office Area**		**Upwind Outdoor Location**		
	NYSDOH Indoor Air Guideline Value	**Reporting Limit**	**2014**	**2021**	**2014**	**2021**	**2014**	**2021**	**2014**	**2021**	**2014**	**2021**	**2014**	**2021**	**2014**	**2021**	**2014**	**2021**	**2014**	**2021**	**2014**	**2021**	**2021**	**2021**	**2021**	**2021**	**2021**
Parameter		**(ug/M3)**	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Post	Post	Post	Post	Post
Methylene Chloride	NV	1.7	1.5 U	1.7 U	1.5 U	1.7 U	1.5 U	**1.0 J**	58 U	1.7 U	1.5 U	**1.2 J**	150 U	**4.1**	1.5 U	**1.5 J**	**63**	**3.8**	1.5 U	1.7 U	44000 U	1.7 U	1.7 U	**19**	1.7 U	**1.6 J**	1.7 U
1,1,1 Trichloroethane	NV	1.1	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	36 U	**1.9**	1.1 U	ND	91 U	**4.3**	1.1 U	ND	14 U	**0.5 J**	1.1 U	1.1 U	27000 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,1 Dichloroethene	NV	0.81	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	27 U	0.81 U	0.81 U	ND	68 U	0.81 U	0.81 U	ND	9.9 U	ND	0.81 U	0.81 U	20000U	**0.36 J**	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U
Tetrachloroethene	30	1.4	1.4 U	1.4 U	**15**	**1.4**	1.4 U	1.4 U	45 U	**36**	1.4 U	ND	110 U	**0.91 J**	1.4 U	ND	**26**	**0.65 J**	1.4 U	1.4 U	34000 U	**77**	1.4 U	**3**	1.4 U	1.4 U	1.4 U
trans 1,2 Dichloroethene	NV	0.79	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	**58**	0.79 U	0.79 U	ND	66 U	**0.31 J**	0.79 U	ND	**47**	ND	0.79 U	0.79 U	19000 U	**2.4**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
Trichloroethene	2	0.2	**3.2**	**0.48**	**19**	**5.9**	**5.3**	**0.42**	**4000**	**24**	**14**	**0.52**	**9600**	**380**	**1.8**	**0.47**	**390**	**0.87**	**3.2**	**0.93**	27000 U	**170**	0.2 U	**0.24**	0.2 U	**1**	0.2 U
cis 1,2 Dichloroethene	NV	0.2	**1.9**	0.2 U	**1.2**	**0.8**	**2.3**	0.2 U	26 U	0.2 U	**3.3**	**0.18 J**	**87**	**6.6**	**1.1**	**0.19 J**	**660**	ND	**1.9**	**0.38**	**1800000**	**9.5**	0.2 U	**0.3**	0.2 U	0.2 U	0.2 U
Vinyl Chloride	NV	0.2	0.51 U	**0.31**	0.51 U	**3.2**	0.51 U	**0.53**	17 U	**1.4**	0.51 U	**0.66**	43 U	**1.2**	0.51 U	**0.35**	**110**	**0.59**	0.51 U	**0.36**	**430000**	**4.4**	**2.3**	**4.6**	**4**	**2**	**1.8**

			Building 2																			
Sample Location			**VU-9 IA**		**VU-9 SS**		**SS-37 IA**		**SS-37 SS**		**HH-37 IA**		**HH-37 SS**		**LL-25 / KK-25 IA**		**DD-31 IA**		**NN-58 IA**		**NN-58 SS**		**CC-60 IA**	**SS-13 IA**	**SS-13 SS**
Location Description			**Active Manufacturing Area**				**Restroom Access Area**				**Adjacent to Pedestrian Walkway**				**Clean Room Manufacturing Area**				**Active Manufacturing Area**				**Loading Dock**	**Break Room Area**	
	NYSDOH Indoor Air Guideline Value	**Reporting Limit**	**2014**	**2021**	**2014**	**2021**	**2014**	**2021**	**2014**	**2021**	**2014**	**2021**	**2014**	**2021**	**2014**	**2021**	**2014**	**2021**	**2014**	**2021**	**2014**	**2021**	**2021**	**2021**	**2021**
Parameter		**(ug/M3)**	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Post	Post	Post
Methylene Chloride	NV	1.7	1.5 U	**2.2**	1.5 U	1.7 U	1.5 U	1.7 U	1.5 U	**1.6 J**	1.7 U	1.7 U	**15**	1.7 U	1.5 U	1.7 U	1.5 U	**1.4 J**	1.5 U	1.7 U	17 U	1.7 U	1.4 J	1.7 U	1.7 U
1,1,1 Trichloroethane	NV	1.1	1.1 U	1.1 U	**6.9**	**8.7**	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	11 U	**0.49 J**	0.54 J	1.1 U	1.1 U
1,1 Dichloroethene	NV	0.81	0.81 U	0.81 U	**3.3**	**0.47 J**	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	7.9 U	**0.97**	0.81 U	0.81 U	0.81 U
Tetrachloroethene	30	1.4	1.4 U	**21**	**6.9**	**9**	1.4 U	1.4 U	**2.5**	**13**	1.4 U	**0.51 J**	**1.7**	**21**	1.4 U	**0.63 J**	1.4 U	1.4 U	1.4 U	1.4 U	**24**	**21**	1.4 U	1.4 U	**43**
trans 1,2 Dichloroethene	NV	0.79	0.79 U	0.79 U	**0.96**	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	7.9 U	0.79 U	0.79 U	0.79 U	0.79 U
Trichloroethene	2	0.2	1.1 U	**0.27**	**72**	**9**	1.1 U	0.2 U	**14**	**21**	1.1 U	**0.82**	**1.8**	**7**	1.1 U	**0.27**	1.1 U	0.2 U	1.1 U	**0.51**	11 U	**8.6**	**0.59**	0.2 U	**32**
cis 1,2 Dichloroethene	NV	0.2	0.79 U	0.2 U	**7.0**	0.2 U	0.79 U	0.2 U	**37**	0.2 U	1.0 U	**0.36 J**	**3.6**	0.2 U	0.79 U	**0.2**	0.79 U	0.2 U	0.79 U	0.2 U	7.9 U	0.2 U	**0.26**	0.2 U	0.2 U
Vinyl Chloride	NV	0.2	0.51 U	**1.7**	**0.51**	0.2 U	0.51 U	**1.9**	**6.6**	0.2 U	0.51 U	0.2 U	0.51 U	0.2 U	0.51 U	**1.1**	0.51 U	**1.1**	0.51 U	**4**	5.1 U	**3**	**6.7**	**3.6**	0.2 U

Notes:
units = micrograms per cubic meter (ug/M3)
U =Parameter Not Detected at a concentration greater than the Sample Detection Limit.
J = Estimated Value, concentration below Reporting Limit but above Method Detection Limit.
Bold - Parameter Detected a at concentration greater than the Sample Reporting Limit.
SS- Sub Slab Vapor Sample
IA - Indoor Air Sample
NV - No NYSDOH Indoor Air Guideline Value available for this parameter.
Pre - Sample collected before the implementation of Sub-Slab Depressurization
Post - Sample collected after the implementation of Sub-Slab Depressurization

TABLE 4
SUCTION PIT VACUUM MONITORING DATA SUMMARY
DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064
AUGUST 2017 THROUGH DECEMBER 2025
ROCHESTER, NEW YORK

Suction Pit Location ID	Minimum Historic Operating Range (in. w.c.)	Date of Minimum Historic Operating Range	Maximum Historic Operating Range (in. w.c.)	Date of Maximum Historic Operating Range
SP-1	29	4/2/2020	39	11/9/2020
SP-2	29	7/30/2025	46	2/21/2024
SP-3	31	7/30/2025	49	7/28/2022
SP-4	34	7/23/2021	47	10/7/2025
SP-5	14	1/25/2018	26	12/2/2022
SP-6	18	1/25/2018	46	2/21/2024

Notes:
1. (in. w.c.) - inches of water column
2. ID - identification

TABLE 5
SUB SLAB VACUUM POINT MEASUREMENTS SUMMARY
DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064
AUGUST 2017 THROUGH DECEMBER 2025
ROCHESTER, NEW YORK

Suction Pit Location	Monitoring Point	Operating Range (in.	Historic Operating	Operating Range (in.	Historic Operating
SP-1	C-23	0.000	1/6/2025	0.008	3/27/2024
	E-15	0.003	6/19/2019	0.086	1/2/2020
	E-17	0.002	6/19/2019	0.453	5/24/2024
	E-19/17	0.004	6/19/2019	1.130	8/19/2021
	E-23	0.000	6/19/2019	0.285	10/19/2017
	E-25	0.000	3/9/2021	0.547	10/19/2017
	E-27	0.000	10/7/2025	0.026	10/5/2018
	G-19	0.000	6/19/2019	0.158	7/19/2024
	G-21	0.000	10/7/2025	0.010	3/27/2024
	G-23	0.000	8/19/2021	0.003	10/19/2017
	G-27	0.000	10/7/2025	0.009	3/27/2024
SP-2	N-27	0.000	8/19/2021	0.147	8/14/2020
	N-33	0.000	8/19/2021	0.000	5/4/2021
	P-29	0.000	10/7/2025	0.201	5/4/2021
	P-31	0.014	5/4/2021	0.307	8/24/2017
	P-33	0.000	5/4/2021	0.030	8/24/2017
	R-25	0.000	4/22/2025	0.036	5/4/2021
	R-27	0.009	2/5/2018	0.131	5/4/2021
	R-31	0.025	5/4/2021	0.231	8/14/2020
	R-33	0.000	5/4/2021	0.051	8/24/2017
	R-35	0.000	10/7/2025	0.008	3/27/2024
	T-29	0.000	10/7/2025	0.008	3/27/2024
	W-29	0.000	1/31/2023	0.008	3/27/2024
	X-29	0.000	7/19/2024	0.055	8/14/2020

TABLE 5
SUB SLAB VACUUM POINT MEASUREMENTS SUMMARY
DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064
AUGUST 2017 THROUGH DECEMBER 2025
ROCHESTER, NEW YORK

Suction Pit Location	Monitoring Point	Operating Range (in.	Historic Operating	Operating Range (in.	Historic Operating
SP-3	C-7	0.000	1/31/2023	0.001	8/19/2021
	E-7	0.000	10/7/2025	0.004	3/27/2024
	G-3	0.003	3/27/2024	0.327	8/14/2020
	G-5	0.000	10/7/2025	0.005	8/14/2020
	G-9	0.000	8/19/2021	0.555	8/14/2020
	G-11	0.000	10/7/2025	0.025	8/14/2020
	G-13	0.000	7/19/2024	0.007	3/27/2024
	J-7	0.000	10/7/2025	0.006	3/27/2024
	L-7	0.004	3/27/2024	0.626	8/14/2020
SP-4	J-17	0.000	10/7/2025	0.017	8/14/2020
	J-21	0.000	10/7/2025	0.005	11/8/2024
	L-17	0.000	1/25/2018	0.023	8/19/2021
	L-19	0.000	10/7/2025	0.014	8/14/2020
	L-21	0.000	7/11/2025	0.330	1/31/2023
	L-25	0.000	1/6/2025	0.720	10/19/2017
	L-27	0.002	11/21/2017	0.245	10/19/2017
	L-29	0.000	4/22/2025	0.017	7/19/2024
	N-25	0.000	6/19/2019	0.005	8/19/2021
SP-5	E-31	0.000	7/11/2025	0.041	8/14/2020
	G-29	0.001	11/21/2017	0.134	10/7/2025
	G-33	0.010	2/5/2018	0.164	11/21/2017
	G-35	0.000	11/21/2017	0.286	8/14/2020
	J-29	0.000	10/10/2019	0.023	8/14/2020

TABLE 5
SUB SLAB VACUUM POINT MEASUREMENTS SUMMARY
DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064
AUGUST 2017 THROUGH DECEMBER 2025
ROCHESTER, NEW YORK

Suction Pit Location	Monitoring Point	Operating Range (in.	Historic Operating	Operating Range (in.	Historic Operating
SP-6	T-17	0.000	10/7/2025	0.010	7/11/2025
	T-19	0.000	1/6/2025	0.561	10/19/2017
	T-21	0.000	7/19/2024	0.015	10/19/2017
	W-15	0.000	7/11/2025	0.010	3/27/2024
	W-17	0.000	8/19/2021	0.000	8/19/2021
	W-19	0.000	10/7/2025	0.043	9/13/2023
	W-21	0.000	10/7/2025	0.900	9/13/2023
	W-23	0.000	10/7/2025	0.072	6/19/2019
	W-25	0.000	1/6/2025	0.105	6/19/2019

Notes:
0.001 - Negative Pressure
(Vacuum)+0.001 - Positive Pressure
"in. w.c. is inches in water column

TABLE 6
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER SAMPLING EVENTS
DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064
ROCHESTER, NEW YORK

LOCATION		Class GA	DR-105	DR-105	DR-105	DR-105	DR-105	DR-105	DR-105	DR-105	DR-105	DR-105	DR-105	DR-105	DR-109	DR-109	DR-109	DR-109	DR-109	DR-109	DR-109	DR-109	DR-109	DR-109
SAMPLE TYPE		TOGS	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
DATE		1.1.1	5/22/2012	5/30/2013	6/12/2014	6/23/2015	4/19/2016	5/23/2017	5/14/2018	6/14/2019	9/17/2020	5/27/2021	6/10/2022	7/29/2023	5/23/2012	6/11/2014	6/22/2015	4/15/2016	5/19/2017	5/15/2018	6/17/2019	9/15/2020	6/1/2021	6/10/2022
Volatile Organic Compounds (ug/L)	Cas No.																							
1,1,1-Trichloroethane	71-55-6	5	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,1,2,2-Tetrachloroethane	79-34-5	5	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,1,2-Trichloroethane	79-00-5	1	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,1-Dichloroethane	75-34-3	5	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,1-Dichloroethene	75-35-4	5	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,2,4-Trichlorobenzene	120-82-1	5	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	0.04	13 U	5.0 U	2.0 U	2.0 U	4.0 U	4.0 U	20 U	20 U	20 U	20 U	10 U	10 U	13 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	4.0 U	1.0 U
1,2-Dibromoethane (Ethylene dibromide)	106-93-4	0.0006	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	20 U	20 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
1,2-Dichlorobenzene	95-50-1	3	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,2-Dichloroethane	107-06-2	0.6	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,2-Dichloropropane	78-87-5	1	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,3-Dichlorobenzene	541-73-1	3	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,4-Dichlorobenzene	106-46-7	3	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	78-93-3	50	**24 J**	**15**	**40**	**86**	**61**	**43**	**28 J**	**30 J**	50 U	**26 J**	**27 J**	**42 J**	**12 J**	**6.3**	**21**	**20**	**21**	**33**	**40**	**51**	**55**	**4.9**
2-Hexanone	591-78-6	50	25 U	**1.9 J**	5.0 U	5.0 U	10 U	10 U	50 U	50 U	50 U	50 U	50 U	50 U	25 U	5.0 U	**4.1 J**	**3.5 J**	**4.2 J**	**6.4**	**7.5**	**11**	**8.1**	**0.53 J**
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	108-10-1	-	25 U	**0.79 J**	5.0 U	5.0 U	10 U	10 U	50 U	50 U	50 U	50 U	50 U	50 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	**0.75 J**	**0.89 J**	5.0 U	**0.91 J**	5.0 U
Acetone	67-64-1	50	**120**	**140**	**580**	**200**	**360**	**240**	**150**	**210**	**250**	**180**	**180**	**230**	**45**	**36**	**80**	**80**	**85**	**110**	**180**	**200**	**220**	**24**
Benzene	71-43-2	1	**33**	**8.8**	**31**	**39**	**40**	**40**	**42**	**44**	**37**	**40**	**39**	**36**	**18**	**0.67 J**	**6.8**	**5.4**	**1.7**	**2**	**2.2**	**1.9**	**2.7**	**20**
Bromodichloromethane	75-27-4	50	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Bromoform	75-25-2	50	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Bromomethane (Methyl bromide)	74-83-9	5	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Carbon disulfide	75-15-0	60	25 U	10 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	25 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Carbon tetrachloride	56-23-5	5	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Chlorobenzene	108-90-7	5	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Chloroethane	75-00-3	5	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Chloroform (Trichloromethane)	67-66-3	7	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	**2.7 J**	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Chloromethane (Methyl chloride)	74-87-3	5	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.22 J**	1.0 U	1.0 U	**0.85 J**	1.0 U
cis-1,2-Dichloroethene	156-59-2	5	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
cis-1,3-Dichloropropene	10061-01-5	0.4	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Cyclohexane	110-82-7	-	25 U	10 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	25 U	1.0 U	**0.60 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	**0.99 J**
Dibromochloromethane	124-48-1	50	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	75-71-8	5	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Ethylbenzene	100-41-4	5	13 U	**0.97 J**	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 UJ	**0.51 J**	**0.47 J**	**0.36 J**	1.0 U	**0.25 J**	1.0 U	2.0 U	1.0 U
Isopropyl benzene	98-82-8	5	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Methyl acetate	79-20-9	-	25 U	10 U	2.0 U	2.0 U	4.0 U	4.0 U	20 U	20 U	20 U	**3.5 J**	20 U	20 U	25 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	**0.44 J**	2.0 U	4.0 U	1.0 U
Methyl cyclohexane	108-87-2	-	25 U	10 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	25 U	1.0 U	**0.31 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	**0.29 J**
Methyl tert butyl ether (MTBE)	1634-04-4	10	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Methylene chloride	75-09-2	5	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	**0.99 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Styrene	100-42-5	5	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Tetrachloroethene	127-18-4	5	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Toluene	108-88-3	5	**3.7 J**	**5.5**	**3.2 J**	**3.9**	**4.5**	**4.3**	**5.3 J**	**6.8 J**	10 U	**4.5 J**	**4.3 J**	**3.3 J**	**3.7 J**	**2.1**	**5.9**	**4.3**	**1.6**	**1.1**	**1.5**	**1.4**	**1.3 J**	**5.4**
trans-1,2-Dichloroethene	156-60-5	5	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
trans-1,3-Dichloropropene	10061-02-6	0.4	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Trichloroethene	79-01-6	5	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	**1.9**	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	75-69-4	5	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Trifluorotrichloroethane (CFC-113)	76-13-1	5	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Vinyl chloride	75-01-4	2	13 U	5.0 U	5.0 U	1.0 U	2.0 U	2.0 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Xylenes (total)	1330-20-7	5	13 U	**0.83 J**	3.0 U	3.0 U	6.0 U	6.0 U	30 U	30 U	30 U	30 U	30 U	30 U	13 U	3.0 U	**1.4 J**	**1.5 J**	3.0 U	3.0 U	**0.80 J**	3.0 U	**0.58 J**	**1.2 J**

TABLE 6
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER SAMPLING EVENTS
DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064
ROCHESTER, NEW YORK

LOCATION		Class GA	DR-132	DR-132	DR-132	DR-132	DR-132	DR-132	DR-132	DR-132	DR-132	DR-132	DR-132	DR-132	DR-315	DR-315	DR-315	DR-315	DR-315	DR-315	DR-315	DR-315	DR-315	DR-315
SAMPLE TYPE		TOGS	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N
DATE		1.1.1	5/24/2012	5/31/2013	6/12/2014	6/19/2015	4/19/2016	5/23/2017	5/15/2018	6/13/2019	9/17/2020	5/28/2021	6/10/2022	7/26/2023	5/31/2013	5/31/2013	6/12/2014	6/23/2015	4/19/2016	5/19/2017	5/15/2018	6/13/2019	9/16/2020	5/28/2021
Volatile Organic Compounds (ug/L)	Cas No.																							
1,1,1-Trichloroethane	71-55-6	5	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	79-34-5	5	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	79-00-5	1	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	75-34-3	5	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	75-35-4	5	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	120-82-1	5	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	0.04	10 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	106-93-4	0.0006	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	95-50-1	3	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	107-06-2	0.6	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	78-87-5	1	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	541-73-1	3	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	106-46-7	3	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	78-93-3	50	20 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**100**	5.0 U	**1.8 J**	**2.3 J**	10 U	10 U	**65**	**30**	**31**	**25**	**35**	**6.3**	**40**	**23**
2-Hexanone	591-78-6	50	20 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	10 U	13 U	**2.2 J**	**2.0 J**	**2.1 J**	**1.9 J**	5.0 U	5.0 U	**1.3 J**
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	108-10-1	-	20 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.0 U	5.0 U	**0.83 J**	**0.72 J**	5.0 U	5.0 U	**0.62 J**
Acetone	67-64-1	50	20 U	**4.1 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	11.0 U	**15**	5.0 U	5.0 U	5.0 U	**15**	10 U	**290**	**130**	**130**	**120**	**150**	18.0 U	**200**	**120**
Benzene	71-43-2	1	**280**	**0.38 J**	**2**	**31**	**23**	**6.6**	**9.7**	**15**	**2**	**35**	**49**	**3.3**	**8.7**	**9**	**93**	**150**	**170**	**130**	**85**	**130**	**100**	**110**
Bromodichloromethane	75-27-4	50	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	75-25-2	50	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	74-83-9	5	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	75-15-0	60	**2.1 J**	10 U	1.0 U	1.0 U	1.0 U	1.0 U	**2.2**	**0.37 J**	**7.8**	**1.8**	1.0 U	1.0 U	10 U	10 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	56-23-5	5	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	108-90-7	5	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	75-00-3	5	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	67-66-3	7	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	74-87-3	5	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	156-59-2	5	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	10061-01-5	0.4	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	110-82-7	-	20 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.44 J**	**0.61 J**	1.0 U	**1.1**	1.0 U	1.0 U	**1.9 J**	**2.2 J**	**3.4**	**3.4**	1.0 U	**3.3**	**2**	**1.5**	**1.8**	**1.4**
Dibromochloromethane	124-48-1	50	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	75-71-8	5	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	100-41-4	5	10 U	5.0 U	1.0 UJ	1.0 U	**0.27 J**	**0.25 J**	1.0 U	**0.33 J**	1.0 U	**0.49 J**	**0.36 J**	1.0 U	5.0 U	5.0 U	2.5 U	**0.59 J**	**0.65 J**	**0.84 J**	**0.59 J**	**0.28 J**	1.0 U	**0.40 J**
Isopropyl benzene	98-82-8	5	10 U	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.21 J**	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	79-20-9	-	20 U	10 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	10 U	10 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	**0.63 J**
Methyl cyclohexane	108-87-2	-	20 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.43 J**	1.0 U	**0.56 J**	1.0 U	1.0 U	**0.98 J**	**1.2 J**	**1.3**	**1.3**	**1.3**	**1.2**	**0.82 J**	**0.52 J**	1.0 U	**0.60 J**
Methyl tert butyl ether (MTBE)	1634-04-4	10	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	75-09-2	5	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100-42-5	5	10 U	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	127-18-4	5	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	108-88-3	5	**1.2 J**	**0.43 J**	**0.21 J**	**0.34 J**	**0.86 J**	**0.86 J**	**1.1**	**2.2**	1.0 U	**2.4**	**2.3**	**0.76 J**	**1.5 J**	**1.5 J**	**9.8**	**17**	**16**	**12**	**7.8**	**5.1**	**5.7**	**5.9**
trans-1,2-Dichloroethene	156-60-5	5	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	10061-02-6	0.4	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	79-01-6	5	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	75-69-4	5	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (CFC-113)	76-13-1	5	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	75-01-4	2	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	1330-20-7	5	**8.4 J**	5.0 U	3.0 U	**3**	**3.9**	**2.1 J**	**2.1 J**	**4**	3.0 U	**4.6**	**3.9**	**0.88 J**	**0.60 J**	**0.64 J**	**2.3 J**	**4**	**4**	**4.3**	**2.2 J**	**1.4 J**	3.0 U	**1.6 J**

TABLE 6
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER SAMPLING EVENTS
DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064
ROCHESTER, NEW YORK

LOCATION		Class GA	PZ-111	PZ-111	PZ-111	PZ-111	PZ-111	PZ-111	PZ-112	PZ-112	PZ-112	PZ-112	PZ-112	PZ-112	PZ-113	PZ-113	PZ-113	PZ-113	PZ-113	PZ-113	PZ-113	PZ-113	PZ-113	PZ-113
SAMPLE TYPE		TOGS	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
DATE		1.1.1	5/25/2012	6/4/2013	6/12/2014	6/19/2015	4/15/2016	5/23/2017	5/24/2012	6/4/2013	6/12/2014	6/19/2015	4/15/2016	5/23/2017	5/24/2012	5/31/2013	6/11/2014	6/19/2015	4/19/2016	5/23/2017	5/14/2018	6/17/2019	9/16/2020	5/28/2021
Volatile Organic Compounds (ug/L)	Cas No.																							
1,1,1-Trichloroethane	71-55-6	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	79-34-5	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	79-00-5	1	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	75-34-3	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	75-35-4	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	120-82-1	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	0.04	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	106-93-4	0.0006	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	95-50-1	3	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	107-06-2	0.6	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	78-87-5	1	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	541-73-1	3	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	106-46-7	3	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	78-93-3	50	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	**1.3 J**	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	591-78-6	50	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	**0.69 J**	10 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	108-10-1	-	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	**0.27 J**	10 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	67-64-1	50	10 U	**2.8 J**	**3.7 J**	5.0 U	5.0 U	5.0 U	**5.8 J**	**34**	**6.8**	**48**	**18**	5.0 U	**8.2 J**	**12**	**7.3**	**5**	**11**	**2.3 J**	5.0 U	12 U	5.0 U	5.0 U
Benzene	71-43-2	1	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.45 J**	**0.45 J**	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	75-27-4	50	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	75-25-2	50	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	74-83-9	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	75-15-0	60	10 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.49 J**	**3.8 J**	**0.78 J**	**0.60 J**	1.0 U	**0.23 J**	10 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.42 J**	1.0 U	1.0 U
Carbon tetrachloride	56-23-5	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	108-90-7	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	75-00-3	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	**0.66 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	67-66-3	7	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	74-87-3	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	**0.22 J**	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	**0.55 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	156-59-2	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	10061-01-5	0.4	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	110-82-7	-	10 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.25 J**	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	124-48-1	50	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	75-71-8	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	100-41-4	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	98-82-8	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**15**	**19**	**17 J**	**9.8**	**16**	**22**	5.0 U	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	79-20-9	-	10 U	10 U	2.0 U	2.0 U	2.0 U	2.0 U	10 U	10 U	2.0 U	2.0 U	2.0 U	2.0 U	10 U	10 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl cyclohexane	108-87-2	-	10 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.29 J**	10 U	1.0 U	1.0 U	**0.31 J**	1.0 U	10 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	1634-04-4	10	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.49 J**	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	75-09-2	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100-42-5	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	127-18-4	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	108-88-3	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	**0.21 J**	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	156-60-5	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	10061-02-6	0.4	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	79-01-6	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	75-69-4	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (CFC-113)	76-13-1	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	75-01-4	2	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	1330-20-7	5	5.0 U	5.0 U	3.0 U	3.0 U	3.0 U	3.0 U	5.0 U	5.0 U	3.0 U	3.0 U	3.0 U	3.0 U	5.0 U	5.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

TABLE 6
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER SAMPLING EVENTS
DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064
ROCHESTER, NEW YORK

LOCATION		Class GA	PZ-113	PZ-113	R-101	R-101	R-101	R-101	R-101	R-101	R-101	R-101	R-101	R-101	R-101	R-108	R-108	R-108	R-108	R-108	R-108	R-108	R-108	R-108
SAMPLE TYPE		TOGS	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	fd	N	N	N
DATE		1.1.1	6/10/2022	7/20/2023	5/29/2013	6/12/2014	6/18/2015	4/14/2016	5/18/2017	5/14/2018	6/12/2019	9/14/2020	5/27/2021	6/10/2022	7/14/2023	5/31/2013	6/11/2014	6/22/2015	4/18/2016	5/23/2017	5/16/2018	5/16/2018	6/19/2019	9/16/2020
Volatile Organic Compounds (ug/L)	Cas No.																							
1,1,1-Trichloroethane	71-55-6	5	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	79-34-5	5	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	79-00-5	1	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	75-34-3	5	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	**0.34 J**	**0.53 J**	**0.37 J**	1.0 U	**0.33 J**	**0.44 J**	1.0 U
1,1-Dichloroethene	75-35-4	5	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	120-82-1	5	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	0.04	20 U	20 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	106-93-4	0.0006	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	95-50-1	3	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	107-06-2	0.6	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	78-87-5	1	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	541-73-1	3	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	106-46-7	3	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	78-93-3	50	50 U	50 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	**1.8 J**	**3.5 J**	5.0 U	**0.93 J**	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**0.79 J**	5.0 U
2-Hexanone	591-78-6	50	50 U	50 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	108-10-1	-	50 U	50 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	67-64-1	50	50 U	50 U	10 U	5.0 U	5.0 U	5.0 U	**4.0 J**	5.0 U	11.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**2.1 J**	**2.4 J**	5.0 U	5.0 U	**2.8 J**	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	71-43-2	1	10 U	10 U	**0.21 J**	**0.30 J**	**0.50 J**	**0.50 J**	**0.52 J**	**0.54 J**	**0.44 J**	1.0 U	**0.57 J**	**1.4**	**0.37 J**	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	75-27-4	50	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	75-25-2	50	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	74-83-9	5	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	75-15-0	60	10 U	10 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	**2.6**	1.0 U	1.0 U	**1.2**	**0.81 J**	**1.3**	10 U	1.0 U	1.0 U	1.0 U	**0.25 J**	**1.2**	**5.9**	1.0 U	1.0 U
Carbon tetrachloride	56-23-5	5	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	108-90-7	5	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	75-00-3	5	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	67-66-3	7	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	74-87-3	5	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	156-59-2	5	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.37 J**	1.0 U	**1.3**	**0.94 J**	**0.73 J**	**0.39 J**	**0.73 J**	**0.71 J**	1.0 U
cis-1,3-Dichloropropene	10061-01-5	0.4	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	110-82-7	-	10 U	10 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1.2**	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	124-48-1	50	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	75-71-8	5	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	100-41-4	5	10 U	10 U	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	98-82-8	5	10 U	10 U	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.23 J**	**0.34 J**	1.0 U	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	79-20-9	-	20 U	20 U	10 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	10 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl cyclohexane	108-87-2	-	10 U	10 U	10 U	1.0 U	1.0 U	**0.29 J**	1.0 U	**0.30 J**	1.0 U	1.0 U	**0.69 J**	**0.98 J**	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	1634-04-4	10	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	75-09-2	5	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100-42-5	5	10 U	10 U	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	127-18-4	5	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	108-88-3	5	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	156-60-5	5	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	**0.59 J**	**0.50 J**	**0.45 J**	1.0 U	**0.54 J**	**0.52 J**	1.0 U
trans-1,3-Dichloropropene	10061-02-6	0.4	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	79-01-6	5	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	**0.24 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	75-69-4	5	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (CFC-113)	76-13-1	5	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	75-01-4	2	10 U	10 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1.4 J**	1.0 U	**4.4**	**1.6**	**1.8**	1.0 U	**1.4**	**1.1**	1.0 U
Xylenes (total)	1330-20-7	5	30 U	30 U	5.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	**0.66 J**	**0.98 J**	**0.46 J**	5.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

TABLE 6
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER SAMPLING EVENTS
DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064
ROCHESTER, NEW YORK

LOCATION		Class GA	R-108	R-108	R-108	R-109	R-109	R-109	R-109	R-109	R-109	R-109	R-109	R-109	R-109	R-109	R-109	R-109	R-109	R-109
SAMPLE TYPE		TOGS	N	N	N	N	N	N	FD	N	N	N	FD	N	FD	N	FD	N	N	N
DATE		1.1.1	6/1/2021	6/10/2022	7/28/2022	5/31/2013	6/11/2014	6/22/2015	4/15/2016	4/15/2016	5/19/2017	5/15/2018	6/17/2019	6/17/2019	9/15/2020	9/15/2020	6/1/2021	6/1/2021	6/10/2022	7/26/2023
Volatile Organic Compounds (ug/L)	Cas No.																			
1,1,1-Trichloroethane	71-55-6	5	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	79-34-5	5	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	79-00-5	1	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	75-34-3	5	**0.34 J**	**0.25 J**	1.0 U	**2.0 J**	**3.4**	**1.9**	**2.1**	**2**	**9.5**	**9**	**8.8**	**9.6**	**12**	**12**	**10**	**9.8**	**9.2**	**8.5**
1,1-Dichloroethene	75-35-4	5	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	120-82-1	5	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	0.04	2.0 U	2.0 U	2.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	106-93-4	0.0006	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	95-50-1	3	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	107-06-2	0.6	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.37 J**	**0.26 J**	1.0 U	1.0 U	**0.20 J**	**0.22 J**	1.0 U	1.0 U
1,2-Dichloropropane	78-87-5	1	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	541-73-1	3	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	106-46-7	3	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	78-93-3	50	5.0 U	**3.1 J**	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**1.5 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	591-78-6	50	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	108-10-1	-	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	67-64-1	50	5.0 U	5.0 U	5.0 U	**2.7 J**	**2.6 J**	5.0 U	5.0 U	5.0 U	**1.8 J**	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	71-43-2	1	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	75-27-4	50	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	75-25-2	50	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	74-83-9	5	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	75-15-0	60	**2.9**	**1.1**	1.0 U	10 U	**0.28 J**	1.0 U	1.0 U	1.0 U	1.0 U	**4.9**	**0.50 J**	**1.9 J**	1.0 U	1.0 U	**1.5**	**1.6**	**0.62 J**	1.0 U
Carbon tetrachloride	56-23-5	5	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	108-90-7	5	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	75-00-3	5	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	67-66-3	7	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	74-87-3	5	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	156-59-2	5	**0.74 J**	**0.56 J**	1.0 U	**9**	**12**	**4.8**	**4.4**	**4.8**	**42**	**35**	**27**	**26**	**27**	**27**	**19**	**18**	**10**	**9.1**
cis-1,3-Dichloropropene	10061-01-5	0.4	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	110-82-7	-	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	124-48-1	50	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	75-71-8	5	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	100-41-4	5	1.0 U	1.0 U	1.0 U	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	98-82-8	5	1.0 U	1.0 U	1.0 U	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	79-20-9	-	2.0 U	2.0 U	2.0 U	10 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl cyclohexane	108-87-2	-	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	1634-04-4	10	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	75-09-2	5	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100-42-5	5	1.0 U	1.0 U	1.0 U	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	127-18-4	5	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	108-88-3	5	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	156-60-5	5	**0.60 J**	**0.41 J**	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	10061-02-6	0.4	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	79-01-6	5	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	75-69-4	5	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (CFC-113)	76-13-1	5	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	75-01-4	2	1.0 U	**3**	1.0 U	**15**	**22**	**16**	**12**	**12**	**83**	**100**	**100**	**100**	**120**	**130**	**85**	**85**	**54**	**50**
Xylenes (total)	1330-20-7	5	3.0 U	3.0 U	3.0 U	5.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

TABLE 6
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER SAMPLING EVENTS
DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064
ROCHESTER, NEW YORK

LOCATION		Class GA	R-3	R-3	R-3	R-3	R-3	R-3	R-3	R-3	R-3	R-3	R-3	R-301	R-301	R-301	R-301	R-301	R-301	R-301	R-301	R-301	R-301	R-301
SAMPLE TYPE		TOGS	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
DATE		1.1.1	5/29/2013	6/12/2014	6/22/2015	4/14/2016	5/18/2017	5/14/2018	6/13/2019	9/14/2020	5/27/2021	6/23/2022	7/25/2023	5/29/2013	6/12/2014	6/18/2015	4/14/2016	5/18/2017	5/14/2018	6/14/2019	9/14/2020	6/1/2021	6/23/2022	7/26/2023
Volatile Organic Compounds (ug/L)	Cas No.																							
1,1,1-Trichloroethane	71-55-6	5	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	79-34-5	5	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	79-00-5	1	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	75-34-3	5	**5.8**	**5.8**	**5**	**5.6**	**3.5**	**3.1**	**2.4**	**1.9**	**1.9**	**1.3**	**1.5**	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	75-35-4	5	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	120-82-1	5	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	0.04	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	106-93-4	0.0006	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	95-50-1	3	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	107-06-2	0.6	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	78-87-5	1	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	541-73-1	3	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	106-46-7	3	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	78-93-3	50	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	591-78-6	50	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	108-10-1	-	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	67-64-1	50	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	11.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**2.1 J**	5.0 U	5.0 U	5.0 U	**2.7 J**	5.0 U	11.0 U	5.5 U	5.0 U	5.0 U	5.0 U
Benzene	71-43-2	1	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.41 J**	1.0 U	1.0 U
Bromodichloromethane	75-27-4	50	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	75-25-2	50	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	74-83-9	5	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	75-15-0	60	10 U	**0.29 J**	1.0 U	1.0 U	1.0 U	**3.8**	**0.42 J**	1.0 U	**0.83 J**	**0.80 J**	1.0 U	10 U	**0.22 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	56-23-5	5	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	108-90-7	5	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	75-00-3	5	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	67-66-3	7	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	74-87-3	5	5.0 U	1.0 U	1.0 U	1.0 U	**0.24 J**	1.0 U	1.0 U	**1.5**	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	156-59-2	5	**2.1 J**	**1.7**	**1.7**	**1.9**	**1.6**	**1.4**	**1.2**	**2.1**	**1.6**	**1.4**	**1.4**	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	10061-01-5	0.4	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	110-82-7	-	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	124-48-1	50	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	75-71-8	5	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	100-41-4	5	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	98-82-8	5	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	79-20-9	-	10 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	10 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl cyclohexane	108-87-2	-	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	1634-04-4	10	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	75-09-2	5	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100-42-5	5	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	127-18-4	5	**0.49 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	**1.8**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	108-88-3	5	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	156-60-5	5	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	10061-02-6	0.4	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	79-01-6	5	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	**16**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	75-69-4	5	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (CFC-113)	76-13-1	5	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	75-01-4	2	**4.1 J**	**4.8**	**4**	**3.7**	**2.9**	**2.2**	1.0 U	**2.5**	**2**	**0.90 J**	**1.9**	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	1330-20-7	5	5.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	5.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

TABLE 6
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER SAMPLING EVENTS
DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064
ROCHESTER, NEW YORK

LOCATION		Class GA	R-303	R-303	R-303	R-303	R-303	R-303	R-303	R-303	R-303	R-303	R-303	R-303	R-306	R-306	R-306	R-306	R-306	R-306	R-306	R-306	R-306	R-306
SAMPLE TYPE		TOGS	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
DATE		1.1.1	5/23/2012	5/30/2013	6/12/2014	6/18/2015	4/18/2016	5/22/2017	5/15/2018	6/18/2019	9/15/2020	6/2/2021	6/23/2022	7/28/2023	5/24/2012	6/3/2013	6/12/2014	6/22/2015	4/18/2016	5/18/2017	5/16/2018	6/19/2019	9/16/2020	6/2/2021
Volatile Organic Compounds (ug/L)	Cas No.																							
1,1,1-Trichloroethane	71-55-6	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	79-34-5	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	79-00-5	1	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	75-34-3	5	**0.25 J**	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	75-35-4	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	120-82-1	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	0.04	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	106-93-4	0.0006	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	95-50-1	3	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	107-06-2	0.6	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	78-87-5	1	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	541-73-1	3	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	106-46-7	3	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	78-93-3	50	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**1.3 J**	5.0 U	5.0 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	591-78-6	50	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	108-10-1	-	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	67-64-1	50	10 U	**3.4 J**	**6.2**	5.0 U	**3.0 J**	5.0 U	5.0 U	12 U	5.1 U	5.0 U	5.0 U	5.0 U	**1.4 J**	**1.6 J**	**1.6 J**	5.0 U	**1.7 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	71-43-2	1	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.21 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	75-27-4	50	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	75-25-2	50	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	74-83-9	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.96 J**
Carbon disulfide	75-15-0	60	10 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	**3.9**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.28 J**	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	56-23-5	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	108-90-7	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	75-00-3	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	67-66-3	7	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	74-87-3	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.35 J**	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.56 J**
cis-1,2-Dichloroethene	156-59-2	5	**1.6 J**	5.0 U	1.0 U	**0.31 J**	1.0 U	1.0 U	**0.68 J**	1.0 U	1.0 U	**0.33 J**	1.0 U	**0.25 J**	**6.8**	**7.9**	**8.4**	**9.4**	**18**	**5.7**	**3.3**	**6.3**	**6.5**	**6.5**
cis-1,3-Dichloropropene	10061-01-5	0.4	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	110-82-7	-	10 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	124-48-1	50	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	75-71-8	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	100-41-4	5	5.0 U	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	98-82-8	5	5.0 U	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	79-20-9	-	10 U	10 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	10 U	10 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl cyclohexane	108-87-2	-	10 U	10 U	1.0 U	**0.29 J**	**0.43 J**	1.0 U	1.0 U	**0.27 J**	1.0 U	**0.21 J**	**0.22 J**	1.0 U	10 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	1634-04-4	10	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	75-09-2	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100-42-5	5	5.0 U	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	127-18-4	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	108-88-3	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	156-60-5	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	10061-02-6	0.4	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	79-01-6	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1.0 J**	**0.38 J**	**0.52 J**	**0.50 J**	**0.78 J**	**0.57 J**	1.0 U	**0.39 J**	1.0 U	**0.32 J**
Trichlorofluoromethane (CFC-11)	75-69-4	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (CFC-113)	76-13-1	5	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	75-01-4	2	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.76 J**	**0.27 J**	**0.31 J**	**0.93 J**	**0.70 J**	1.0 U	1.0 U	1.0 U	1.0 U	**1.1**	1.0 U	1.0 U	**0.35 J**
Xylenes (total)	1330-20-7	5	5.0 U	5.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	5.0 U	5.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

TABLE 6
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER SAMPLING EVENTS
DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064
ROCHESTER, NEW YORK

LOCATION		Class GA	R-306	R-401	R-401	R-401	R-401	R-401	R-401	R-401	R-401	R-401	R-401	R-401	R-401	R-401	R-401	R-403	R-403	R-403	R-403	R-403	R-403	R-403
SAMPLE TYPE		TOGS	N	N	N	N	FD	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
DATE		1.1.1	6/23/2022	5/24/2012	6/3/2013	6/12/2014	6/12/2014	6/23/2015	4/18/2016	5/22/2017	5/22/2017	5/15/2018	6/18/2019	9/15/2020	6/3/2021	6/27/2022	7/28/2023	5/25/2012	6/3/2013	6/12/2014	6/23/2015	4/18/2016	5/23/2017	5/15/2018
Volatile Organic Compounds (ug/L)	Cas No.																							
1,1,1-Trichloroethane	71-55-6	5	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	79-34-5	5	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	79-00-5	1	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	75-34-3	5	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.24 J**	1.0 U	**0.21 J**	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	75-35-4	5	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.35 J**	1.0 U	**0.39 J**	1.0 U	**0.30 J**	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	120-82-1	5	1.0 U	5.0 U	**0.25 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	0.04	2.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	106-93-4	0.0006	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	95-50-1	3	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	107-06-2	0.6	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	78-87-5	1	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	541-73-1	3	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	**0.20 J**	**0.22 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	106-46-7	3	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	78-93-3	50	5.0 U	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**1.1 J**	1.0 U	10 U	10 U	**2.5 J**	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	591-78-6	50	5.0 U	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	108-10-1	-	5.0 U	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	67-64-1	50	5.0 U	**1.6 J**	**2.5 J**	**2.0 J**	**1.8 J**	5.0 U	**1.5 J**	**1.3 J**	**1.4 J**	5.0 U	12 U	5.4 U	5.0 U	5.0 U	5.0 U	**1.5 J**	10 U	**61**	5.0 U	**6.3**	5.0 U	5.0 U
Benzene	71-43-2	1	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	**0.86 J**	1.0 U	**0.47 J**	1.0 U	1.0 U
Bromodichloromethane	75-27-4	50	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	75-25-2	50	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	74-83-9	5	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.88 J**	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	75-15-0	60	1.0 U	**0.23 J**	**0.76 J**	**0.27 J**	**0.43 J**	1.0 U	1.0 U	1.0 U	1.0 U	**1.4**	**0.34 J**	1.0 U	1.0 U	1.0 U	1.0 U	**0.22 J**	10 U	**0.76 J**	1.0 U	**0.54 J**	1.0 U	1.0 U
Carbon tetrachloride	56-23-5	5	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	108-90-7	5	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	75-00-3	5	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	67-66-3	7	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	74-87-3	5	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.51 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	156-59-2	5	**4.9**	**5.9**	**4.9 J**	**2.9**	**2.7**	**11**	**16**	**15**	**15**	**18**	**18**	**24**	**22**	**10**	**21**	**6.3**	**1.1 J**	**1.2**	**0.48 J**	**0.34 J**	1.0 U	1.0 U
cis-1,3-Dichloropropene	10061-01-5	0.4	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	110-82-7	-	1.0 U	10 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	124-48-1	50	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	75-71-8	5	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	100-41-4	5	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	98-82-8	5	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	79-20-9	-	2.0 U	10 U	10 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	10 U	10 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl cyclohexane	108-87-2	-	1.0 U	10 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	**0.41 J**	**0.67 J**	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	1634-04-4	10	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	75-09-2	5	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100-42-5	5	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	127-18-4	5	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	108-88-3	5	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	**0.44 J**	1.0 U	**0.23 J**	1.0 U	1.0 U
trans-1,2-Dichloroethene	156-60-5	5	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	**0.41 J**	**0.43 J**	**0.57 J**	**0.51 J**	**0.65 J**	**0.44 J**	1.0 U	**0.57 J**	1.0 U	**0.59 J**	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	10061-02-6	0.4	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	79-01-6	5	**0.22 J**	**0.81 J**	**1.2 J**	**0.86 J**	**0.77 J**	**3.6**	**2.8**	**4.8**	**4.4**	**5**	**2.9**	**4.5**	**4.8**	**2**	**5.4**	**0.94 J**	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	75-69-4	5	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (CFC-113)	76-13-1	5	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	75-01-4	2	1.0 U	**0.59 J**	**1.3 J**	**0.51 J**	**0.49 J**	**4.7**	**12**	**5.4**	**5.3**	**3.8**	**9.3**	**9.3**	**7.3**	**1.3**	**9**	**0.79 J**	**18**	**39**	**5**	**0.58 J**	**1.4**	**1.3**
Xylenes (total)	1330-20-7	5	3.0 U	5.0 U	5.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	5.0 U	5.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

TABLE 6
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER SAMPLING EVENTS
DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064
ROCHESTER, NEW YORK

LOCATION		Class GA	R-403	R-403	R-403	R-403	R-403	SR-101	SR-101	SR-101	SR-101	SR-101	SR-101	SR-101	SR-101	SR-101	SR-101	SR-101	SR-101	SR-301	SR-301	SR-301	SR-301
SAMPLE TYPE		TOGS	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N
DATE		1.1.1	6/18/2019	9/15/2020	6/2/2021	6/23/2022	7/28/2023	5/22/2012	5/29/2013	6/11/2014	6/18/2015	6/18/2015	4/14/2016	5/18/2017	5/14/2018	6/12/2019	9/14/2020	5/27/2021	6/14/2022	7/25/2023	5/24/2013	6/11/2014	6/18/2015	4/14/2016
Volatile Organic Compounds (ug/L)	Cas No.																							
1,1,1-Trichloroethane	71-55-6	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	79-34-5	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	79-00-5	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	75-34-3	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	75-35-4	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.61 J**	1.0 U	1.0 U	**0.83 J**
1,2,4-Trichlorobenzene	120-82-1	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	0.04	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	5.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	106-93-4	0.0006	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	95-50-1	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	107-06-2	0.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	78-87-5	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	541-73-1	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	106-46-7	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	78-93-3	50	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**1.1 J**	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U
2-Hexanone	591-78-6	50	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	108-10-1	-	5.0 U	5.0 U	**0.24 J**	5.0 U	5.0 U	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U
Acetone	67-64-1	50	12 U	5.5 U	5.0 U	5.0 U	5.0 U	10 U	**2.2 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**2.6 J**	**1.7 J**	5.0 U	5.0 U
Benzene	71-43-2	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	**3.1 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	75-27-4	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Bromoform	75-25-2	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	74-83-9	5	1.0 U	1.0 U	**0.96 J**	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	75-15-0	60	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	56-23-5	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	108-90-7	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	75-00-3	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	67-66-3	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	74-87-3	5	1.0 U	1.0 U	**1.6**	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	156-59-2	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**81**	**66**	**110**	**120**
cis-1,3-Dichloropropene	10061-01-5	0.4	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	110-82-7	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	124-48-1	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	75-71-8	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	100-41-4	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 UJ	1.0 U	1.0 U
Isopropyl benzene	98-82-8	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 UJ	1.0 U	1.0 U
Methyl acetate	79-20-9	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	10 U	10 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	10 U	2.0 U	2.0 U	2.0 U
Methyl cyclohexane	108-87-2	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	1634-04-4	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	75-09-2	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Styrene	100-42-5	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 UJ	1.0 U	1.0 U
Tetrachloroethene	127-18-4	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Toluene	108-88-3	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	**0.78 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	156-60-5	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	**0.48 J**	**0.43 J**
trans-1,3-Dichloropropene	10061-02-6	0.4	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	79-01-6	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**42**	**33**	**17**	**42**
Trichlorofluoromethane (CFC-11)	75-69-4	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (CFC-113)	76-13-1	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	75-01-4	2	**0.58 J**	1.0 U	**0.73 J**	**0.28 J**	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**6.4**	**5**	**7.6**	**6.7**
Xylenes (total)	1330-20-7	5	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	5.0 U	5.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	5.0 U	3.0 U	3.0 U	3.0 U

TABLE 6
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER SAMPLING EVENTS
DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064
ROCHESTER, NEW YORK

LOCATION		Class GA	SR-301	SR-301	SR-301	SR-301	SR-301	SR-301	SR-301	SR-303	SR-303	SR-303	SR-303	SR-303	SR-303	SR-303	SR-303	SR-303	SR-303	SR-303	SR-303
SAMPLE TYPE		TOGS	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
DATE		1.1.1	5/18/2017	5/14/2018	6/14/2019	9/14/2020	6/1/2021	6/24/2022	7/26/2023	5/23/2012	5/30/2013	6/12/2014	6/18/2015	4/18/2016	5/22/2017	5/15/2018	6/18/2019	9/15/2020	6/2/2021	6/23/2022	7/28/2023
Volatile Organic Compounds (ug/L)	Cas No.																				
1,1,1-Trichloroethane	71-55-6	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	79-34-5	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	79-00-5	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	75-34-3	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	75-35-4	5	**0.78 J**	**0.82 J**	**0.64 J**	1.0 U	**0.79 J**	**0.47 J**	**0.69 J**	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	120-82-1	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	0.04	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	106-93-4	0.0006	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	95-50-1	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	107-06-2	0.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	78-87-5	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	541-73-1	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	106-46-7	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	78-93-3	50	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	591-78-6	50	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	108-10-1	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	67-64-1	50	5.0 U	5.0 U	11.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	**3.0 J**	**1.5 J**	5.0 U	5.0 U	**1.6 J**	5.0 U	12 U	5.1 U	5.0 U	5.0 U	5.0 U
Benzene	71-43-2	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	75-27-4	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	75-25-2	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	74-83-9	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	75-15-0	60	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	56-23-5	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	108-90-7	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	75-00-3	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	67-66-3	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	74-87-3	5	1.0 U	1.0 U	1.0 U	1.0 U	**0.49 J**	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	**0.40 J**	1.0 U	1.0 U	**1.3**	**0.91 J**	1.0 U	1.0 U
cis-1,2-Dichloroethene	156-59-2	5	**140**	**130**	**120**	**120**	**120**	**89**	**100**	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	10061-01-5	0.4	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	110-82-7	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	124-48-1	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	75-71-8	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	100-41-4	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	98-82-8	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	79-20-9	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	10 U	10 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl cyclohexane	108-87-2	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	1634-04-4	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	75-09-2	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100-42-5	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	127-18-4	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	108-88-3	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	156-60-5	5	**0.57 J**	**0.66 J**	**0.54 J**	1.0 U	**0.56 J**	**0.32 J**	**0.59 J**	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	10061-02-6	0.4	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	79-01-6	5	**47**	**41**	**36**	**35**	**37**	**26**	**30**	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	75-69-4	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (CFC-113)	76-13-1	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	75-01-4	2	**6**	**5**	**6.7**	**7.1**	**4.6**	**2.9**	**2.9**	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	1330-20-7	5	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	5.0 U	5.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

TABLE 6
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER SAMPLING EVENTS
DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064
ROCHESTER, NEW YORK

LOCATION		Class GA
SAMPLE TYPE		TOGS
DATE		1.1.1
Volatile Organic Compounds (ug/L)	Cas No.	
1,1,1-Trichloroethane	71-55-6	5
1,1,2,2-Tetrachloroethane	79-34-5	5
1,1,2-Trichloroethane	79-00-5	1
1,1-Dichloroethane	75-34-3	5
1,1-Dichloroethene	75-35-4	5
1,2,4-Trichlorobenzene	120-82-1	5
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	0.04
1,2-Dibromoethane (Ethylene dibromide)	106-93-4	0.0006
1,2-Dichlorobenzene	95-50-1	3
1,2-Dichloroethane	107-06-2	0.6
1,2-Dichloropropane	78-87-5	1
1,3-Dichlorobenzene	541-73-1	3
1,4-Dichlorobenzene	106-46-7	3
2-Butanone (Methyl ethyl ketone) (MEK)	78-93-3	50
2-Hexanone	591-78-6	50
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	108-10-1	-
Acetone	67-64-1	50
Benzene	71-43-2	1
Bromodichloromethane	75-27-4	50
Bromoform	75-25-2	50
Bromomethane (Methyl bromide)	74-83-9	5
Carbon disulfide	75-15-0	60
Carbon tetrachloride	56-23-5	5
Chlorobenzene	108-90-7	5
Chloroethane	75-00-3	5
Chloroform (Trichloromethane)	67-66-3	7
Chloromethane (Methyl chloride)	74-87-3	5
cis-1,2-Dichloroethene	156-59-2	5
cis-1,3-Dichloropropene	10061-01-5	0.4
Cyclohexane	110-82-7	-
Dibromochloromethane	124-48-1	50
Dichlorodifluoromethane (CFC-12)	75-71-8	5
Ethylbenzene	100-41-4	5
Isopropyl benzene	98-82-8	5
Methyl acetate	79-20-9	-
Methyl cyclohexane	108-87-2	-
Methyl tert butyl ether (MTBE)	1634-04-4	10
Methylene chloride	75-09-2	5
Styrene	100-42-5	5
Tetrachloroethene	127-18-4	5
Toluene	108-88-3	5
trans-1,2-Dichloroethene	156-60-5	5
trans-1,3-Dichloropropene	10061-02-6	0.4
Trichloroethene	79-01-6	5
Trichlorofluoromethane (CFC-11)	75-69-4	5
Trifluorotrichloroethane (CFC-113)	76-13-1	5
Vinyl chloride	75-01-4	2
Xylenes (total)	1330-20-7	5

Notes and Abbreviations:
1. Results in Red exceed the NYSDEC Division of Water Class GA Groundwater Quality Standard (TOGS Memorandum 1.1.1. 1998).
2. U - Parameter not detected at a concentration above the method detection limit.
3. J - Estimated result - Parameter detected at a concentration below the Laboratory Reporting Limit but above the Method Detection Limit.
4. Sample Types: N - Normal Sample, FD - Field Duplicate Sample.
5. D - Sample was diluted to achieve a concentration within the instrument calibration.
6. Results presented in **Bold** were detected at concentrations above the Method Detection Limit.
7. Data shown from sampling events conducted from 2012 to present.

TABLE 7

SUMMARY OF SOIL SAMPLE ANALYSIS RESULTS - REMAINING CONTAMINATION

DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064

ROCHESTER, NEW YORK

SAMPLE LOCATION, MATRIX AND DEPTH	Commercial SCOs	Industrial SCOs	C-101 3.7 - 4 ft.	C-105 8.5 - 8.7 ft.	C-107 12.6 - 12.9 ft.	C-115 10.5 - 12 ft.	C-116 13 - 14 ft.	SSB-4 4 - 8 ft.	SSB-4 16 - 20 ft.	SSB-5 5 - 7 ft.	SSB-5 9 - 13 ft.	SSB-5 13 - 15 ft.	SSB-5A 4 - 8 ft.	SSB-5A 8 - 12 ft.	SSB-5C 6 - 8 ft.	SSB-5C 10 - 12 ft.	SR-310 0.7 - 2 ft.	PB-33 6 - 8 ft.
PCBS (PPM)																		
AROCLOR 1242	1	25	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.439 UJ	0.0222 U	2.46	1.21	0.906	NA	NA	NA	NA	0.1 U	0.0206 U
AROCLOR 1248	1	25	2.3	3.3	7.9	30	9.2	5.28 J	0.285	0.198 U	0.201 U	0.206 U	NA	NA	NA	NA	0.1 U	0.0206 U
AROCLOR 1254	1	25	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.439 UJ	0.0222 U	0.952	0.51	1.16	NA	NA	NA	NA	0.1 U	0.0206 U
SVOCS (PPM)																		
BENZO(A)PYRENE	1	1.1	NA	NA	NA	NA	NA	0.81	0.577	0.774 J	0.527 J	0.179 J	NA	NA	NA	NA	1	0.0332 U
VOCS (PPM)																		
1,2,4-TRIMETHYLBENZENE	190	380	NA	NA	NA	NA	NA	0.0771	0.47 D	12	0.225	0.684	52.8 DJ	78.8 DJ	53.6 D	6.99	0.2 U	1.09 J
1,3,5-TRIMETHYLBENZENE	190	380	NA	NA	NA	NA	NA	0.0225	0.0118 U	4.08	0.0733	0.761	22.9 J	44 J	43.1	0.344 J	0.2 U	0.369 J
TRICHLOROETHENE	200	400	NA	NA	NA	NA	NA	0.0176	0.0118 U	1.29 U	0.0117 J	0.11 U	1.27 UJ	2.32 UJ	2.66 U	1.45 U	949.8	2.99
METALS (PPM)																		
ARSENIC	16	16	NA	NA	NA	NA	NA	8.97 J	7.59 J	1.3 U	3	2.2 J	NA	NA	NA	NA	2.6	3.2
CADMIUM	9.3	60	NA	NA	NA	NA	NA	0.856 U	0.384 U	4.2	0.69 J	0.37 J	39	26.8	8.2 J	1.3 J	0.5 U	0.23 J
CHROMIUM	400	800	NA	NA	NA	NA	NA	21 J	11.4 J	85.5	33.7	9.7	5700	112	562 J	43.9 J	4.9	12.1
COPPER	270	10000	NA	NA	NA	NA	NA	333 J	46.9 J	3650	550	11.6	21400	587	14000	32.1	12.8	14.2
LEAD	1000	3900	NA	NA	NA	NA	NA	158 J	12.9 J	355 J	70.9 J	11.6 J	1280	75.1	1210 J	19.6 J	45.9	8550 J
MERCURY	2.8	5.7	NA	NA	NA	NA	NA	11.4 R	0.398 J	0.054 UJ	0.076 J	0.058 UJ	9820 J	99.7 J	161 J	5.4 J	0.05 U	0.053 UJ
ZINC	10000	10000	NA	NA	NA	NA	NA	636 J	93.8 J	10800 R	1010 R	38 R	10300	420	29800 J	79.5 J	40.6	27.6

SAMPLE LOCATION, MATRIX AND DEPTH	Commercial SCOs	Industrial SCOs	SR-231 6 - 8 ft.	PA-12 0 - 1 ft.	PA-13 0-1.0 ft	SR-313 1-2 ft	SR-313 12-13.1 ft	PB-6 0.9 - 4.0 ft	PB-6 14 - 16 ft	PB-17 12-16 ft.	PB-34 0.8 - 4.8 ft	STB-37 14 - 16 ft.	STB-39 0.9 - 4.9 ft.	STB-40 8.8 - 10.8 ft.	PB-21 4-6 ft.	DR-132 0.5 - 2 ft.	SMHB-1 0 - 4 ft.	SMHB-2 8 - 10 ft.
PCBS (PPM)																		
AROCLOR 1242	1	25	NA	NA	NA	7.28	0.54 U	0.1 U	0.1 U	0.1 U	NA	0.1 U	0.1 U	1.2	NA	0.1 U	0.0203 U	0.0233 U
AROCLOR 1248	1	25	NA	NA	NA	0.1 U	0.54 U	7.2	0.1 U	0.1 U	NA	0.1 U	0.1 U	0.1 U	NA	0.1 U	0.0203 U	0.0233 U
AROCLOR 1254	1	25	NA	NA	NA	2.69	0.54 U	0.1 U	0.1 U	0.1 U	NA	0.1 U	0.1 U	0.1 U	NA	1.6	0.0203 U	0.0233 U
SVOCS (PPM)																		
BENZO(A)PYRENE	1	1.1	NA	NA	NA	0.339 U	0.169 U	0.2 U	1.8	0.2 U	NA	0.3	0.2 U	0.4	NA	1.2 U	3.36 J	1.96 J
VOCS (PPM)																		
1,2,4-TRIMETHYLBENZENE	190	380	NA	NA	NA	1.31 U	0.0525	0.2 U	6.5	0.6	NA	934	10	8.7	NA	0.2 U	0.0105 UJ	0.00438 J
1,3,5-TRIMETHYLBENZENE	190	380	NA	NA	NA	1.31 U	0.0158 J	0.2 U	1.3	0.2	NA	346	4.6	2.6	NA	0.2 U	0.0105 UJ	0.0118 U
TRICHLOROETHENE	200	400	420	NA	NA	20.5	0.593	0.2 U	0.2 U	0.2 U	NA	2.3 U	0.2 U	0.2 U	NA	7.9	0.00352 J	0.0117 U
METALS (PPM)																		
ARSENIC	16	16	NA	NA	NA	2.9	3.6	1.4	2.2	1.5	NA	2.1	2.3	3.7	20.6 J	7.4	56 J	3.6
CADMIUM	9.3	60	NA	NA	NA	0.14 J	0.31 J	0.5 U	0.6 U	0.6 U	1.1 U	0.6 U	0.6 U	0.6 U	1.2	3.5	0.575 U	0.23 J
CHROMIUM	400	800	NA	1150	472	5.7	11.3	82.4	9.1	6.9	123	7.7	468	8	6.8	11.6	11.2 J	7.7 J
COPPER	270	10000	NA	NA	NA	17.2	18.4	46	2.5	1926.1	120	9.5	26.8	7.9	17.2	24.3	29.1 J	12.6 J
LEAD	1000	3900	NA	NA	NA	7050 J	8620 J	12	3.7 U	59.4	34.2	30.9	3.3 U	10.2	34.1 J	20.8	28.6 J	20.2 J
MERCURY	2.8	5.7	NA	NA	NA	0.046 UJ	0.051 UJ	0.11	0.06 U	0.06 U	0.3	0.3	0.1 U	0.1 U	0.052 U	0.3	0.108 U	0.096 J
ZINC	10000	10000	NA	1200	5880	25.7	35.4	203.7	28.8	52.6	13098	21.2	20.1	19.9	66.4 J	59.3	124 J	33.7 J

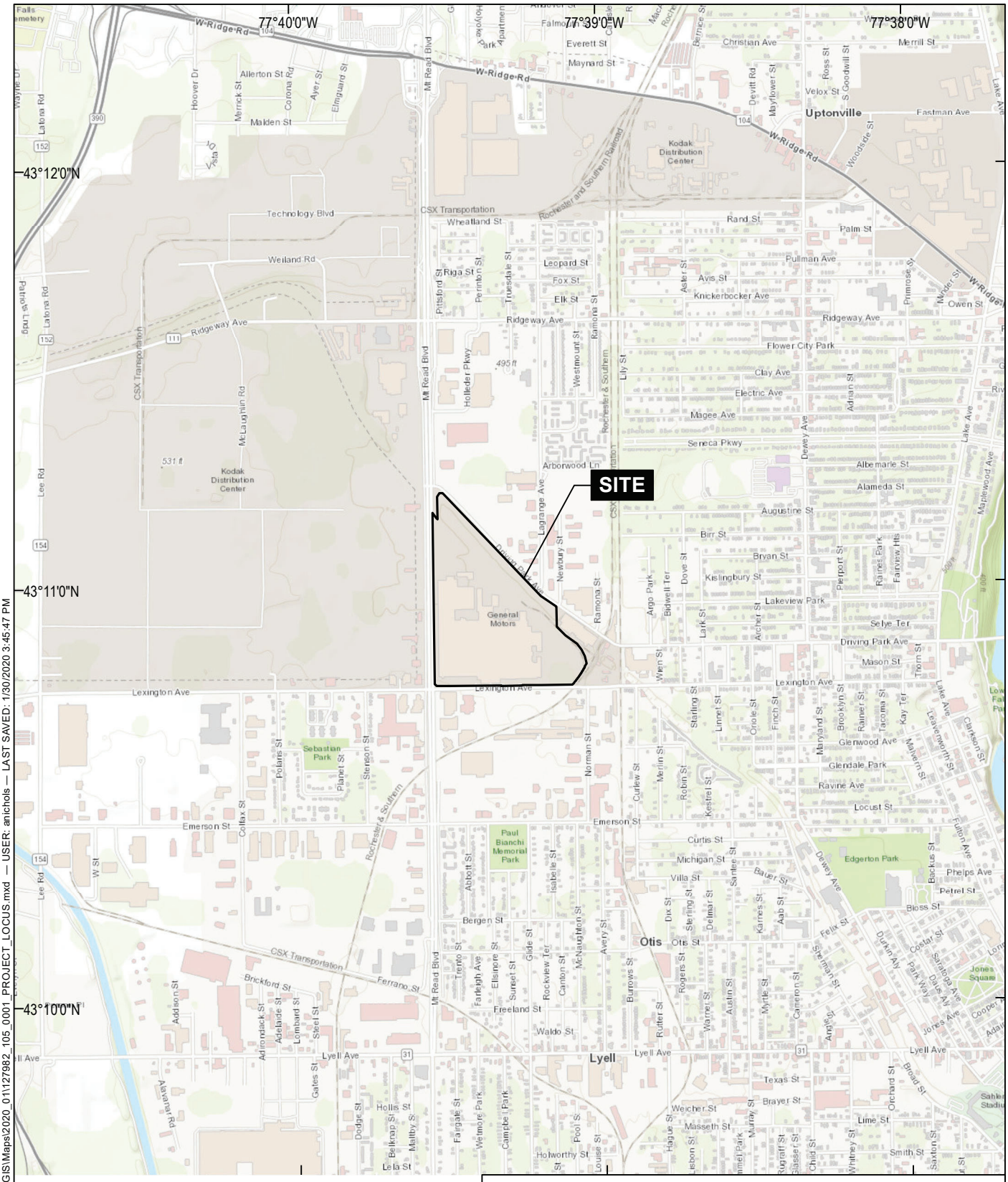
Notes:

1. **Bold** - Concentration greater than reporting limit.
2. SCOs- Soil Cleanup Objectives
3. RED - Concentration greater than Commercial SCOs.
4. Highlighted RED - Concentratioon greater than Industrial SCOs.
5. U - Parameter Not Detected.
6. ft. - Sample Depth below ground surface in feet.
7. J - Estimated Concentration.
8. UJ - Estimated Reporting Limit.
9. NA - Parameter Not Analyzed for this sample location.
10. PPM - parts per million or millgrams/ kilogram dry weight.
11. PCBs - Polychlorinated Biphenyl compounds.
12. VOCs - Volatile organic Compomounds
13. SVOCs - Semi Volatile Organic Compounds

FIGURES

Final Engineering Report

NYSDEC Site 828064



NY

N

MAP SOURCE: ESRI
SITE COORDINATES: 43°10'56"N, 77°39'22"W

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GMCH ROCHESTER FACILITY - FINAL ENGINEERING REPORT
1000 LEXINGTON AVENUE
ROCHESTER, NEW YORK

SITE LOCUS

APPROXIMATE SCALE: 1 IN = 2000 FT
JANUARY 2026

FIGURE 1

GIS FILE PATH: G:\Projects\70014\Global\GIS\Maps\2020_01\127982_105_0001_PROJECT_LOCUS.mxd — USER: anichols — LAST SAVED: 1/30/2020 3:45:47 PM

MT. READ BOULEVARD
(VARIABLE WIDTH PUBLIC R.O.W.)

LEXINGTON AVENUE
(VARIABLE WIDTH PUBLIC R.O.W.)

DRIVING PARK AVENUE
(VARIABLE WIDTH PUBLIC R.O.W.)

SYSTEM DISCHARGE PIPE

APPROXIMATE TREATMENT BUILDING

SANITARY SEWER

DISCHARGE PIPE FROM PUMP

LNAPL RECOVERY WELLS

LEGEND:

- PROPERTY LINE (PARCELS)
- OW-7 OVERBURDEN WELL
- SR-1 SHALLOW BEDROCK WELL
- R-107 INTERMEDIATE BEDROCK WELL
- DR-109 DEEP BEDROCK WELL
- WELL Z
- RW-3 RECOVERY WELL (FLOATING PRODUCT)
- GR-1 RECOVERY WELL (GROUNDWATER)
- PZ-111 PIEZOMETER
- LNAPL RECOVERY LOCATION
- OBJECTS IN ORANGE REPRESENT REMEDIATION FEATURES

NOTE:
ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.

0 100 200 300 400
SCALE IN FEET

GMCH ROCHESTER FACILITY - FINAL ENGINEERING REPORT
1000 LEXINGTON AVENUE
ROCHESTER, NEW YORK

SITE PLAN

SCALE: AS SHOWN
JANUARY 2026

FIGURE 2

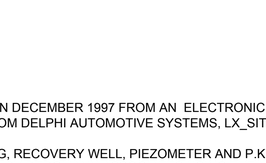
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ERVIN, DAYNA
\\HALEYALDRICH.COM\SHARE\ROC_COMMON\127982_GMCH LEXINGTON\2020\CAD\127982-009-E010.DWG

LEGEND:

- MONITORING WELL
- GROUNDWATER CONTOURS - MAY 2012

NOTES:

1. BASE MAP PREPARED IN DECEMBER 1997 FROM AN ELECTRONIC COPY OF A DRAWING DERIVED FROM DELPHI AUTOMOTIVE SYSTEMS, LX_SITE, UNDATED.
2. PREVIOUS MONITORING, RECOVERY WELL, PIEZOMETER AND P.K. NAIL LOCATIONS SURVEYED BY BERGMANN ASSOCIATES USING THE NORTHING AND EASTING GRID FOR THE SITE PREPARED BY LOCKWOOD SUPPORT SERVICES, INC. LOCATIONS OF WELLS SHOWN ON THIS PLAN HAVE BEEN ADJUSTED WHERE NECESSARY TO MAKE LOCATIONS OF THE WELLS CORRESPOND WITH LOCATIONS OF SITE FEATURES SHOWN ON THE MAP. ALL WELL LOCATIONS ARE APPROXIMATE.
3. LOCATIONS SHOWN FOR WELLS SR-11, R-11, DR-11, SR-103, R-103, DR-103, PZ-122, PZ-125, SR-308 AND R-308 ARE APPROXIMATED RELATIVE TO FENCELINES. LOCATION OF WELL SR-318 IS APPROXIMATED RELATIVE TO BUILDING WALL. ACTUAL SURVEY COORDINATES DIFFER.



0 160 320 480 640

SCALE IN FEET

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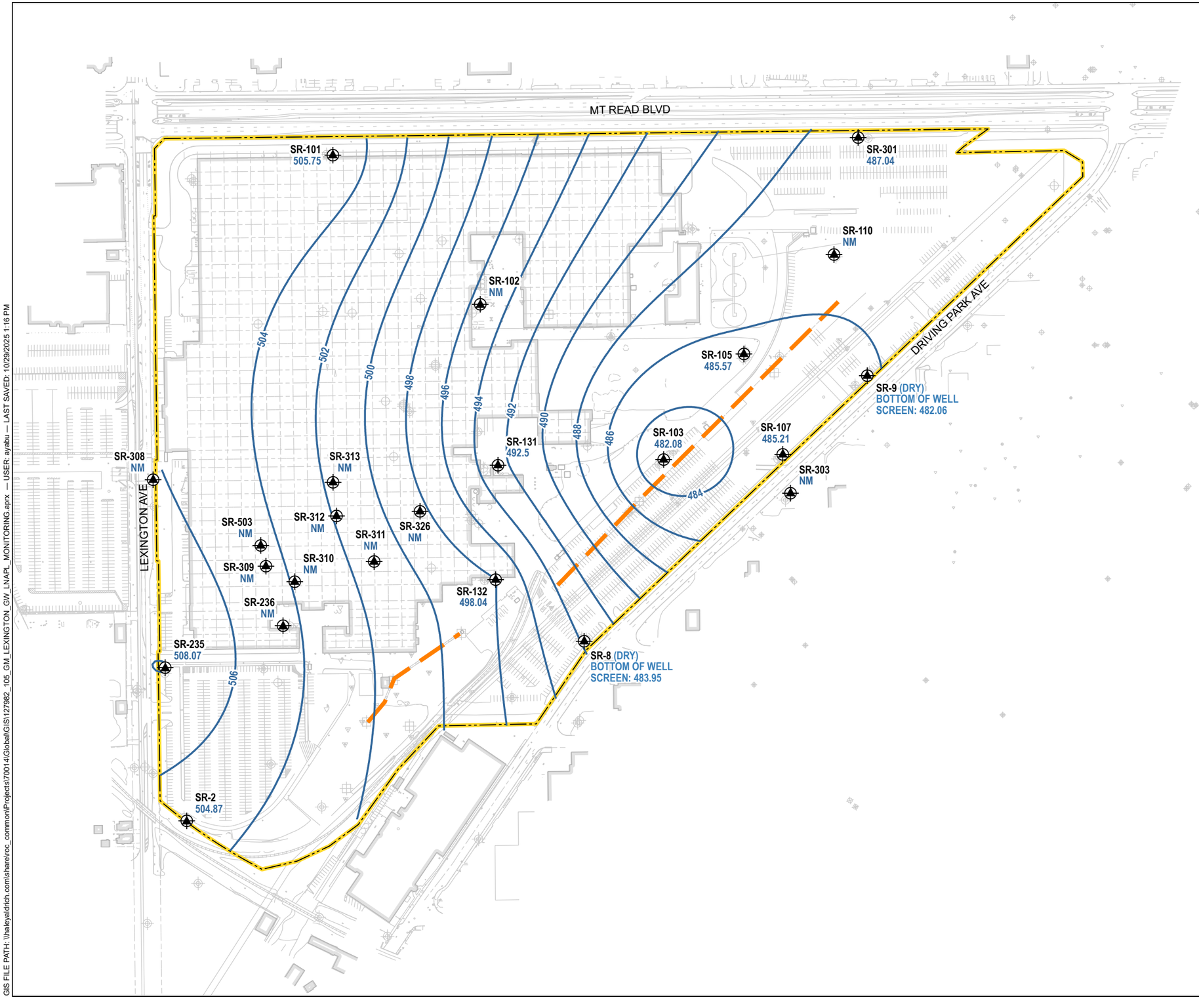
FORMER DELPHI AUTOMOTIVE SYSTEMS SITE 1000 LEXINGTION AVENUE
ROCHESTER, NEW YORK

PRE- REMEDIAL ACTION GROUNDWATER CONTOURS INTERMEDIATE ZONE

JANUARY 2026

FIGURE 3

G:\70014\ACAD\DRAWINGS\CONTOURS\70014-GW-CONTOURS-2012-05-R1.DWG



LEGEND

- MONITORING WELL WITH GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- GROUNDWATER ELEVATION CONTOUR, IN FEET ABOVE MEAN SEA LEVEL
- BLASTED BEDROCK TRENCH
- SITE BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. WATER LEVELS MEASURED JULY 8, 2025.
3. NM = NOT MEASURED
4. BASE MAP SOURCE: DELPHI AUTOMOTIVE SYSTEMS

N

0 300 600
SCALE IN FEET

HALEY ALDRICH

GMCH ROCHESTER - SITE MANAGEMENT PLAN
1000 LEXINGTON AVENUE
ROCHESTER, NEW YORK

POST-REMEDIAL ACTION GROUNDWATER CONTOURS INTERMEDIATE ZONE

JANUARY 2026

FIGURE 4

GIS FILE PATH: \\haleyaldrich.com\share\roc_common\Projects\70014\Global\GIS\127982_105_GM_LEXINGTON_GW_LNAPL_MONITORING.aprx — USER: ayabu — LAST SAVED: 10/29/2025 1:16 PM

SUCTION PIT #3
AT COLUMN G7

SUCTION PIT #1
AT COLUMN E21

SUCTION PIT #4
AT COLUMN L23

SUCTION PIT #5
AT COLUMN G31

SUCTION PIT #6
AT EASTERN WALL, BETWEEN W17 & W19

SUCTION PIT #2
AT COLUMN R29

LEGEND

- COLUMN LINE
- INSTALLED SUCTION PITS (SP-1, SP-2; SP-3, SP-4 SP-5 & SP-6)
- INSTALLED PILOT TEST VACUUM MONITORING POINT LOCATIONS
- ADDITIONAL LONG TERM VACUUM MONITORING POINT LOCATIONS
- PIT OR VAULT THAT EXTENDS BELOW THE FLOOR
- RESTRICTED AREA DUE TO OPERATIONS (E.G., CRANE)

HALEY ALDRICH

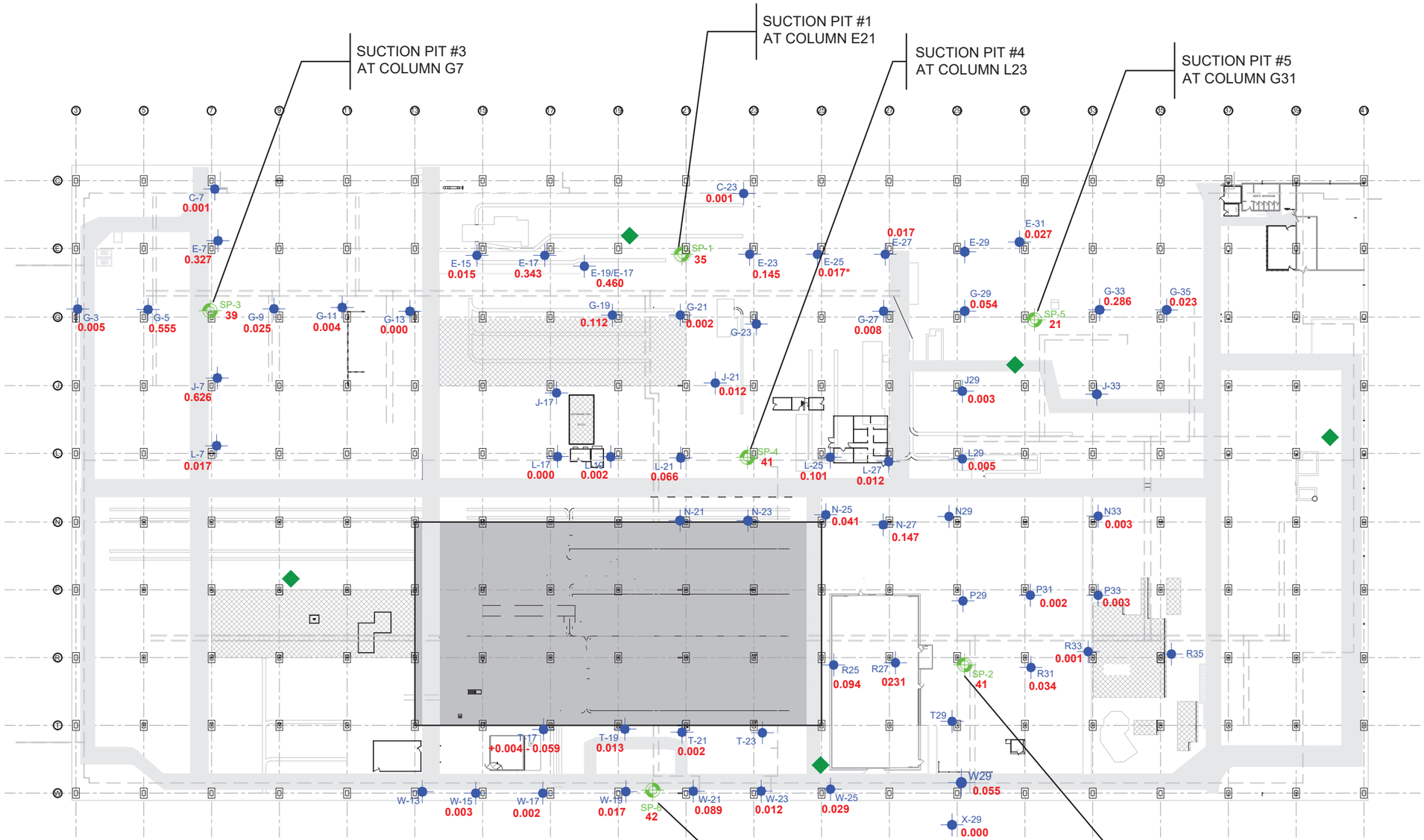
DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064
FINAL ENGINEERING REPORT
1000 LEXINGTON AVENUE
ROCHESTER, NEW YORK

BUILDING 1 SUB-SLAB DEPRESSURIZATION SYSTEM LAYOUT

SCALE: AS SHOWN
JANUARY 2026

FIGURE 5

SANGER, JONATHAN Printed: 7/12/2021 3:57 PM Layout: SITE FIG 1
\\HALEYALDRICH.COM\SHARE\ROC_COMMON\PROJECTS\700141119 - SVI WORK PLAN 2014\CAD\SSD PILOT TEST REPORT 2015\127982_014_SSDS CONTOUR MAP.DWG



LEGEND

- COLUMN LINE
- SUCTION PITS (SP-1, SP-2, SP-3, SP-4, SP-5, SP-6)
- INSTALLED VACUUM MONITORING POINT LOCATIONS
- INDOOR AIR AND SUB-SLAB VAPOR SAMPLE
- 0.001 — READINGS COLLECTED ON 14 AUGUST 2020
- PIT OR VAULT THAT EXTENDS BELOW THE FLOOR
- RESTRICTED AREA DUE TO OPERATIONS (E.G., CRANE)

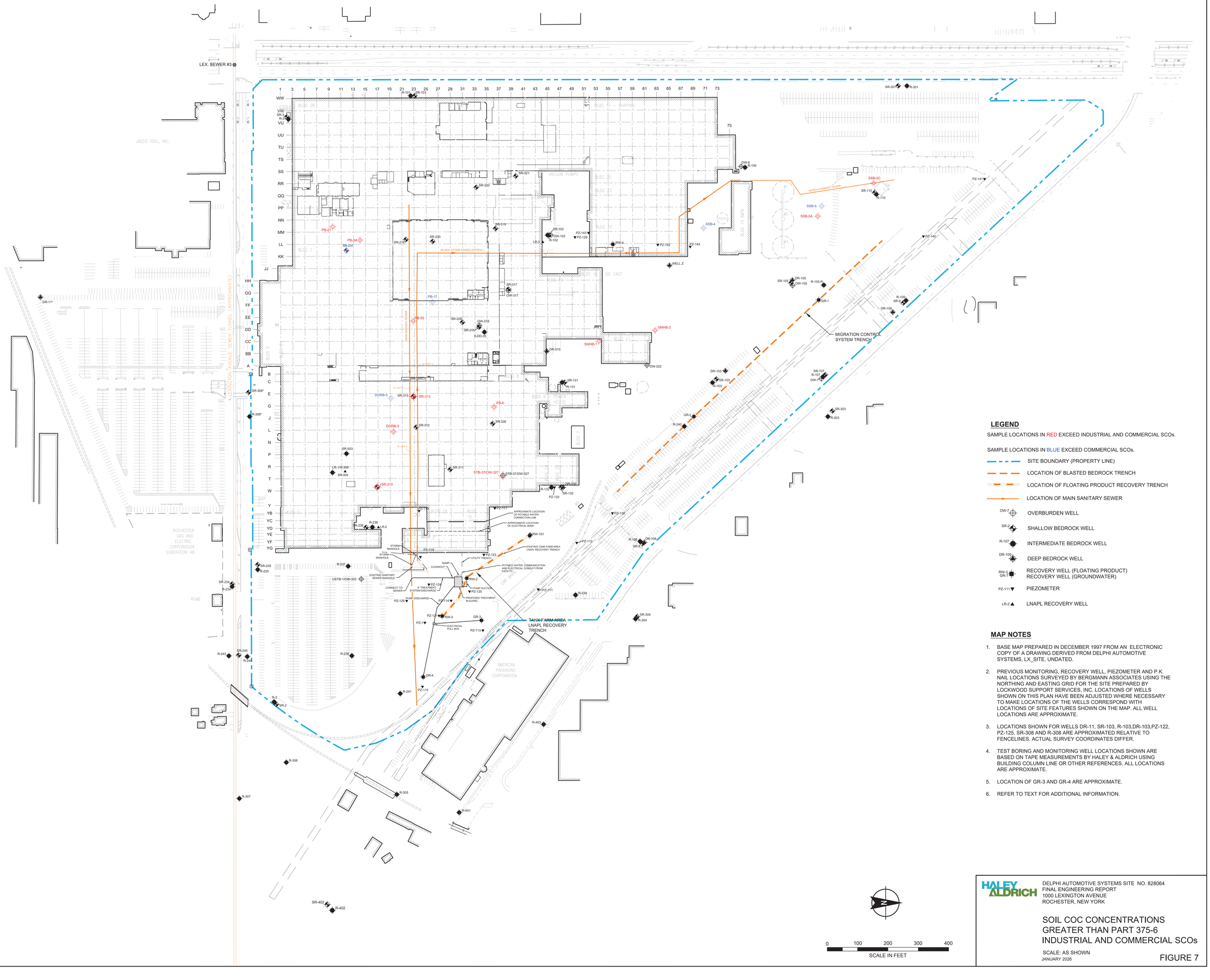
DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064
FINAL ENGINEERING REPORT
1000 LEXINGTON AVENUE
ROCHESTER, NEW YORK

SSDS VACUUM MONITORING MEASUREMENTS

SCALE: AS SHOWN
JANUARY 2026

FIGURE 6

ERVIN, DAYNA Printed: 3/25/2022 8:23 AM Layout: SITE FIG 1
\\HALEYALDRICH.COM\SHARE\ROC_COMMON\PROJECTS\700141119 - SVI WORK PLAN 2014\CAD\SSD PILOT TEST REPORT 2015\127982_101_0001 VACUUM MONITORING LOCS.DWG


LEX. SEWER #3
LEXINGTON AVENUE SEWER TUNNEL (APPROXIMATE)
JASCO TOOL, INC.
ROCHESTER GAS AND ELECTRIC CORPORATION SUBSTATION 48
RG&E
AMERICAN PACKAGING CORPORATION
BLDG 2B
BLDG 2
BLDG 3
BLDG 4
BLDG 5
BLDG 6
BLDG 7
BLDG 8
BLDG 9
BLDG 10
BLDG 11 - DIE CAST
BLDG 12
BLDG 13
BLDG 14 AMFA
BLDG 15
BLDG 16
BLDG 17 - SHIPPING
BLDG 18
BLDG 20
BLDG 23
VACUUM PUMPS
48 INCH STORM SEWER (APPROX.)
MAIN SANITARY SEWER
8 INCH COMBINED SEWER
STORM MANHOLE
EXISTING SANITARY SEWER MANHOLE
CLEANOUT
RAMP
UTILITY TRENCH
APPROXIMATE LOCATION OF POTABLE WATER CONNECTION LINE
APPROXIMATE LOCATION OF ELECTRICAL BANK
EXISTING TANK FARM AREA LNAPL RECOVERY TRENCH
POTABLE WATER, COMMUNICATION AND ELECTRICAL CONDUIT FROM FACILITY
CONNECT TO SEWER
4" TREATMENT SYSTEM DISCHARGE
PUMP SUCTION
PUMP DISCHARGE
PROPOSED TREATMENT BUILDING
ELECTRICAL PULL BOX
MIGRATION CONTROL SYSTEM TRENCH
TANK FARM AREA LNAPL RECOVERY TRENCH
SMHB-1
SMHB-2
PB-6
PB-17
PB-21
PB-34
PB-35
SSB-4
SSB-5
SSB-5A
SSB-5C
DGRB-3
DGRB-5
RW-1
RW-2
RW-3
RW-4
RW-101
GR-2
GR-3
GR-4
LR-1
LR-2
LR-3
STB-37/OW-327
USTB-1/OW-323
6-DD-33
SR-101
R-101
SR-102
R-102
SR-103
R-103
SR-105
DR-105
OW-105
R-105-R
SR-106
R-106
SR-107
R-107
OW-7
SR-108
R-108
DR-108
SR-109
R-109
DR-109
SR-110
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SR-111
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SR-316
OW-316
SR-317
OW-317
SR-319
SR-320
SR-321
SR-326
SR-401
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SR-402
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SR-403
R-403
SR-503
R-503
DR-11"
DR-103
DR-107
DR-315
OW-322
PZ-1
PZ-111
PZ-112
PZ-113
PZ-114
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PZ-142
PZ-143
PZ-144
WELL Z
LR-1/R-309
STB-37/OW-327
R-132
R-135
R-236
LR-2
R-2
SR-2
R-307
R-306
R-305
R-401
R-402
R-403
R-304
R-303
R-240
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R-1
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R-239
R-301
R-303



LEGEND

- SITE FENCE LINE
- SITE BOUNDARY
- ASPHALT
- GRAVEL
- LAWN

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. AWTA = AUXILLARY WASTE TREATMENT AREA
3. EWTA: EAST SIDE WASTE TREATMENT AREA
4. BASE MAP SOURCE: NEARMAP, DECEMBER 2021

N

0 325 650

SCALE IN FEET

HALEY ALDRICH

DELPHI AUTOMOTIVE SYSTEMS SITE NO.828064- FINAL ENGINEERING REPORT

1000 LEXINGTON AVENUE
ROCHESTER, NEW YORK

SURFACE SOIL COVER SYSTEM

JANUARY 2026

FIGURE 8

GIS FILE PATH: G:\Projects\70014\Global\GIS\Maps\2022_09\127982_004_0001_SURF_SOIL_COVER_SYSTEM.mxd — USER: kbartlett — LAST SAVED: 9/30/2022 3:04:28 PM

APPENDICES

Final Engineering Report

NYSDEC Site 828064

APPENDIX A – SURVEY MAP, METES AND BOUNDS

Legal Description 86.701± Acres

Job No. M-4366

ALL THAT TRACT OR PARCEL OF LAND situate in the City of Rochester, County of Monroe, State of New York and being part of Town Lot 72 of the 20,000 Acre Tract, bounded and described as follows: BEGINNING AT A POINT on the easterly line of Mt. Read Boulevard (variable width R.O.W.) where the same is intersected by the northerly line of Lexington Avenue (variable width R.O.W.), and from said beginning point running thence:

RUNNING THENCE the following courses along the easterly line of Mt. Read Boulevard:

1. N-00° -28'-03"-W a distance of 2471.63 feet to a point;
2. S-36°-37'-11"-E a distance of 91.38 feet to a point;
3. S-42°-24'-06"-E a distance of 12.01 feet to a point;
4. N-00°-56'-03"-W a distance of 328.51 feet to a point;
5. N-31°-32'-13"-E a distance of 65.19 feet to a point;
6. N-89°-03'-57"-E a distance of 45.02 feet to a point on the southwesterly line of Driving Park Avenue (variable width R.O.W.);
7. S-43°-30'-22"-E, along said Driving Park Avenue, a distance of 2069.0 feet to a point;
8. S-55°-41'-18"-E, continuing along said Driving Park Avenue, a distance of 273.02 feet to a point;

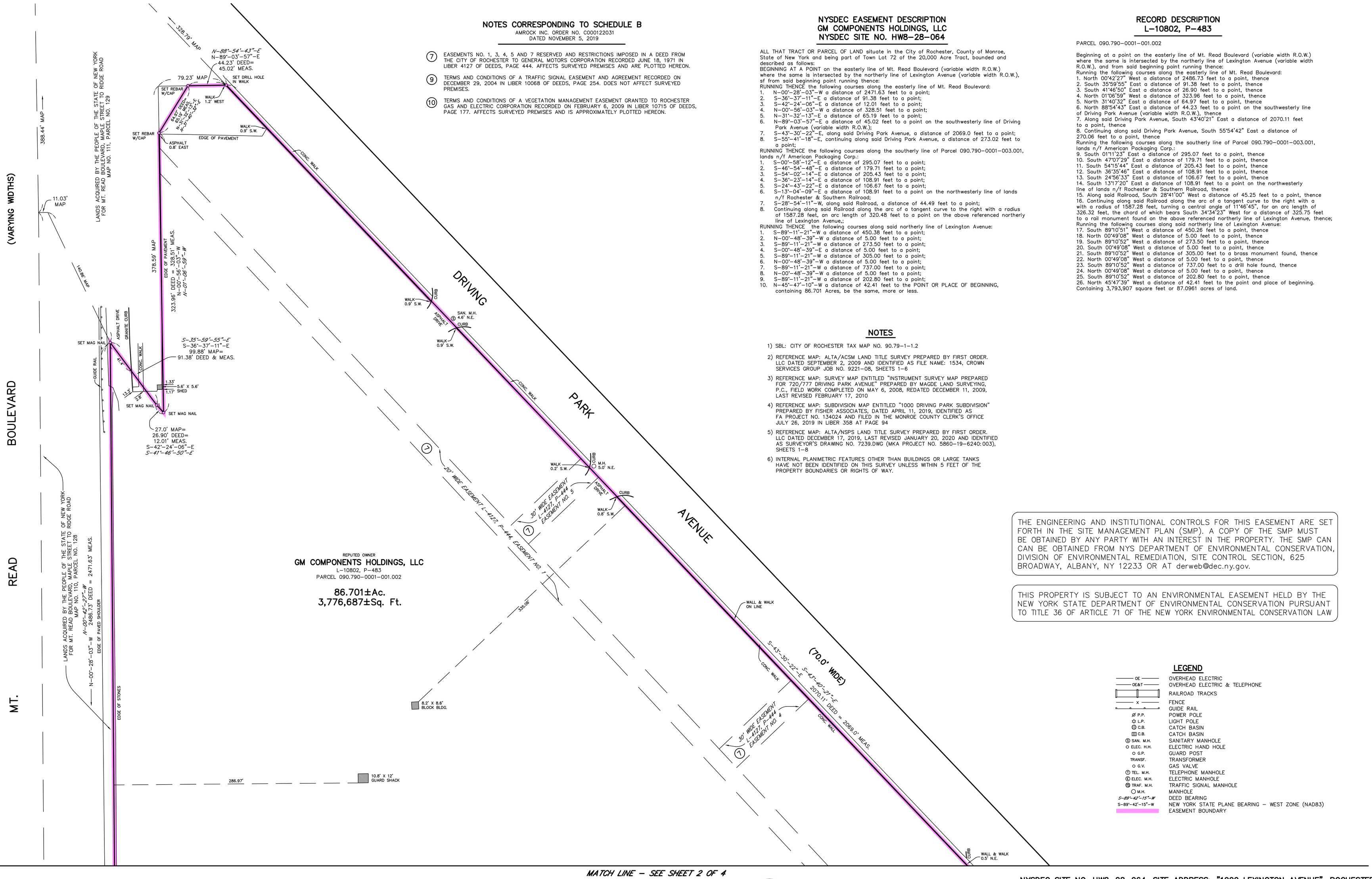
RUNNING THENCE the following courses along the southerly line of Parcel 090.790-0001-003.001, lands n/f American Packaging Corp.:

1. S-00°-58'-12"-E a distance of 295.07 feet to a point;
2. S-46°-54'-48"-E a distance of 179.71 feet to a point;
3. S-54°-02'-14"-E a distance of 205.43 feet to a point;
4. S-36°-23'-14"-E a distance of 108.91 feet to a point;
5. S-24°-43'-22"-E a distance of 106.67 feet to a point;
6. S-13°-04'-09"-E a distance of 108.91 feet to a point on the northwesterly line of lands n/f Rochester & Southern Railroad;
7. S-28°-54'-11"-W, along said Railroad, a distance of 44.49 feet to a point;
8. Continuing along said Railroad along the arc of a tangent curve to the right with a radius of 1587.28 feet, an arc length of 320.48 feet to a point on the above referenced northerly line of Lexington Avenue,;

RUNNING THENCE the following courses along said northerly line of Lexington Avenue:

1. S-89°-11'-21"-W a distance of 450.38 feet to a point;
2. N-00°-48'-39"-W a distance of 5.00 feet to a point;

3. S-89°-11'-21"-W a distance of 273.50 feet to a point;
4. S-00°-48'-39"-E a distance of 5.00 feet to a point;
5. S-89°-11'-21"-W a distance of 305.00 feet to a point;
6. N-00°-48'-39"-W a distance of 5.00 feet to a point;
7. S-89°-11'-21"-W a distance of 737.00 feet to a point;
8. N-00°-48'-39"-W a distance of 5.00 feet to a point;
9. S-89°-11'-21"-W a distance of 202.80 feet to a point;
10. N-45°-47'-10"-W a distance of 42.41 feet to the POINT OR PLACE OF BEGINNING, containing 86.701 Acres, be the same, more or less.



NOTES CORRESPONDING TO SCHEDULE B

AMROCK INC. ORDER NO. C000122031
DATED NOVEMBER 5, 2019

(7) EASEMENTS NO. 1, 3, 4, 5 AND 7 RESERVED AND RESTRICTIONS IMPOSED IN A DEED FROM THE CITY OF ROCHESTER TO GENERAL MOTORS CORPORATION RECORDED JUNE 18, 1971 IN LIBER 4127 OF DEEDS, PAGE 444. AFFECTS SURVEYED PREMISES AND ARE PLOTTED HEREON.

(9) TERMS AND CONDITIONS OF A TRAFFIC SIGNAL EASEMENT AND AGREEMENT RECORDED ON DECEMBER 29, 2004 IN LIBER 10068 OF DEEDS, PAGE 254. DOES NOT AFFECT SURVEYED PREMISES.

(10) TERMS AND CONDITIONS OF A VEGETATION MANAGEMENT EASEMENT GRANTED TO ROCHESTER GAS AND ELECTRIC CORPORATION RECORDED ON FEBRUARY 6, 2009 IN LIBER 10715 OF DEEDS, PAGE 177. AFFECTS SURVEYED PREMISES AND IS APPROXIMATELY PLOTTED HEREON.

NYSDEC EASEMENT DESCRIPTION
GM COMPONENTS HOLDINGS, LLC
NYSDEC SITE NO. HW8-28-064

ALL THAT TRACT OR PARCEL OF LAND situate in the City of Rochester, County of Monroe, State of New York and being part of Town Lot 72 of the 20,000 Acre Tract, bounded and described as follows:
BEGINNING AT A POINT on the easterly line of Mt. Read Boulevard (variable width R.O.W.) where the same is intersected by the northerly line of Lexington Avenue (variable width R.O.W.), sf from said beginning point running thence:
RUNNING THENCE the following courses along the easterly line of Mt. Read Boulevard:
1. N-00°-28'-03"-W a distance of 2471.63 feet to a point;
2. S-36°-37'-11"-E a distance of 91.38 feet to a point;
3. S-42°-24'-06"-E a distance of 12.01 feet to a point;
4. N-00°-56'-03"-W a distance of 328.51 feet to a point;
5. N-31°-32'-13"-E a distance of 65.19 feet to a point;
6. N-89°-03'-57"-E a distance of 45.02 feet to a point on the southwesterly line of Driving Park Avenue (variable width R.O.W.);
7. S-43°-30'-22"-E, along said Driving Park Avenue, a distance of 2069.0 feet to a point;
8. S-55°-41'-18"-E, continuing along said Driving Park Avenue, a distance of 273.02 feet to a point;

RUNNING THENCE the following courses along the southerly line of Parcel 090.790-0001-003.001, lands n/f American Packaging Corp.:
1. S-00°-58'-12"-E a distance of 295.07 feet to a point;
2. S-46°-54'-48"-E a distance of 179.71 feet to a point;
3. S-54°-02'-14"-E a distance of 205.43 feet to a point;
4. S-36°-23'-14"-E a distance of 108.91 feet to a point;
5. S-24°-43'-22"-E a distance of 106.67 feet to a point;
6. S-13°-04'-09"-E a distance of 108.91 feet to a point on the northwesterly line of lands n/f Rochester & Southern Railroad;
7. S-28°-54'-11"-W, along said Railroad, a distance of 44.49 feet to a point;
8. Continuing along said Railroad along the arc of a tangent curve to the right with a radius of 1587.28 feet, an arc length of 320.48 feet to a point on the above referenced northerly line of Lexington Avenue;;

RUNNING THENCE the following courses along said northerly line of Lexington Avenue:
1. S-89°-11'-21"-W a distance of 450.38 feet to a point;
2. N-00°-48'-39"-W a distance of 5.00 feet to a point;
3. S-89°-11'-21"-W a distance of 273.50 feet to a point;
4. S-00°-48'-39"-E a distance of 5.00 feet to a point;
5. S-89°-11'-21"-W a distance of 305.00 feet to a point;
6. N-00°-48'-39"-W a distance of 5.00 feet to a point;
7. S-89°-11'-21"-W a distance of 737.00 feet to a point;
8. N-00°-48'-39"-W a distance of 5.00 feet to a point;
9. S-89°-11'-21"-W a distance of 202.80 feet to a point;
10. N-45°-47'-10"-W a distance of 42.41 feet to the POINT OR PLACE OF BEGINNING, containing 86.701 Acres, be the same, more or less.

RECORD DESCRIPTION
L-10802, P-483

PARCEL 090.790-0001-001.002

Beginning at a point on the easterly line of Mt. Read Boulevard (variable width R.O.W.) where the same is intersected by the northerly line of Lexington Avenue (variable width R.O.W.), and from said beginning point running thence:
Running the following courses along the easterly line of Mt. Read Boulevard:
1. North 00°42'27" West a distance of 2486.73 feet to a point, thence
2. South 35°59'55" East a distance of 91.38 feet to a point, thence
3. South 41°46'50" East a distance of 26.90 feet to a point, thence
4. North 01°06'59" West a distance of 323.96 feet to a point, thence
5. North 31°40'32" East a distance of 64.97 feet to a point, thence
6. North 88°54'43" East a distance of 44.23 feet to a point on the southwesterly line of Driving Park Avenue (variable width R.O.W.), thence
7. Along said Driving Park Avenue, South 43°40'21" East a distance of 2070.11 feet to a point, thence
8. Continuing along said Driving Park Avenue, South 55°54'42" East a distance of 270.06 feet to a point, thence

Running the following courses along the southerly line of Parcel 090.790-0001-003.001, lands n/f American Packaging Corp.:
9. South 01°11'23" East a distance of 295.07 feet to a point, thence
10. South 47°07'29" East a distance of 179.71 feet to a point, thence
11. South 54°15'44" East a distance of 205.43 feet to a point, thence
12. South 36°35'46" East a distance of 108.91 feet to a point, thence
13. South 24°56'33" East a distance of 106.67 feet to a point, thence
14. South 13°17'20" East a distance of 108.91 feet to a point on the northwesterly line of lands n/f Rochester & Southern Railroad, thence
15. Along said Railroad, South 28°41'00" West a distance of 45.25 feet to a point, thence
16. Continuing along said Railroad along the arc of a tangent curve to the right with a with a radius of 1587.28 feet, turning a central angle of 11°46'45", for an arc length of 326.32 feet, the chord of which bears South 34°34'23" West for a distance of 325.75 feet to a rail monument found on the above referenced northerly line of Lexington Avenue, thence;

Running the following courses along said northerly line of Lexington Avenue:
17. South 89°10'51" West a distance of 450.26 feet to a point, thence
18. North 00°49'08" West a distance of 5.00 feet to a point, thence
19. South 89°10'52" West a distance of 273.50 feet to a point, thence
20. South 00°49'08" West a distance of 5.00 feet to a point, thence
21. South 89°10'52" West a distance of 305.00 feet to a brass monument found, thence
22. North 00°49'08" West a distance of 5.00 feet to a point, thence
23. South 89°10'52" West a distance of 737.00 feet to a drill hole found, thence
24. North 00°49'08" West a distance of 5.00 feet to a point, thence
25. South 89°10'52" West a distance of 202.80 feet to a point, thence
26. North 45°47'39" West a distance of 42.41 feet to the point and place of beginning.

Containing 3,793,907 square feet or 87.0961 acres of land.

NOTES

1) SBL: CITY OF ROCHESTER TAX MAP NO. 90.79-1-1.2
2) REFERENCE MAP: ALTA/ACSM LAND TITLE SURVEY PREPARED BY FIRST ORDER. LLC DATED SEPTEMBER 2, 2009 AND IDENTIFIED AS FILE NAME: 1534, CROWN SERVICES GROUP JOB NO. 9221-08, SHEETS 1-6
3) REFERENCE MAP: SURVEY MAP ENTITLED "INSTRUMENT SURVEY MAP PREPARED FOR 720/777 DRIVING PARK AVENUE" PREPARED BY MAGDE LAND SURVEYING, P.C., FIELD WORK COMPLETED ON MAY 6, 2008, REDATED DECEMBER 11, 2009, LAST REVISED FEBRUARY 17, 2010
4) REFERENCE MAP: SUBDIVISION MAP ENTITLED "1000 DRIVING PARK SUBDIVISION" PREPARED BY FISHER ASSOCIATES, DATED APRIL 11, 2019, IDENTIFIED AS FA PROJECT NO. 134024 AND FILED IN THE MONROE COUNTY CLERK'S OFFICE JULY 26, 2019 IN LIBER 358 AT PAGE 94
5) REFERENCE MAP: ALTA/NSPS LAND TITLE SURVEY PREPARED BY FIRST ORDER. LLC DATED DECEMBER 17, 2019, LAST REVISED JANUARY 20, 2020 AND IDENTIFIED AS SURVEYOR'S DRAWING NO. 7239.DWG (MKA PROJECT NO. 5860-19-6240:003), SHEETS 1-8
6) INTERNAL PLANIMETRIC FEATURES OTHER THAN BUILDINGS OR LARGE TANKS HAVE NOT BEEN IDENTIFIED ON THIS SURVEY UNLESS WITHIN 5 FEET OF THE PROPERTY BOUNDARIES OR RIGHTS OF WAY.

THE ENGINEERING AND INSTITUTIONAL CONTROLS FOR THIS EASEMENT ARE SET FORTH IN THE SITE MANAGEMENT PLAN (SMP). A COPY OF THE SMP MUST BE OBTAINED BY ANY PARTY WITH AN INTEREST IN THE PROPERTY. THE SMP CAN CAN BE OBTAINED FROM NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DIVISION OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION, 625 BROADWAY, ALBANY, NY 12233 OR AT derweb@dec.ny.gov.

THIS PROPERTY IS SUBJECT TO AN ENVIRONMENTAL EASEMENT HELD BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION PURSUANT TO TITLE 36 OF ARTICLE 71 OF THE NEW YORK ENVIRONMENTAL CONSERVATION LAW

LEGEND

OE	OVERHEAD ELECTRIC
OE&T	OVERHEAD ELECTRIC & TELEPHONE
	RAILROAD TRACKS
X	FENCE
	GUIDE RAIL
P.P.	POWER POLE
L.P.	LIGHT POLE
C.B.	CATCH BASIN
C.B.	CATCH BASIN
SAN. M.H.	SANITARY MANHOLE
ELEC. H.H.	ELECTRIC HAND HOLE
G.P.	GUARD POST
TRANSF.	TRANSFORMER
G.V.	GAS VALVE
TEL. M.H.	TELEPHONE MANHOLE
ELEC. M.H.	ELECTRIC MANHOLE
TRAF. M.H.	TRAFFIC SIGNAL MANHOLE
M.H.	MANHOLE
S-89°-42'-15"-W	DEED BEARING
S-89°-42'-15"-W	NEW YORK STATE PLANE BEARING - WEST ZONE (NAD83)
	EASEMENT BOUNDARY

MATCH LINE - SEE SHEET 2 OF 4

GRAPHIC SCALE
(IN METERS)
12 0 6 12 24 36 48 60
1 : 600

GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

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NOTE: THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OF TITLE AND IS SUBJECT TO ANY STATE OF FACTS THAT MAY BE REVEALED BY AN EXAMINATION OF SUCH.

NOTE: UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY IS A VIOLATION OF SECTION 7209, PROVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

RESURVEY	REVISION

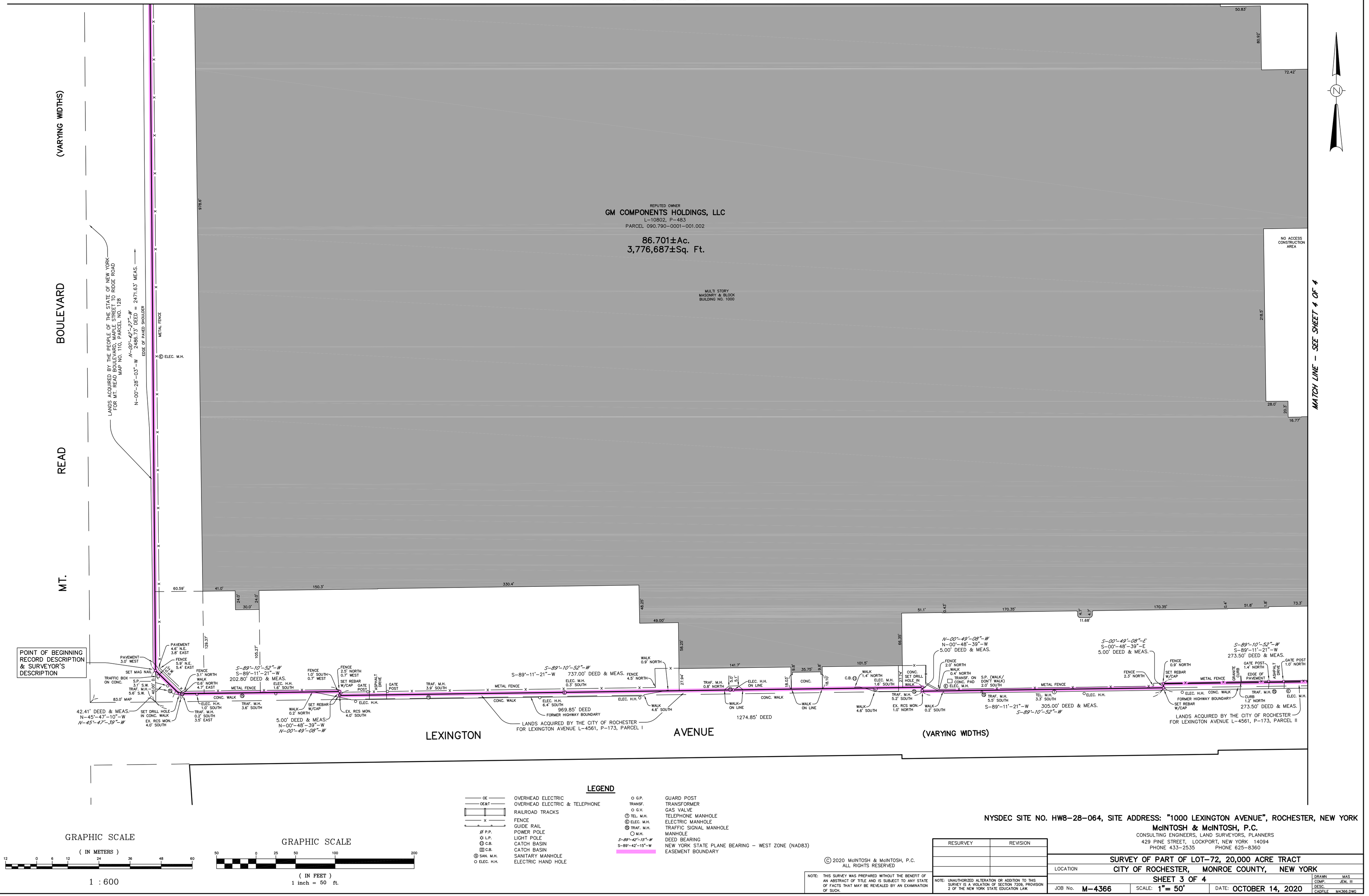
NYSDEC SITE NO. HW8-28-064, SITE ADDRESS: "1000 LEXINGTON AVENUE", ROCHESTER, NEW YORK

McINTOSH & McINTOSH, P.C.
CONSULTING ENGINEERS, LAND SURVEYORS, PLANNERS
429 PINE STREET, LOCKPORT, NEW YORK 14094
PHONE 433-2535 PHONE 625-8360

SURVEY OF PART OF LOT-72, 20,000 ACRE TRACT
LOCATION: CITY OF ROCHESTER, MONROE COUNTY, NEW YORK
SHEET 1 OF 4

JOB No.	SCALE	DATE	DRAWN	COMP.	DESC.	CADFILE
M-4366	1"= 50'	OCTOBER 14, 2020	MAS	JEM, III		M4366.DWG

MATCH LINE – SEE SHEET 2 OF 4



LEGEND

OE	OVERHEAD ELECTRIC
OE&T	OVERHEAD ELECTRIC & TELEPHONE
	RAILROAD TRACKS
X	FENCE
	GUIDE RAIL
Ø P.P.	POWER POLE
☼ L.P.	LIGHT POLE
C.B.	CATCH BASIN
C.B.	CATCH BASIN
S SAN. M.H.	SANITARY MANHOLE
O ELEC. H.H.	ELECTRIC HAND HOLE
O G.P.	GUARD POST
TRANSF.	TRANSFORMER
O G.V.	GAS VALVE
T TEL. M.H.	TELEPHONE MANHOLE
E ELEC. M.H.	ELECTRIC MANHOLE
S TRAF. M.H.	TRAFFIC SIGNAL MANHOLE
M.H.	MANHOLE
S-89°-42'-15"-W	DEED BEARING
S-89°-42'-15"-W	NEW YORK STATE PLANE BEARING – WEST ZONE (NAD83)
	EASEMENT BOUNDARY

GRAPHIC SCALE (IN METERS)
12 0 6 12 24 36 48 60
1 : 600

GRAPHIC SCALE (IN FEET)
50 0 25 50 100 200
1 inch = 50 ft.

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ALL RIGHTS RESERVED

NOTE: THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OF TITLE AND IS SUBJECT TO ANY STATE OF FACTS THAT MAY BE REVEALED BY AN EXAMINATION OF SUCH.

NOTE: UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY IS A VIOLATION OF SECTION 7209, PROVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

RESURVEY	REVISION

NYSDEC SITE NO. HW8-28-064, SITE ADDRESS: "1000 LEXINGTON AVENUE", ROCHESTER, NEW YORK

McINTOSH & McINTOSH, P.C.
CONSULTING ENGINEERS, LAND SURVEYORS, PLANNERS
429 PINE STREET, LOCKPORT, NEW YORK 14094
PHONE 433-2535 PHONE 625-8360

SURVEY OF PART OF LOT-72, 20,000 ACRE TRACT

LOCATION: CITY OF ROCHESTER, MONROE COUNTY, NEW YORK

SHEET 3 OF 4

JOB No. M-4366 | SCALE: 1"= 50' | DATE: OCTOBER 14, 2020

DRAWN: MAS
COMP.: JEM, III
DESC.:
CADFILE: M4366.DWG

MATCH LINE – SEE SHEET 1 OF 4

BOULEVARD (VARYING WIDTHS)

MT. READ

2665.64± MAP

LANDS ACQUIRED BY THE PEOPLE OF THE STATE OF NEW YORK FOR MT. READ BOULEVARD AND MAIDEN LANE STREET TO RIDGE ROAD MAP NO. 110, PARCEL NO. 128

2511.47' MAP
N–00°–42'–27"–W
2486.73' DEED = 2471.63' MEAS.
EDGE OF PAVED SHOULDER

METAL FENCE

EDGE OF STONES

C.B. 0.2' EAST

GATE POST

FENCE 3.8' EAST

TANK

TANK

TANK

329.76'

238.1'

13.8'

4.05'

62.96'

1 STORY MASONRY BUILDING

98.45'

0.45'

153.8'

83.0'

40.5'

88.8'

TANK

10.5'

9.5'

16.6'

112.2'

11.4'

60.1'

50.8'

53.90'

123.8'

45.5'

98.9'

119.2'

0.3'

123.1'

420.2'

MULTI STORY MASONRY & BLOCK BUILDING NO. 1000

322.6'

1.45'

2.39'

1.0'

130.2'

7.65'

35.9'

7.5'

115.5'

156.9'

41.7'

3.6'

42.4'

15.35'

2.55'

39.53'

27.8'

78.7'

179.18'

105.9'

FOUNDATION & SLAB

39.8'

0.3'

60.52'

FOUNDATION & SLAB

154.8'

159.4'

9.4'

150.0'

3.2'

20.2'

33.4'

80.35'

81.50'

15.0'

4.5'

11.9'

183.1'

MULTI STORY MASONRY & BLOCK BUILDING NO. 1000

88.15'

72.6'

21.5'

52.6'

52.8'

130.75'

85.15'

30.8'

23.7'

0.4'

33.15'

47.55'

26.3'

17.3'

17.5'

6.0'

27.9'

24.8'

167.4'

102.6'

130.15'

129.95'

20.85'

90.25'

MULTI STORY MASONRY & BLOCK BUILDING NO. 1000

ASPHALT DRIVE

WALL & WALK 0.1' S.W.

CURB

DRIVING PARK AVENUE (70.0' WIDE)

CONC. WALK

202.29'

DIESEL FIRE PUMP NO. 2 BLDG.

7.0'

18.7'

7

20' WIDE EASEMENT L–4127, P–444 EASEMENT NO. 7

202'

20' WIDE EASEMENT L–4127, P–444 EASEMENT NO. 7

G.V. 0.7' N.E.

WALL & WALK ON LINE

438.01'

409.21'

454.14'

CURB

WALK 0.5' S.W.

ASPHALT DRIVE

P. LEE 09/15/20 20351

CHAIN LINK FENCE

256.51'

SOLAR PANEL ARRAY (INACCESSIBLE)

TANK

BLDG. 16.0'

16.0'

11.6'

8.3'

20.1'

BLDG.

6.55' X 8.25' GUARD SHACK

CHAIN LINK FENCE

304.56'

RAILROAD TRACKS

248.13'

BLDG. 2.5'

MATCH LINE – SEE SHEET 4 OF 4

REPUTED OWNER
GM COMPONENTS HOLDINGS, LLC
L–10802, P–483
PARCEL 090.790–0001–001.002

86.701±Ac.
3,776,687±Sq. Ft.

LEGEND

OE	OVERHEAD ELECTRIC
OE&T	OVERHEAD ELECTRIC & TELEPHONE
	RAILROAD TRACKS
X	FENCE
	GUIDE RAIL
P.P.	POWER POLE
L.P.	LIGHT POLE
C.B.	CATCH BASIN
C.B.	CATCH BASIN
SAN. M.H.	SANITARY MANHOLE
ELEC. H.H.	ELECTRIC HAND HOLE
G.P.	GUARD POST
TRANSF.	TRANSFORMER
G.V.	GAS VALVE
TEL. M.H.	TELEPHONE MANHOLE
ELEC. M.H.	ELECTRIC MANHOLE
TRAF. M.H.	TRAFFIC SIGNAL MANHOLE
M.H.	MANHOLE
S–89°–42'–15"–W	DEED BEARING
S–89°–42'–15"–W	NEW YORK STATE PLANE BEARING – WEST ZONE (NAD83)
	EASEMENT BOUNDARY

MATCH LINE – SEE SHEET 3 OF 4

GRAPHIC SCALE
(IN METERS)
12 0 6 12 24 36 48 60
1 : 600

GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

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RESURVEY	REVISION

NYSDEC SITE NO. HW8–28–064, SITE ADDRESS: "1000 LEXINGTON AVENUE", ROCHESTER, NEW YORK

McINTOSH & McINTOSH, P.C.
CONSULTING ENGINEERS, LAND SURVEYORS, PLANNERS
429 PINE STREET, LOCKPORT, NEW YORK 14094
PHONE 433–2535 PHONE 625–8360

SURVEY OF PART OF LOT–72, 20,000 ACRE TRACT

LOCATION: CITY OF ROCHESTER, MONROE COUNTY, NEW YORK

SHEET 2 OF 4

JOB No. M–4366 | SCALE: 1"= 50' | DATE: OCTOBER 14, 2020

DRAWN	MAS
COMP.	JEM, III
DESC.	
CADFILE	M4366.DWG

MATCH LINE – SEE SHEET 2 OF 4

MATCH LINE – SEE SHEET 3 OF 4

LA GRANGE AVENUE (66.0' WIDE)

NEWBERRY STREET (66.0' WIDE)

PARK AVENUE (VARYING WIDTHS)

RAMONA STREET (66.0' WIDE)

LEXINGTON AVENUE (VARYING WIDTHS)

N

CURB
WALK 0.7' S.W.
CONC. WALK
FENCE 7.6' S.W.
WALK 0.6' N.E.
SET REBAR W/CAP
CHAIN LINK FENCE
CONC. WALK
OE&T
S-55°-54'-42"-E 270.06' DEED = 273.02' MEAS.
S-55°-41'-18"-E
248.33'
FENCE 8.2' S.W.
WALK 5.6' S.W.
ASPHALT DRIVE
SET MAG NAIL
GRANITE CURB
CONC. WALK
WALK 3.4' S.W.
WALK 0.9' S.W.
ASPHALT 2.9' S.W. 4.2' WEST
SOLAR PANEL ARRAY (INACCESSIBLE)
7
20' WIDE EASEMENT L-4127, P-444, EASEMENT NO. 1
CHAIN LINK FENCE
CHAIN LINK FENCE
CHAIN LINK FENCE
RAILROAD TRACKS
2, GATE POSTS
EDGE OF PAVEMENT
ASPHALT
295.07' DEED & MEAS. S-00°-58'-12"-E S-01°-11'-23"-E
SEWER VALVE 5.5' EAST
7.2' X 7.3' SHED
276.01'
ASPHALT 5.2' S.W.
SET REBAR W/CAP
SEWER VALVE
ASPHALT 8.2' N.E.
FENCE 4.1' N.E.
C.B.
RAILROAD SWITCH
S-47°-07'-29"-E 179.71' DEED & MEAS.
S-46°-54'-48"-E
CHAIN LINK FENCE
230.65'
182.16'
FENCE 5.3' N.E.
WALL 5.2' S.W.
SET REBAR W/CAP
LANDS NOW OR FORMERLY AMERICAN PARCKAGING CORP. 090.790.0001-003.001
S-54°-15'-44"-E 205.43' DEED & MEAS.
S-54°-02'-14"-E
RAILROAD TRACKS
BLOCK WALL
WALL 0.4' N.E.
CHAIN LINK FENCE
RAILROAD TRACKS
LP. 7.3' S.W.
LP. 5.0' S.W.
SET REBAR W/CAP
M.H. 8.4' S.W.
S-36°-35'-46"-E S-36°-23'-14"-E 108.91' DEED & MEAS.
EX. REBAR 1.00' N.E. 5.52' N.W.
EX. REBAR 0.33' NORTH 0.27' EAST (BENT)
S-24°-56'-37"-E S-24°-43'-22"-E 106.67' DEED & MEAS.
SET REBAR W/CAP
S-13°-17'-20"-E S-13°-04'-09"-E 108.91' DEED & MEAS.
SET REBAR W/CAP
SET REBAR W/CAP
45.25' D= 44.49' M. S-28°-54'-11"-W S-28°-41'-00"-W
P.P.
OE&T
OE&T
OE&T
OE&T
RAILROAD TRACKS
RAILROAD TRACKS
30' WIDE SANITARY SEWER EASEMENT L-6853, P-123
20' WIDE EASEMENT L-4127, P-444, EASEMENT NO. 1
30' WIDE SANITARY SEWER EASEMENT L-6853, P-123
7
30' WIDE EASEMENT L-4127, P-444 EASEMENT NO. 3
30'
N.W. LINE ROCHESTER & SOUTHERN RAILROAD
ROCHESTER & SOUTHERN RAILROAD
BUFFALO ROCHESTER & PITTSBURGH RAILWAY
REPUTED OWNER L-6939, P-33
10
APPROX. LOCATION OF 20' WIDE VEGETATION MANAGEMENT EASEMENT TO ROCHESTER GAS AND ELECTRIC CORPORATION L-10715, P-177
S-34°-34'-23"-W CHAIN LINK FENCE
S-35°-41'-14"-W DEED= 319.93' MEAS.
FENCE 3.6' S.E.
L.P. 36 3.6' N.W.
326.75'
ASPHALT
EDGE OF PAVEMENT
ASPHALT 3.2' N.W.
OE&T R= 1587.28'
L= 326.32' DEED= 320.48' MEAS.
P.P. RGE 139
EX. R.R. MON.
FENCE 0.3' NORTH 0.2' EAST
P.P. RGE 138A/58
REPUTED OWNER AMERICAN PACKAGING CORP. L-6853, P-123 L-8200, P-391 L-9354, P-662
REPUTED OWNER GM COMPONENTS HOLDINGS, LLC L-10802, P-483 PARCEL 090.790-0001-001.002
86.701±Ac. 3,776,687±Sq. Ft.
33.6' WATER TREATMENT BLDG. 25.75'
MULTI STORY MASONRY & BLOCK BUILDING NO. 1000
281.78'
72.5'
80.0'
MULTI STORY MASONRY & BLOCK BUILDING NO. 1000
1.1' X 2.8'
142.5'
1.1' X 1.75' TYPICAL
61.55'
10.35'
13.2'
13.0' GUARD SHACK
95.76'
N-00°-49'-08"-W N-00°-48'-39"-W 5.00' DEED & MEAS.
80.14'
60.9'
87.57'
28.22'
174.6'
CONC. WALK
GRANITE CURB
ASPHALT DRIVE
GRANITE CURB
CONC. WALK
FENCE 1.2' NORTH
METAL FENCE
EDGE OF PAVEMENT W/CAP
SET REBAR W/CAP
SET REBAR W/CAP
ELEC. H.H.
EX. RCS MON. 4.0' SOUTH
WALK 3.1' SOUTH
FENCE 2.9' NORTH
FENCE 1.4' NORTH
CHAIN LINK FENCE
WALK 3.0' SOUTH
TRAF. M.H. 5.6' SOUTH
GRANITE CURB
ASPHALT DRIVE
GRANITE CURB
WALK 3.0' SOUTH
FENCE 0.4' NORTH
CONC. WALK
S-89°-11'-21"-W 450.26' DEED= 450.38' MEAS. S-89°-10'-51"-W

LEGEND

OE	OVERHEAD ELECTRIC
OE&T	OVERHEAD ELECTRIC & TELEPHONE
	RAILROAD TRACKS
X	FENCE
	GUIDE RAIL
P.P.	POWER POLE
L.P.	LIGHT POLE
C.B.	CATCH BASIN
C.B.	CATCH BASIN
SAN. M.H.	SANITARY MANHOLE
ELEC. H.H.	ELECTRIC HAND HOLE
G.P.	GUARD POST
TRANSF.	TRANSFORMER
G.V.	GAS VALVE
TEL. M.H.	TELEPHONE MANHOLE
ELEC. M.H.	ELECTRIC MANHOLE
TRAF. M.H.	TRAFFIC SIGNAL MANHOLE
M.H.	MANHOLE
S-89°-42'-15"-W	DEED BEARING
S-89°-42'-15"-W	NEW YORK STATE PLANE BEARING – WEST ZONE (NAD83)
	EASEMENT BOUNDARY

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

GRAPHIC SCALE

(IN METERS)
12 0 6 12 24 36 48 60

1 : 600

NYSDEC SITE NO. HW8-28-064, SITE ADDRESS: "1000 LEXINGTON AVENUE", ROCHESTER, NEW YORK

McINTOSH & McINTOSH, P.C.
CONSULTING ENGINEERS, LAND SURVEYORS, PLANNERS
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RESURVEY	REVISION

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SURVEY OF PART OF LOT-72, 20,000 ACRE TRACT

LOCATION CITY OF ROCHESTER, MONROE COUNTY, NEW YORK

SHEET 4 OF 4

JOB No. M-4366 | SCALE: 1"= 50' | DATE: OCTOBER 14, 2020

DRAWN MAS
COMP. JEM, III
DESC.
CADFILE M4366.DWG

APPENDIX B – DIGITAL COPY OF THE FINAL ENGINEERING REPORT (CD)

APPENDIX C – ENVIRONMENTAL EASEMENT

MONROE COUNTY CLERK'S OFFICE

THIS IS NOT A BILL. THIS IS YOUR RECEIPT.

Receipt # 3206106

Book Page D 12725 0001

No. Pages: 12

Instrument: EASEMENT AGREEMENT

Control #: 202209260913
Ref #: TT0000003956

Date: 09/26/2022

Time: 4:13:50 PM

Return To:
AMROCK, LLC - COMMERCIAL
662 WOODWARD AVE.
DETROIT, MI 48226

GM COMPONENTS HOLDINGS LLC,

PEOPLE OF THE STATE OF NEW YORK,

Recording Fee	$26.00
Pages Fee	$55.00
State Fee Cultural Education	$14.25
State Fee Records Management	$4.75
TP-584 Form Fee	$5.00
Total Fees Paid:	$105.00

Employee: RRR

State of New York

MONROE COUNTY CLERK'S OFFICE
WARNING – THIS SHEET CONSTITUTES THE CLERKS ENDORSEMENT, REQUIRED BY SECTION 317-a(5) & SECTION 319 OF THE REAL PROPERTY LAW OF THE STATE OF NEW YORK. DO NOT DETACH OR REMOVE.

Consideration: $0.00

JAMIE ROMEO

MONROE COUNTY CLERK



ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW

Prepared by and Return To:

General Motors LLC
Legal Staff
300 Renaissance Center
Mail Code: 482-C25-A68
Detroit, MI 48265
Attn: Ingrid Szura

ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW

THIS INDENTURE made this 8th day of September, 2022 between Owner, GM Components Holdings, LLC (GMCH), having an office at 300 Renaissance Center, 19th Fl., Detroit, Michigan, 48265 (the "Grantor"), and The People of the State of New York (the "Grantee"), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and the restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

WHEREAS, the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and

WHEREAS, Grantor, is the owner of real property located at the address of 1000 Lexington Ave. in the City of Rochester, County of Monroe and State of New York, known and designated on the tax map of the County Clerk of Monroe as tax map parcel number: Section #090.790, Block 0001, Lot 001.002, being a portion of the property conveyed to Grantor by deed dated October 6, 2009 and recorded in the Monroe County Clerk's Office in Liber and Page 10802/483. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 86.701 +/- acres, and is hereinafter more fully described in the Land Title Survey dated October 14, 2020 prepared by John E. McIntosh III of McIntosh & McIntosh, P.C., which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

WHEREAS, the Department accepts this Environmental Easement in order to ensure the protection of public health and the environment and to achieve the requirements for remediation established for the Controlled Property until such time as this Environmental Easement is

extinguished pursuant to ECL Article 71, Title 36; and

NOW THEREFORE, in consideration of the mutual covenants contained herein and the terms and conditions of Order on Consent Index Number: B8-0531-98-06, Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement").

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls. The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.

A. (1) The Controlled Property may be used for:

Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv)

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP;

(4) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Monroe County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

(5) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(6) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(7) All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;

(8) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;

(9) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;

(10) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

B. The Controlled Property shall not be used for Residential or Restricted Residential purposes as defined in 6NYCRR 375-1.8(g)(i) and (ii), and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. The SMP may be modified in accordance with the Department's statutory and regulatory authority. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, New York 12233
Phone: (518) 402-9553

D. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the SMP that the Department approves for the Controlled Property and all Department-approved amendments to that SMP.

E. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of ECL Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the Environmental Conservation Law.

F. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

G. Grantor covenants and agrees that it shall, at such time as NYSDEC may require, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury, in such form and manner as the Department may require, that:

(1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).

(2) the institutional controls and/or engineering controls employed at such site:

(i) are in-place;

(ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved by the NYSDEC and that all controls are in the Department-approved format; and

(iii) that nothing has occurred that would impair the ability of such control to protect the public health and environment;

(3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;

(4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;

(5) the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

(6) to the best of his/her knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and

(7) the information presented is accurate and complete.

3. Right to Enter and Inspect. Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

4. Reserved Grantor's Rights. Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Property, including:

A. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

B. The right to give, sell, assign, or otherwise transfer part or all of the underlying fee interest to the Controlled Property, subject and subordinate to this Environmental Easement;

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a

defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person violates this Environmental Easement, the Grantee may revoke the Certificate of Completion with respect to the Controlled Property.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach, and Grantee may take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement, including the commencement of any proceedings in accordance with applicable law.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar any enforcement rights.

6. Notice. Whenever notice to the Grantee (other than the annual certification) or approval from the Grantee is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:

County, NYSDEC Site Number, NYSDEC Brownfield Cleanup Agreement, State Assistance Contract or Order Number, and the County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to:

Site Number: 828064
Office of General Counsel
NYSDEC
625 Broadway, 14th Fl
Albany New York 12233-1500

With a copy to:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, NY 12233

All notices and correspondence shall be delivered by hand, by registered mail or by Certified mail and return receipt requested. The Parties may provide for other means of receiving and communicating notices and responses to requests for approval.

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

8. Amendment. Any amendment to this Environmental Easement may only be executed by the Commissioner of the New York State Department of Environmental Conservation or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation, or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

11. Consistency with the SMP. To the extent there is any conflict or inconsistency between the terms of this Environmental Easement and the SMP, regarding matters specifically addressed by the SMP, the terms of the SMP will control.

Remainder of Page Intentionally Left Blank

County: Monroe Site No: 828064 Order on Consent Index : B8-0531-98-06

IN WITNESS WHEREOF, Grantor has caused this instrument to be signed in its name.

GM Components Holdings, LLC (GMCH)

By: General Motors LLC, its member

By: Debra H. Hoge

Print Name: Debra H. Hoge

Title: Global Director Real Estate Date: Aug 25, 2022

Grantor's Acknowledgment

STATE OF MICHIGAN)
) ss:
COUNTY OF WAYNE)

On the 25th day of August, in the year 2022, before me, the undersigned personally appeared Debra H. Hoge, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Kathleen M. Rentenbach
Notary Public - State of Michigan

KATHLEEN M. RENTENBACH
NOTARY PUBLIC, STATE OF MI
COUNTY OF WAYNE
MY COMMISSION EXPIRES Sep 22, 2028
ACTING IN COUNTY OF Wayne

County: Monroe Site No: 828064 Order on Consent Index : B8-0531-98-06

THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK, Acting by and Through the Department of Environmental Conservation as Designee of the Commissioner,

By: Andrew Guglielmi
Andrew Guglielmi, Director
Division of Environmental Remediation

Grantee's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF ALBANY)

On the 8th day of September in the year 2022 before me, the undersigned, personally appeared Andrew Guglielmi, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Jennifer Andaloro
Notary Public - State of New York

JENNIFER ANDALORO
Notary Public, State of New York
No. 02AN6098246
Qualified in Albany County
Commission Expires January 14, 20 24

County: Monroe Site No: 828064 Order on Consent Index : B8-0531-98-06

SCHEDULE "A" PROPERTY DESCRIPTION

Legal Description 86.701± Acres

Job No. M-4366

ALL THAT TRACT OR PARCEL OF LAND situate in the City of Rochester, County of Monroe, State of New York and being part of Town Lot 72 of the 20,000 Acre Tract, bounded and described as follows: BEGINNING AT A POINT on the easterly line of Mt. Read Boulevard (variable width R.O.W.) where the same is intersected by the northerly line of Lexington Avenue (variable width R.O.W.), and from said beginning point running thence:

RUNNING THENCE the following courses along the easterly line of Mt. Read Boulevard:

1. N-00° -28'-03"-W a distance of 2471.63 feet to a point;
2. S-36°-37'-11"-E a distance of 91.38 feet to a point;
3. S-42°-24'-06"-E a distance of 12.01 feet to a point;
4. N-00°-56'-03"-W a distance of 328.51 feet to a point;
5. N-31°-32'-13"-E a distance of 65.19 feet to a point;
6. N-89°-03'-57"-E a distance of 45.02 feet to a point on the southwesterly line of Driving Park Avenue (variable width R.O.W.);
7. S-43°-30'-22"-E, along said Driving Park Avenue, a distance of 2069.0 feet to a point;
8. S-55°-41'-18"-E, continuing along said Driving Park Avenue, a distance of 273.02 feet to a point;

RUNNING THENCE the following courses along the southerly line of Parcel 090.790-0001-003.001, lands n/f American Packaging Corp.:

1. S-00°-58'-12"-E a distance of 295.07 feet to a point;
2. S-46°-54'-48"-E a distance of 179.71 feet to a point;
3. S-54°-02'-14"-E a distance of 205.43 feet to a point;
4. S-36°-23'-14"-E a distance of 108.91 feet to a point;
5. S-24°-43'-22"-E a distance of 106.67 feet to a point;
6. S-13°-04'-09"-E a distance of 108.91 feet to a point on the northwesterly line of lands n/f Rochester & Southern Railroad;
7. S-28°-54'-11"-W, along said Railroad, a distance of 44.49 feet to a point;

8. Continuing along said Railroad along the arc of a tangent curve to the right with a radius of 1587.28 feet, an arc length of 320.48 feet to a point on the above referenced northerly line of Lexington Avenue,;

RUNNING THENCE the following courses along said northerly line of Lexington Avenue:

1. S-89°-11'-21"-W a distance of 450.38 feet to a point;
2. N-00°-48'-39"-W a distance of 5.00 feet to a point;
3. S-89°-11'-21"-W a distance of 273.50 feet to a point;
4. S-00°-48'-39"-E a distance of 5.00 feet to a point;
5. S-89°-11'-21"-W a distance of 305.00 feet to a point;
6. N-00°-48'-39"-W a distance of 5.00 feet to a point;
7. S-89°-11'-21"-W a distance of 737.00 feet to a point;
8. N-00°-48'-39"-W a distance of 5.00 feet to a point;
9. S-89°-11'-21"-W a distance of 202.80 feet to a point;
10. N-45°-47'-10"-W a distance of 42.41 feet to the POINT OR PLACE OF BEGINNING, containing 86.701 Acres, be the same, more or less.

Note: Explanation of Deviation of Easement Area from Land Parcel Records for Easement Area

The land acquisition located along the northerly line of Lexington Avenue in Liber 4561, Page 173, resulted in the reduction of approximately 40.0' along the corner of Mt. Read Boulevard in Map No. 110, Parcel No. 128 and the northerly line of Lexington Avenue. (see attached ordinance).

Parcel tax ID No. 105.23-1-1 located at 891 Lexington Ave as referred to in the quitclaim deed is not listed in the easement area description as this portion of the property was not included in the Record of Decision issued by the Department in March 31, 2011 and under Item 3 of the Order on Consent #B8-0531-98-06 dated September 18, 2020.

Legal Description 86.701± Acres

Job No. M-4366

ALL THAT TRACT OR PARCEL OF LAND situate in the City of Rochester, County of Monroe, State of New York and being part of Town Lot 72 of the 20,000 Acre Tract, bounded and described as follows: BEGINNING AT A POINT on the easterly line of Mt. Read Boulevard (variable width R.O.W.) where the same is intersected by the northerly line of Lexington Avenue (variable width R.O.W.), and from said beginning point running thence:

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3. S-42°-24'-06"-E a distance of 12.01 feet to a point;
4. N-00°-56'-03"-W a distance of 328.51 feet to a point;
5. N-31°-32'-13"-E a distance of 65.19 feet to a point;
6. N-89°-03'-57"-E a distance of 45.02 feet to a point on the southwesterly line of Driving Park Avenue (variable width R.O.W.);
7. S-43°-30'-22"-E, along said Driving Park Avenue, a distance of 2069.0 feet to a point;
8. S-55°-41'-18"-E, continuing along said Driving Park Avenue, a distance of 273.02 feet to a point;

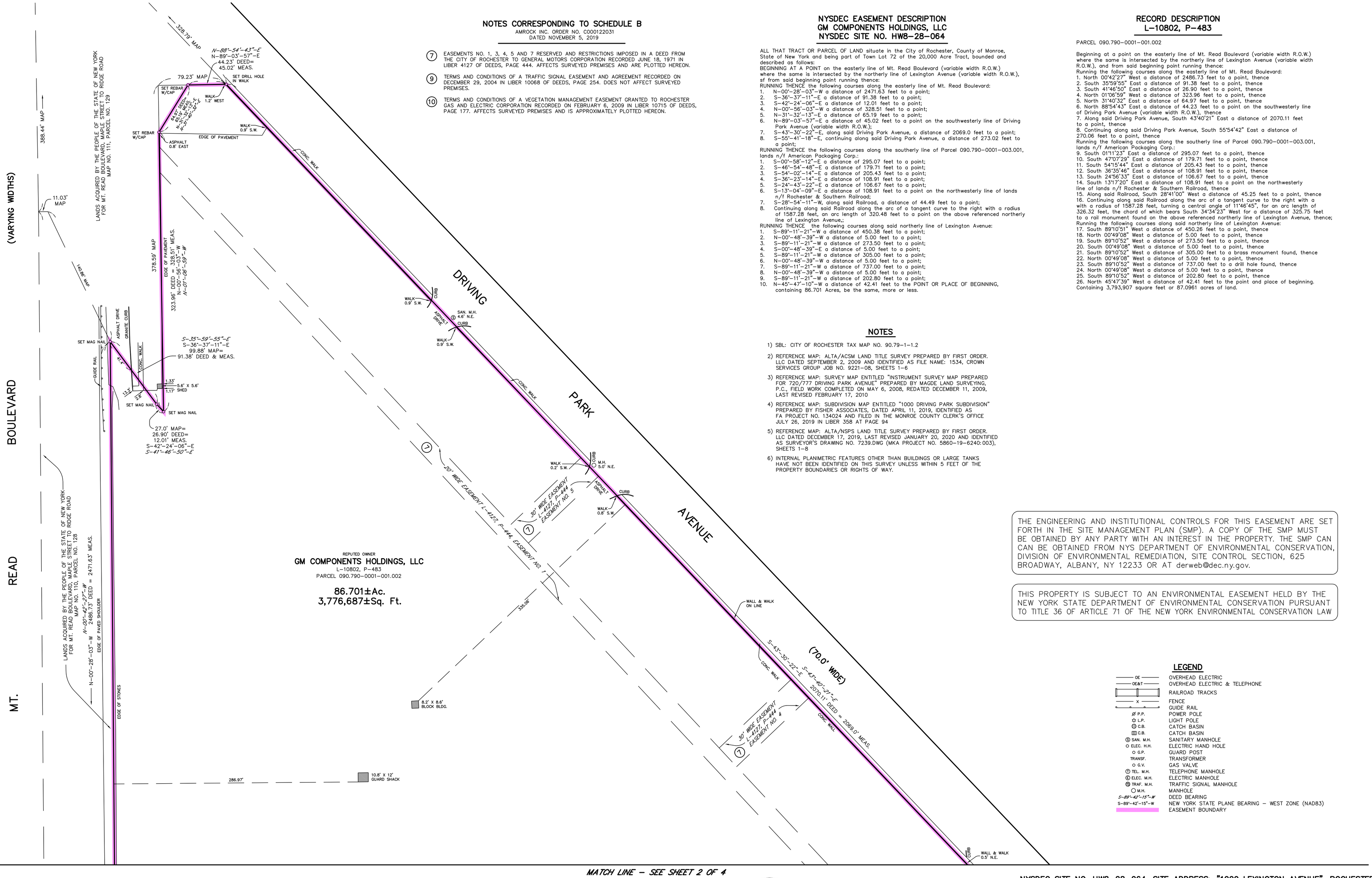
RUNNING THENCE the following courses along the southerly line of Parcel 090.790-0001-003.001, lands n/f American Packaging Corp.:

1. S-00°-58'-12"-E a distance of 295.07 feet to a point;
2. S-46°-54'-48"-E a distance of 179.71 feet to a point;
3. S-54°-02'-14"-E a distance of 205.43 feet to a point;
4. S-36°-23'-14"-E a distance of 108.91 feet to a point;
5. S-24°-43'-22"-E a distance of 106.67 feet to a point;
6. S-13°-04'-09"-E a distance of 108.91 feet to a point on the northwesterly line of lands n/f Rochester & Southern Railroad;
7. S-28°-54'-11"-W, along said Railroad, a distance of 44.49 feet to a point;
8. Continuing along said Railroad along the arc of a tangent curve to the right with a radius of 1587.28 feet, an arc length of 320.48 feet to a point on the above referenced northerly line of Lexington Avenue,;

RUNNING THENCE the following courses along said northerly line of Lexington Avenue:

1. S-89°-11'-21"-W a distance of 450.38 feet to a point;
2. N-00°-48'-39"-W a distance of 5.00 feet to a point;

3. S-89°-11'-21"-W a distance of 273.50 feet to a point;
4. S-00°-48'-39"-E a distance of 5.00 feet to a point;
5. S-89°-11'-21"-W a distance of 305.00 feet to a point;
6. N-00°-48'-39"-W a distance of 5.00 feet to a point;
7. S-89°-11'-21"-W a distance of 737.00 feet to a point;
8. N-00°-48'-39"-W a distance of 5.00 feet to a point;
9. S-89°-11'-21"-W a distance of 202.80 feet to a point;
10. N-45°-47'-10"-W a distance of 42.41 feet to the POINT OR PLACE OF BEGINNING, containing 86.701 Acres, be the same, more or less.



NOTES CORRESPONDING TO SCHEDULE B

AMROCK INC. ORDER NO. C000122031
DATED NOVEMBER 5, 2019

(7) EASEMENTS NO. 1, 3, 4, 5 AND 7 RESERVED AND RESTRICTIONS IMPOSED IN A DEED FROM THE CITY OF ROCHESTER TO GENERAL MOTORS CORPORATION RECORDED JUNE 18, 1971 IN LIBER 4127 OF DEEDS, PAGE 444. AFFECTS SURVEYED PREMISES AND ARE PLOTTED HEREON.

(9) TERMS AND CONDITIONS OF A TRAFFIC SIGNAL EASEMENT AND AGREEMENT RECORDED ON DECEMBER 29, 2004 IN LIBER 10068 OF DEEDS, PAGE 254. DOES NOT AFFECT SURVEYED PREMISES.

(10) TERMS AND CONDITIONS OF A VEGETATION MANAGEMENT EASEMENT GRANTED TO ROCHESTER GAS AND ELECTRIC CORPORATION RECORDED ON FEBRUARY 6, 2009 IN LIBER 10715 OF DEEDS, PAGE 177. AFFECTS SURVEYED PREMISES AND IS APPROXIMATELY PLOTTED HEREON.

NYSDEC EASEMENT DESCRIPTION
GM COMPONENTS HOLDINGS, LLC
NYSDEC SITE NO. HW8-28-064

ALL THAT TRACT OR PARCEL OF LAND situate in the City of Rochester, County of Monroe, State of New York and being part of Town Lot 72 of the 20,000 Acre Tract, bounded and described as follows:
BEGINNING AT A POINT on the easterly line of Mt. Read Boulevard (variable width R.O.W.) where the same is intersected by the northerly line of Lexington Avenue (variable width R.O.W.), sf from said beginning point running thence:
RUNNING THENCE the following courses along the easterly line of Mt. Read Boulevard:
1. N-00°-28'-03"-W a distance of 2471.63 feet to a point;
2. S-36°-37'-11"-E a distance of 91.38 feet to a point;
3. S-42°-24'-06"-E a distance of 12.01 feet to a point;
4. N-00°-56'-03"-W a distance of 328.51 feet to a point;
5. N-31°-32'-13"-E a distance of 65.19 feet to a point;
6. N-89°-03'-57"-E a distance of 45.02 feet to a point on the southwesterly line of Driving Park Avenue (variable width R.O.W.);
7. S-43°-30'-22"-E, along said Driving Park Avenue, a distance of 2069.0 feet to a point;
8. S-55°-41'-18"-E, continuing along said Driving Park Avenue, a distance of 273.02 feet to a point;

RUNNING THENCE the following courses along the southerly line of Parcel 090.790-0001-003.001, lands n/f American Packaging Corp.:
1. S-00°-58'-12"-E a distance of 295.07 feet to a point;
2. S-46°-54'-48"-E a distance of 179.71 feet to a point;
3. S-54°-02'-14"-E a distance of 205.43 feet to a point;
4. S-36°-23'-14"-E a distance of 108.91 feet to a point;
5. S-24°-43'-22"-E a distance of 106.67 feet to a point;
6. S-13°-04'-09"-E a distance of 108.91 feet to a point on the northwesterly line of lands n/f Rochester & Southern Railroad;
7. S-28°-54'-11"-W, along said Railroad, a distance of 44.49 feet to a point;
8. Continuing along said Railroad along the arc of a tangent curve to the right with a radius of 1587.28 feet, an arc length of 320.48 feet to a point on the above referenced northerly line of Lexington Avenue;;

RUNNING THENCE the following courses along said northerly line of Lexington Avenue:
1. S-89°-11'-21"-W a distance of 450.38 feet to a point;
2. N-00°-48'-39"-W a distance of 5.00 feet to a point;
3. S-89°-11'-21"-W a distance of 273.50 feet to a point;
4. S-00°-48'-39"-E a distance of 5.00 feet to a point;
5. S-89°-11'-21"-W a distance of 305.00 feet to a point;
6. N-00°-48'-39"-W a distance of 5.00 feet to a point;
7. S-89°-11'-21"-W a distance of 737.00 feet to a point;
8. N-00°-48'-39"-W a distance of 5.00 feet to a point;
9. S-89°-11'-21"-W a distance of 202.80 feet to a point;
10. N-45°-47'-10"-W a distance of 42.41 feet to the POINT OR PLACE OF BEGINNING, containing 86.701 Acres, be the same, more or less.

RECORD DESCRIPTION
L-10802, P-483

PARCEL 090.790-0001-001.002

Beginning at a point on the easterly line of Mt. Read Boulevard (variable width R.O.W.) where the same is intersected by the northerly line of Lexington Avenue (variable width R.O.W.), and from said beginning point running thence:
Running the following courses along the easterly line of Mt. Read Boulevard:
1. North 00°42'27" West a distance of 2486.73 feet to a point, thence
2. South 35°59'55" East a distance of 91.38 feet to a point, thence
3. South 41°46'50" East a distance of 26.90 feet to a point, thence
4. North 01°06'59" West a distance of 323.96 feet to a point, thence
5. North 31°40'32" East a distance of 64.97 feet to a point, thence
6. North 88°54'43" East a distance of 44.23 feet to a point on the southwesterly line of Driving Park Avenue (variable width R.O.W.), thence
7. Along said Driving Park Avenue, South 43°40'21" East a distance of 2070.11 feet to a point, thence
8. Continuing along said Driving Park Avenue, South 55°54'42" East a distance of 270.06 feet to a point, thence

Running the following courses along the southerly line of Parcel 090.790-0001-003.001, lands n/f American Packaging Corp.:
9. South 01°11'23" East a distance of 295.07 feet to a point, thence
10. South 47°07'29" East a distance of 179.71 feet to a point, thence
11. South 54°15'44" East a distance of 205.43 feet to a point, thence
12. South 36°35'46" East a distance of 108.91 feet to a point, thence
13. South 24°56'33" East a distance of 106.67 feet to a point, thence
14. South 13°17'20" East a distance of 108.91 feet to a point on the northwesterly line of lands n/f Rochester & Southern Railroad, thence
15. Along said Railroad, South 28°41'00" West a distance of 45.25 feet to a point, thence
16. Continuing along said Railroad along the arc of a tangent curve to the right with a with a radius of 1587.28 feet, turning a central angle of 11°46'45", for an arc length of 326.32 feet, the chord of which bears South 34°34'23" West for a distance of 325.75 feet to a rail monument found on the above referenced northerly line of Lexington Avenue, thence;

Running the following courses along said northerly line of Lexington Avenue:
17. South 89°10'51" West a distance of 450.26 feet to a point, thence
18. North 00°49'08" West a distance of 5.00 feet to a point, thence
19. South 89°10'52" West a distance of 273.50 feet to a point, thence
20. South 00°49'08" West a distance of 5.00 feet to a point, thence
21. South 89°10'52" West a distance of 305.00 feet to a brass monument found, thence
22. North 00°49'08" West a distance of 5.00 feet to a point, thence
23. South 89°10'52" West a distance of 737.00 feet to a drill hole found, thence
24. North 00°49'08" West a distance of 5.00 feet to a point, thence
25. South 89°10'52" West a distance of 202.80 feet to a point, thence
26. North 45°47'39" West a distance of 42.41 feet to the point and place of beginning.

Containing 3,793,907 square feet or 87.0961 acres of land.

NOTES

1) SBL: CITY OF ROCHESTER TAX MAP NO. 90.79-1-1.2
2) REFERENCE MAP: ALTA/ACSM LAND TITLE SURVEY PREPARED BY FIRST ORDER. LLC DATED SEPTEMBER 2, 2009 AND IDENTIFIED AS FILE NAME: 1534, CROWN SERVICES GROUP JOB NO. 9221-08, SHEETS 1-6
3) REFERENCE MAP: SURVEY MAP ENTITLED "INSTRUMENT SURVEY MAP PREPARED FOR 720/777 DRIVING PARK AVENUE" PREPARED BY MAGDE LAND SURVEYING, P.C., FIELD WORK COMPLETED ON MAY 6, 2008, REDATED DECEMBER 11, 2009, LAST REVISED FEBRUARY 17, 2010
4) REFERENCE MAP: SUBDIVISION MAP ENTITLED "1000 DRIVING PARK SUBDIVISION" PREPARED BY FISHER ASSOCIATES, DATED APRIL 11, 2019, IDENTIFIED AS FA PROJECT NO. 134024 AND FILED IN THE MONROE COUNTY CLERK'S OFFICE JULY 26, 2019 IN LIBER 358 AT PAGE 94
5) REFERENCE MAP: ALTA/NSPS LAND TITLE SURVEY PREPARED BY FIRST ORDER. LLC DATED DECEMBER 17, 2019, LAST REVISED JANUARY 20, 2020 AND IDENTIFIED AS SURVEYOR'S DRAWING NO. 7239.DWG (MKA PROJECT NO. 5860-19-6240:003), SHEETS 1-8
6) INTERNAL PLANIMETRIC FEATURES OTHER THAN BUILDINGS OR LARGE TANKS HAVE NOT BEEN IDENTIFIED ON THIS SURVEY UNLESS WITHIN 5 FEET OF THE PROPERTY BOUNDARIES OR RIGHTS OF WAY.

THE ENGINEERING AND INSTITUTIONAL CONTROLS FOR THIS EASEMENT ARE SET FORTH IN THE SITE MANAGEMENT PLAN (SMP). A COPY OF THE SMP MUST BE OBTAINED BY ANY PARTY WITH AN INTEREST IN THE PROPERTY. THE SMP CAN CAN BE OBTAINED FROM NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DIVISION OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION, 625 BROADWAY, ALBANY, NY 12233 OR AT derweb@dec.ny.gov.

THIS PROPERTY IS SUBJECT TO AN ENVIRONMENTAL EASEMENT HELD BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION PURSUANT TO TITLE 36 OF ARTICLE 71 OF THE NEW YORK ENVIRONMENTAL CONSERVATION LAW

LEGEND

OE	OVERHEAD ELECTRIC
OE&T	OVERHEAD ELECTRIC & TELEPHONE
	RAILROAD TRACKS
X	FENCE
	GUIDE RAIL
P.P.	POWER POLE
L.P.	LIGHT POLE
C.B.	CATCH BASIN
C.B.	CATCH BASIN
SAN. M.H.	SANITARY MANHOLE
ELEC. H.H.	ELECTRIC HAND HOLE
G.P.	GUARD POST
TRANSF.	TRANSFORMER
G.V.	GAS VALVE
TEL. M.H.	TELEPHONE MANHOLE
ELEC. M.H.	ELECTRIC MANHOLE
TRAF. M.H.	TRAFFIC SIGNAL MANHOLE
M.H.	MANHOLE
S-89°-42'-15"-W	DEED BEARING
S-89°-42'-15"-W	NEW YORK STATE PLANE BEARING - WEST ZONE (NAD83)
	EASEMENT BOUNDARY

MATCH LINE - SEE SHEET 2 OF 4

GRAPHIC SCALE
(IN METERS)
12 0 6 12 24 36 48 60
1 : 600

GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

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ALL RIGHTS RESERVED

NOTE: THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OF TITLE AND IS SUBJECT TO ANY STATE OF FACTS THAT MAY BE REVEALED BY AN EXAMINATION OF SUCH.

NOTE: UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY IS A VIOLATION OF SECTION 7209, PROVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

RESURVEY	REVISION

NYSDEC SITE NO. HW8-28-064, SITE ADDRESS: "1000 LEXINGTON AVENUE", ROCHESTER, NEW YORK

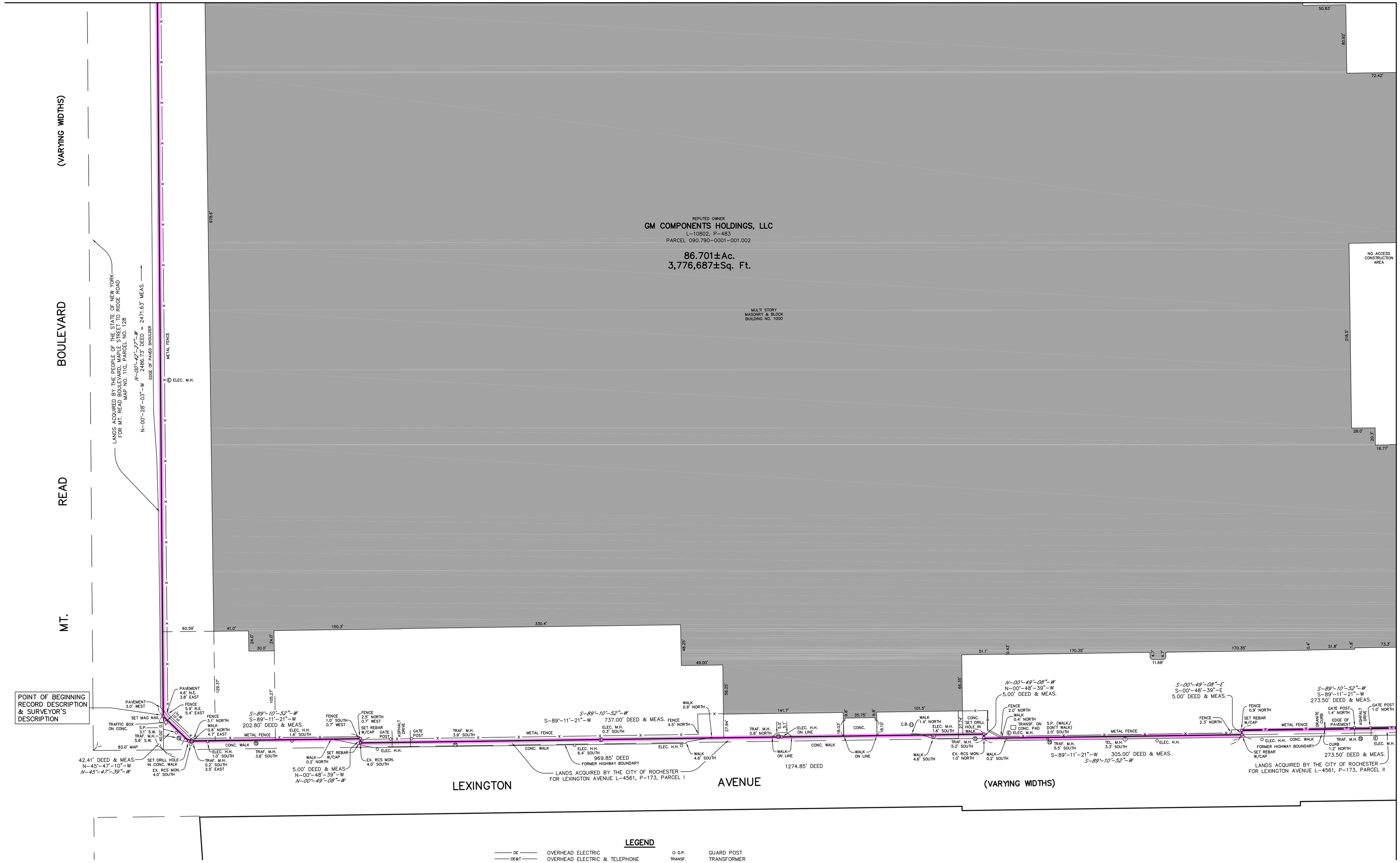
McINTOSH & McINTOSH, P.C.
CONSULTING ENGINEERS, LAND SURVEYORS, PLANNERS
429 PINE STREET, LOCKPORT, NEW YORK 14094
PHONE 433-2535 PHONE 625-8360

SURVEY OF PART OF LOT-72, 20,000 ACRE TRACT
LOCATION CITY OF ROCHESTER, MONROE COUNTY, NEW YORK
SHEET 1 OF 4

JOB No.	SCALE	DATE	DRAWN	CHECKED
M-4366	1"= 50'	OCTOBER 14, 2020	MAS	JEM, III

DESC.
CADFILE M4366.DWG

MATCH LINE – SEE SHEET 2 OF 4



LEGEND

OE	OVERHEAD ELECTRIC
OE&T	OVERHEAD ELECTRIC & TELEPHONE
	RAILROAD TRACKS
X	FENCE
	GUIDE RAIL
Ø P.P.	POWER POLE
☼ L.P.	LIGHT POLE
C.B.	CATCH BASIN
C.B.	CATCH BASIN
S SAN. M.H.	SANITARY MANHOLE
O ELEC. H.H.	ELECTRIC HAND HOLE
O G.P.	GUARD POST
TRANSF.	TRANSFORMER
O G.V.	GAS VALVE
T TEL. M.H.	TELEPHONE MANHOLE
E ELEC. M.H.	ELECTRIC MANHOLE
S TRAF. M.H.	TRAFFIC SIGNAL MANHOLE
M.H.	MANHOLE
S-89°-42'-15"-W	DEED BEARING
S-89°-42'-15"-W	NEW YORK STATE PLANE BEARING – WEST ZONE (NAD83)
	EASEMENT BOUNDARY

GRAPHIC SCALE
(IN METERS)
12 0 6 12 24 36 48 60
1 : 600

GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

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NOTE: THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OF TITLE AND IS SUBJECT TO ANY STATE OF FACTS THAT MAY BE REVEALED BY AN EXAMINATION OF SUCH.

RESURVEY	REVISION

NOTE: UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY IS A VIOLATION OF SECTION 7209, PROVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

NYSDEC SITE NO. HW8-28-064, SITE ADDRESS: "1000 LEXINGTON AVENUE", ROCHESTER, NEW YORK

McINTOSH & McINTOSH, P.C.
CONSULTING ENGINEERS, LAND SURVEYORS, PLANNERS
429 PINE STREET, LOCKPORT, NEW YORK 14094
PHONE 433-2535 PHONE 625-8360

SURVEY OF PART OF LOT-72, 20,000 ACRE TRACT

LOCATION CITY OF ROCHESTER, MONROE COUNTY, NEW YORK

SHEET 3 OF 4

JOB No. M-4366 | SCALE: 1"= 50' | DATE: OCTOBER 14, 2020

DRAWN MAS
COMP. JEM, III
DESC.
CADFILE M4366.DWG

MATCH LINE – SEE SHEET 1 OF 4

BOULEVARD (VARYING WIDTHS)

READ MT.

LANDS ACQUIRED BY THE PEOPLE OF THE STATE OF NEW YORK FOR MT. READ BOULEVARD AND MILE STRETCH TO RIDGE ROAD MAP NO. 110, PARCEL NO. 128

2511.47' MAP
N–00°–42'–27"–W
2486.73' DEED = 2471.63' MEAS.
EDGE OF PAVED SHOULDER

2665.64'± MAP

METAL FENCE

EDGE OF STONES

C.B. 0.2' EAST

GATE POST

FENCE 3.8' EAST

TANK

TANK

TANK

329.76'

238.1'

13.8'

4.05'

62.96'

1 STORY MASONRY BUILDING

98.45'

0.45'

153.8'

83.0'

40.5'

88.8'

TANK

10.5'

9.5'

16.6'

11.4'

112.2'

60.1'

50.8'

53.90'

123.8'

45.5'

98.9'

119.2'

0.3'

123.1'

420.2'

MULTI STORY MASONRY & BLOCK BUILDING NO. 1000

322.6'

1.45'

2.39'

1.0'

130.2'

7.65'

35.9'

7.5'

115.5'

156.9'

41.7'

3.6'

42.4'

15.35'

2.55'

39.53'

27.8'

78.7'

179.18'

105.9'

FOUNDATION & SLAB

39.8'

0.3'

60.52'

FOUNDATION & SLAB

154.8'

159.4'

9.4'

150.0'

3.2'

20.2'

33.4'

80.35'

81.50'

15.0'

4.5'

11.9'

183.1'

MULTI STORY MASONRY & BLOCK BUILDING NO. 1000

88.15'

72.6'

21.5'

52.6'

52.8'

130.75'

88.15'

30.8'

22.7'

0.4'

33.15'

47.55'

26.3'

17.3'

17.5'

6.0'

27.9'

24.8'

167.4'

102.6'

130.15'

129.95'

20.85'

90.25'

MULTI STORY MASONRY & BLOCK BUILDING NO. 1000

ASPHALT DRIVE

WALL & WALK 0.1' S.W.

CURB

DRIVING PARK AVENUE (70.0' WIDE)

CONC. WALK

202.29'

DIESEL FIRE PUMP NO. 2 BLDG.

7.0'

18.7'

7

20' WIDE EASEMENT L–4127, P–444 EASEMENT NO. 7

202'

20' WIDE EASEMENT L–4127, P–444 EASEMENT NO. 7

G.V. 0.7' N.E.

WALL & WALK ON LINE

438.01'

409.21'

454.14'

CURB

WALK 0.5' S.W.

ASPHALT DRIVE

CHAIN LINK FENCE

2 ELEC. POSTS

256.51'

SOLAR PANEL ARRAY (INACCESSIBLE)

6.55' X 8.25' GUARD SHACK

CHAIN LINK FENCE

304.56'

RAILROAD TRACKS

248.13'

BLDG. 2.7'

TANK

BLDG. 16.0'

16.0'

11.6'

BLDG. 8.3'

20.1'

REPUTED OWNER
GM COMPONENTS HOLDINGS, LLC
L–10802, P–483
PARCEL 090.790–0001–001.002

86.701±Ac.
3,776,687±Sq. Ft.

LEGEND

OE	OVERHEAD ELECTRIC
OE&T	OVERHEAD ELECTRIC & TELEPHONE
	RAILROAD TRACKS
X	FENCE
	GUIDE RAIL
P.P.	POWER POLE
L.P.	LIGHT POLE
C.B.	CATCH BASIN
C.B.	CATCH BASIN
SAN. M.H.	SANITARY MANHOLE
ELEC. H.H.	ELECTRIC HAND HOLE
G.P.	GUARD POST
TRANSF.	TRANSFORMER
G.V.	GAS VALVE
TEL. M.H.	TELEPHONE MANHOLE
ELEC. M.H.	ELECTRIC MANHOLE
TRAF. M.H.	TRAFFIC SIGNAL MANHOLE
M.H.	MANHOLE
S–89°–42'–15"–W	DEED BEARING
S–89°–42'–15"–W	NEW YORK STATE PLANE BEARING – WEST ZONE (NAD83)
	EASEMENT BOUNDARY

N

MATCH LINE – SEE SHEET 4 OF 4

MATCH LINE – SEE SHEET 3 OF 4

GRAPHIC SCALE
(IN METERS)
12 0 6 12 24 36 48 60
1 : 600

GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

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RESURVEY	REVISION

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NYSDEC SITE NO. HW8–28–064, SITE ADDRESS: "1000 LEXINGTON AVENUE", ROCHESTER, NEW YORK

McINTOSH & McINTOSH, P.C.
CONSULTING ENGINEERS, LAND SURVEYORS, PLANNERS
429 PINE STREET, LOCKPORT, NEW YORK 14094
PHONE 433–2535 PHONE 625–8360

SURVEY OF PART OF LOT–72, 20,000 ACRE TRACT

LOCATION: CITY OF ROCHESTER, MONROE COUNTY, NEW YORK

SHEET 2 OF 4

JOB No. M–4366 | SCALE: 1"= 50' | DATE: OCTOBER 14, 2020

DRAWN	MAS
COMP.	JEM, III
DESC.	
CADFILE	M4366.DWG

LA GRANGE AVENUE (66.0' WIDE)

NEWBERRY STREET (66.0' WIDE)

PARK AVENUE (VARYING WIDTHS)

RAMONA STREET (66.0' WIDE)

MATCH LINE – SEE SHEET 2 OF 4

MATCH LINE – SEE SHEET 3 OF 4

CURB
WALK 0.7' S.W.
CONC. WALK
FENCE 7.6' S.W.
WALK 0.6' N.E.
SET REBAR W/CAP
CHAIN LINK FENCE
CONC. WALK
S-55°-54'-42"-E 270.06' DEED = 273.02' MEAS.
OE&T
FENCE 8.2' S.W.
WALK 5.6' S.W.
ASPHALT DRIVE
SET MAG NAIL
GRANITE CURB
CONC. WALK
WALK 3.4' S.W.
WALK 0.9' S.W.
ASPHALT 2.9' S.W. 4.2' WEST
248.33'
SOLAR PANEL ARRAY (INACCESSIBLE)
20' WIDE EASEMENT L-4127, P-444, EASEMENT NO. 1
CHAIN LINK FENCE
CHAIN LINK FENCE
CHAIN LINK FENCE
RAILROAD TRACKS
2, GATE POSTS
EDGE OF PAVEMENT
ASPHALT
295.07' DEED & MEAS. S-00°-58'-12"-E S-01°-11'-23"-E
SEWER VALVE 5.5' EAST
7.2' X 7.3' SHED
276.01'
ASPHALT 5.2' S.W.
SET REBAR W/CAP
SEWER VALVE
ASPHALT 8.2' N.E.
FENCE 4.1' N.E.
C.B.
RAILROAD SWITCH
S-47°-07'-29"-E 179.71' DEED & MEAS.
CHAIN LINK FENCE
FENCE 5.3' N.E.
LANDS NOW OR FORMERLY AMERICAN PACKAGING CORP. SOUTH LINE PARCEL 090.790.0001-003.001
WALL 5.2' S.W.
SET REBAR W/CAP
S-54°-15'-44"-E 205.43' DEED & MEAS.
RAILROAD TRACKS
BLOCK WALL
WALL 0.4' N.E.
CHAIN LINK FENCE
RAILROAD TRACKS
L.P. 7.3' S.W.
OE
L.P. 5.0' S.W.
SET REBAR W/CAP
M.H. 8.4' S.W.
S-36°-35'-46"-E S-36°-23'-14"-E 108.91' DEED & MEAS.
EX. REBAR 1.00' N.E. 5.52' N.W.
EX. REBAR 0.33' NORTH 0.27' EAST (BENT)
S-24°-56'-37"-E S-24°-43'-22"-E 106.67' DEED & MEAS.
SET REBAR W/CAP
S-13°-17'-20"-E S-13°-04'-09"-E 108.91' DEED & MEAS.
SET REBAR W/CAP
SET REBAR W/CAP
P.P.
OE&T
OE&T
OE&T
RAILROAD TRACKS
RAILROAD TRACKS
N.W. LINE ROCHESTER & SOUTHERN RAILROAD
ROCHESTER & SOUTHERN RAILROAD
BUFFALO ROCHESTER & PITTSBURGH RAILWAY
REPUTED OWNER L-6939, P-33
45.25' D= 44.49' M. S-28°-54'-11"-W S-28°-41'-00"-W

7
30' WIDE EASEMENT L-4127, P-444 EASEMENT NO. 3
30'
30' WIDE SANITARY SEWER EASEMENT L-6853, P-123
20' WIDE EASEMENT L-4127, P-444, EASEMENT NO. 1
30'
30' WIDE SANITARY SEWER EASEMENT L-6853, P-123
7

10
APPROX. LOCATION OF 20' WIDE VEGETATION MANAGEMENT EASEMENT TO ROCHESTER GAS AND ELECTRIC CORPORATION L-10715, P-177
CHAIN LINK FENCE
S-34°-34'-23"-W 326.75' DEED= 326.91' MEAS.
S-35°-41'-14"-W 319.93' MEAS.
FENCE 3.6' S.E.
L.P. 36 3.6' N.W.
OE&T
OE&T
L = 326.32' DEED= 320.48' MEAS.
OE&T R= 1587.28'
P.P. RGE 139
RAILROAD TRACKS
RAILROAD TRACKS
ASPHALT
EDGE OF PAVEMENT
ASPHALT 3.2' N.W.
EX. R.R. MON.
FENCE 0.3' NORTH 0.2' EAST
P.P. RGE 138A/58

MULTI STORY MASONRY & BLOCK BUILDING NO. 1000
6.4' 26.55' 8.85' 7.2' 20.4' 7.2' 22.0'
281.78'
72.5'
80.0'
182.16'
230.65'
33.6' WATER TREATMENT BLDG. 25.75'
MULTI STORY MASONRY & BLOCK BUILDING NO. 1000
1.1' X 2.8'
142.5'
1.1' X 1.75' TYPICAL
61.55'
10.35'
13.2' 13.0' GUARD SHACK
95.76'
60.9'
87.57'
28.22'
174.6'
N-00°-49'-08"-W N-00°-48'-39"-W 5.00' DEED & MEAS.
80.14'
CONC. WALK
GRANITE CURB
ASPHALT DRIVE
GRANITE CURB
CONC. WALK
GRANITE CURB
ASPHALT DRIVE
GRANITE CURB
FENCE 1.2' NORTH
METAL FENCE
EDGE OF PAVEMENT W/CAP
SET REBAR W/CAP
SET REBAR W/CAP
FENCE 2.9' NORTH
FENCE 1.4' NORTH
CHAIN LINK FENCE
WALK 3.0' SOUTH
WALK 3.0' SOUTH
FENCE 0.4' NORTH
ELEC. H.H.
EX. RCS MON. 4.0' SOUTH
WALK 3.1' SOUTH
TRAF. M.H. 5.6' SOUTH
S-89°-11'-21"-W 450.26' DEED= 450.38' MEAS. S-89°-10'-51"-W
CONC. WALK

LEXINGTON AVENUE (VARYING WIDTHS)

REPUTED OWNER
AMERICAN PACKAGING CORP.
L-6853, P-123
L-8200, P-391
L-9354, P-662

REPUTED OWNER
GM COMPONENTS HOLDINGS, LLC
L-10802, P-483
PARCEL 090.790-0001-001.002

86.701±Ac.
3,776,687±Sq. Ft.

LEGEND

OE	OVERHEAD ELECTRIC
OE&T	OVERHEAD ELECTRIC & TELEPHONE
	RAILROAD TRACKS
X	FENCE
	GUIDE RAIL
P.P.	POWER POLE
L.P.	LIGHT POLE
C.B.	CATCH BASIN
C.B.	CATCH BASIN
SAN. M.H.	SANITARY MANHOLE
ELEC. H.H.	ELECTRIC HAND HOLE
G.P.	GUARD POST
TRANSF.	TRANSFORMER
G.V.	GAS VALVE
TEL. M.H.	TELEPHONE MANHOLE
ELEC. M.H.	ELECTRIC MANHOLE
TRAF. M.H.	TRAFFIC SIGNAL MANHOLE
M.H.	MANHOLE
S-89°-42'-15"-W	DEED BEARING
S-89°-42'-15"-W	NEW YORK STATE PLANE BEARING – WEST ZONE (NAD83)
	EASEMENT BOUNDARY

GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

GRAPHIC SCALE
(IN METERS)
12 0 6 12 24 36 48 60

1 : 600

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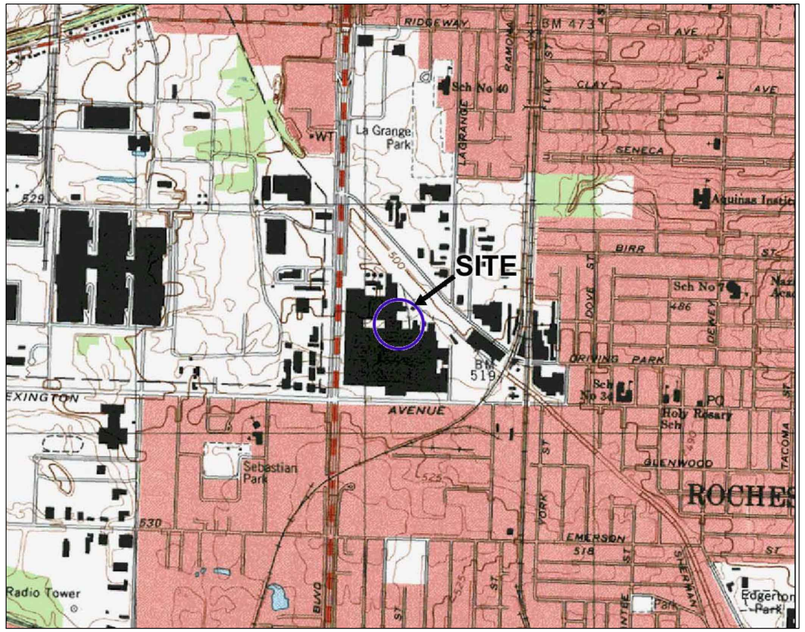
RESURVEY	REVISION

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SURVEY OF PART OF LOT-72, 20,000 ACRE TRACT
LOCATION **CITY OF ROCHESTER, MONROE COUNTY, NEW YORK**
SHEET 4 OF 4
JOB No. **M-4366** SCALE: **1"= 50'** DATE: **OCTOBER 14, 2020**

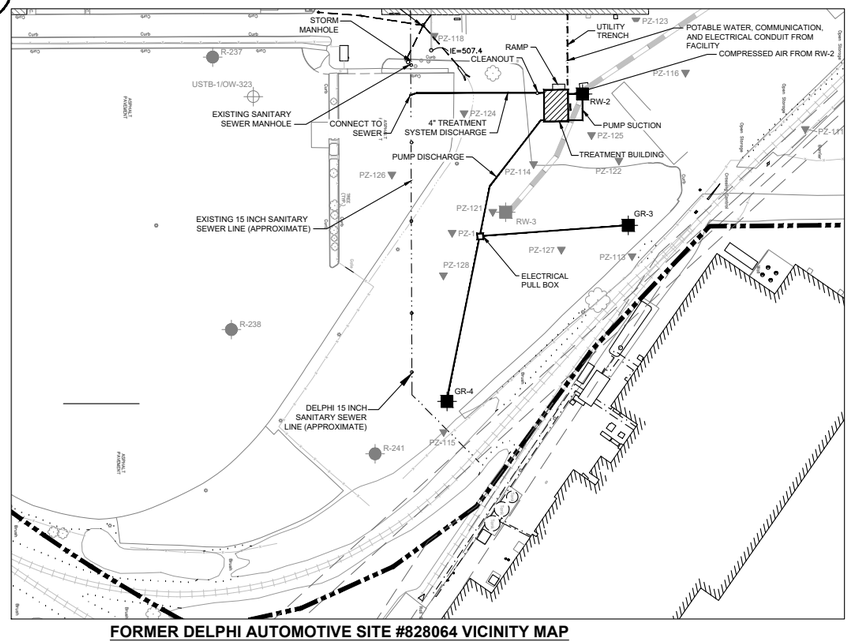
DRAWN	MAS
COMP.	JEM, III
DESC.	
CADFILE	M4366.DWG

APPENDIX D – REMEDIAL SYSTEM AS-BUILTS AND DESIGN DRAWINGS



SITE LOCUS
TOPO SOURCE: USGS TOPOGRAPHIC MAP, ROCHESTER, NEW YORK, QUADRANGLE (1995).

0 2000 4000 6000
APPROXIMATE SCALE IN FEET



FORMER DELPHI AUTOMOTIVE SITE #828064 VICINITY MAP

0 80 160 240
APPROXIMATE SCALE IN FEET

FORMER DELPHI AUTOMOTIVE
NYSDEC SITE # 828064
GROUNDWATER TREATMENT SYSTEM
AS-BUILT DRAWINGS

1000 LEXINGTON AVE
ROCHESTER, NEW YORK

DRAWING INDEX

SHEET NO.	SHEET TITLE	DESCRIPTION
1	G-1	TITLE SHEET
2	G-2	GENERAL NOTES
3	G-3	PROCESS AND INSTRUMENTATION DIAGRAM SYMBOLS AND LEGEND
4	P-1	PROCESS FLOW DIAGRAM
5	P-2	PROCESS AND INSTRUMENTATION DIAGRAM
6	C-1	CIVIL SITE PLAN
7	C-2	CIVIL DETAILS - SHEET 1 of 2
8	C-3	CIVIL DETAILS - SHEET 2 of 2
9	M-1	TREATMENT COMPOUND
10	M-2	ELEVATION VIEWS
11	M-3	MECHANICAL DETAILS
12	E-1	ONE LINE DIAGRAM
13	E-2	ELECTRICAL POWER PLAN
14	E-3	MOTOR CONTROL PANEL MCP-1000 LAYOUT
15	I-1	INSTRUMENTATION LAYOUT
16	I-2	PROGRAMMABLE LOGIC CONTROLLER PLC-100 PANEL LAYOUT
17	I-3	PLC-100 WIRING DIAGRAM
18	I-4	PLC-100 PLC I/O DIAGRAM AND INSTRUMENTATION SCHEDULE
19	S-1	FOUNDATION PLAN AND DETAILS
20	S-1.1	STRUCTURAL NOTES
21	A-1	ARCHITECTURAL PLAN AND ELEVATIONS

HALEY ALDRICH
H & A OF NEW YORK
ENGINEERING AND GEOLOGY, LLP
260 E. Main Street, Suite 2100
Rochester, NY 14604
Tel: 585.359.9000
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Project No.:	0127982-104
Scale:	AS SHOWN
Date:	04-JUNE-2025
Drawn By:	JFO
Designed By:	TRB
Checked By:	DJC
Approved By:	

Stamp:

STATE OF NEW YORK · LESLIE NELSON · 111887 · LICENSED PROFESSIONAL ENGINEER
7/24/25

Rev.	Description	By	Date
B	AS-BUILT	HA	06/04/25
A	AS-BUILT	HA	02/04/15
3	OWS DESIGN MOD	HA	12/16/13
2	FOR BID	HA	07/17/13
1	NYSDEC SUB.	HA	06/28/13
0	100% DESIGN	HA	04/26/13

FORMER DELPHI AUTOMOTIVE SITE GROUNDWATER TREATMENT SYSTEM

ROCHESTER, NEW YORK

TITLE SHEET

G-1

Sheet: 1 of 21

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NOTES:

1. CONCRETE, EARTHWORK, PLUMBING, AND ELECTRICAL CONSTRUCTION AND EQUIPMENT AND MATERIALS SELECTION, IS IN ACCORDANCE WITH THE DRAWINGS.

2. ALL WORK WAS PERFORMED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES AND REQUIREMENTS, INCLUDING REVISIONS TO DATE OF CONTRACT.

3. THE CONTRACTOR OBTAINED ANY NECESSARY CONSTRUCTION PERMITS, INCLUDING STRUCTURAL, GRADING, ELECTRICAL AND PLUMBING PERMITS, AND SCHEDULE ANY REQUIRED INSPECTIONS. THE CONTRACTOR MAINTAINED COPIES OF ANY PERMITS AT THE JOB SITE FOR AGENCY INSPECTION AND PROVIDED A CITY APPROVED COPY TO THE ENGINEER PRIOR TO BEGINNING WORK.

4. DETAILS TAKE PRECEDENCE OVER GENERAL DRAWINGS. WHERE NOTES CONFLICT WITH ANY DRAWING, THE MOST RESTRICTIVE SHALL APPLY. WHERE CONFLICTS EXIST, THE CONTRACTOR NOTIFIED THE ENGINEER IN WRITING IMMEDIATELY.

5. THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES AND SUBSTRUCTURES WERE OBTAINED FROM OTHERS. THE PLAN DOES NOT GUARANTEE THE ACCURACY OR COMPLETENESS OF THE LOCATION OR EXISTENCE OF THESE UTILITIES WITHIN THE PROJECT AREA.

6. EXCAVATED SOILS AT THE SITE MAY CONTAIN HAZARDOUS MATERIALS.

7. ALL UNDERGROUND HDPE PIPES WERE SUPPORTED WITH JIGS OR TEMPLATES DURING CONSTRUCTION TO MAINTAIN THE REQUIRED SPACING BETWEEN PIPES AND PIPE SLOPE.

8. HDPE PIPING WAS INSTALLED, TESTED, AND COVERED WITH SAND. BEDDING AND, BACKFILL.

9. TESTING FOR PVC PIPING PRIOR TO BACKFILL, ALL LIQUID TRANSFER PIPING WAS HYDROSTATICALLY TESTED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS OR THE FOLLOWING PROTOCOL, WHICHEVER WAS MOST STRINGENT: ALL LIQUID TRANSFER PIPING WAS HYDROSTATICALLY PRESSURE TESTED AT 150 PSI. AFTER INITIAL PRESSURIZATION OF THE PIPE AND REMOVAL OF ALL ENTRAINED AIR, THE CONTRACTOR ALLOWED A MINIMUM EXPANSION TIME OF 3 HOURS.IMMEDIATELY FOLLOWING THE INITIAL EXPANSION PHASE, CONTRACTOR REDUCED TEST PRESSURE BY 10 PSI AND STOP ADDING TEST LIQUID. IF TEST PRESSURE REMAINS WITHIN 5% OF TARGET FOR 1 HOUR, NO LEAK IS INDICATED.

10. CONTINUOUS MAGNETIC LOCATOR TAPE WAS INSTALLED IN ALL TRENCHES DURING BACKFILLING FOR IDENTIFICATION PURPOSES.MAGNETIC LOCATOR TAPE IS PROVIDED SURFACE IN WELL BOXES.

SCOPE OF WORK:

WORK INCLUDED:

1. TRENCHING HDPE PIPING AND ELECTRICAL CONTROL CONDUIT FROM THE EXISTING GROUNDWATER EXTRACTION WELLS (GR-3 AND GR-4) TO THE TREATMENT BUILDING. ADDITIONAL TRENCHING INCLUDES UTILITIES FROM THE FACILITY BUILDING AND DISCHARGE PIPING TO THE SANITARY SEWER.

2. INSTALLATION OF TWO SUBMERSIBLE PUMPS IN WELLS GR-3 AND GR-4.

3. A CONCRETE WELL VAULT WAS INSTALLED AROUND EXISTING WELL RW-2 INCLUDING CUTTING DOWN THE EXISTING WELL STICKUP, PIPE CONNECTIONS AND TRENCHING TO THE TREATMENT BUILDING.

4 . AN APPROXIMATELY 24FT X 32FT PREFABRICATED BUILDING WAS CONSTRUCTED TO HOUSE THE GROUNDWATER TREATMENT SYSTEM. THIS INCLUDES THE INSTALLATION OF A CONCRETE FOUNDATION. THE PREFABRICATED BUILDING TO BE INSTALLED ON A 6 IN. CONTAINMENT BERM LOCATED AROUND THE PERIMETER OF THE FOUNDATION.

5. THE GROUNDWATER TREATMENT SYSTEM INCLUDES THE INSTALLATION, PLACEMENT AND ANCHORING OF AN AIR STRIPPER, OIL WATER SEPARATORS (2), INFLUENT TANK, BAG FILTERS, AND A CARBON VESSEL. THE SYSTEM TO BE CONNECTED USING 1 AND 2 IN. SCH. 80 PVC PIPING. ALL PIPING WAS INSTALLED ON THE BUILDING WALLS AND SUPPORTED USING STRUT AND/OR PIPE HANGERS PER MANUFACTURERS SPECIFICATIONS.

6. ALL EQUIPMENT POWER WAS CONNECTED IN ACCORDANCE WITH THE ELECTRICAL DRAWINGS AND ALL LOCAL CODES. ELECTRICITY WAS SUPPLIED FROM THE FACILITY BUILDING TO THE 480V PANEL LOCATED INSIDE THE BUILDING.

7. TRENCHING AND ROUTING OF UTILITIES FROM THE FACILITY BUILDING TO THE TREATMENT BUILDING INCLUDING, POTABLE WATER, COMMUNICATION, AND ELECTRICAL CONDUIT. UTILITIES WERE LOCATED IN A SINGLE TRENCH.

8. CONTRACTOR WAS RESPONSIBLE FOR THE INSTALLATION OF MOTOR CONTROL PANEL (MCP-1000) AND PROGRAMMABLE LOGIC CONTROLLER PANEL (PLC-100) AS WELL AS CONNECTING ALL THE NECESSARY INSTRUMENTATION IN THE TREATMENT BUILDING AND AT THE WELLHEADS.

HALEY ALDRICH

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Tel: 585.359.9000
www.haleyaldrich.com

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FORMER DELPHI AUTOMOTIVE SITE GROUNDWATER TREATMENT SYSTEM

ROCHESTER, NEW YORK

GENERAL NOTES

G-2

Sheet: 2 of 21

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PUMP LEGEND

- CENTRIFUGAL PUMP
- SUBMERSIBLE PUMP
- SUMP WITH PUMP AND FLOAT
- AIR OPERATED DIAPHRAGM PUMP
- REGENERATIVE BLOWER
- VACUUM PUMP
- INLINE VERTICAL PUMP
- DIAPHRAGM PUMP
- METERING PUMP
- CENTRIFUGAL FAN
- COMPRESSOR
- PROGRESSIVE CAVITY PUMP
- POSITIVE DISPLACEMENT BLOWER
- DOUBLE SIZE AXIAL FAN
- TORQUE ARRESTOR

VALVE LEGEND

- BALL VALVE
- GLOBE VALVE
- BUTTERFLY VALVE
- GATE VALVE
- CHECK VALVE
- PLUG VALVE
- DRAIN VALVE/ AIR VENT
- STOP COCK
- MOTOR CONTROL VALVE
- SOLENOID VALVE
- AIR OPERATED VALVE
- SAMPLE PORT
- 3-WAY VALVE
- 4-WAY VALVE
- NEEDLE VALVE
- ROOT VALVE
- SELF-ACTING PRESSURE REGULATOR
- PRESSURE RELIEF OR SAFETY VALVE
- VACUUM RELIEF OR SAFETY VALVE
- BACK FLOW PREVENTER
- FLOAT VALVE

TYPICAL VALVE ANNOTATIONS

FO - FAIL OPEN
FC - FAIL CLOSED
FL - FAIL LOCKED (POSITION DOES NOT CHANGE
FI - FAIL INDETERMINATE
FAI - FAIL AS IS
NO - NORMALLY OPEN
NC - NORMALLY CLOSED
LO - LOCKED OPEN
LC - LOCKED CLOSED

PROJECT ACRONYMS

SP SAMPLE PORT

EQUIPMENT LEGEND

- DRUM / TANK
- TANK
- CONICAL BOTTOM TANK
- OPEN TOP TANK
- CLOSED TOP TANK
- COELESCING SEPARATOR
- LOW PROFILE AIR STRIPPER
- DOUBLE WALL TANK
- GRANULAR ACTIVATED CARBON
- VENT TO ATMOSPHERE
- BASKET STRAINER
- CARTRIDGE FILTER
- TURBINE METER
- VORTEX METER
- FILTER
- SAFETY SHOWER
- BAG FILTER
- HEATER
- PITOT TUBE
- MULTI POINT PITOT TUBE ARRAY
- COLLECTION BIN
- GROUNDWATER EXTRACTION WELL
- MOTOR (HP INDICATED) (5.0)
- 500A 3Ø BREAKER
- ELECTRICAL OVERLOAD

EQUIPMENT LEGEND

- CAP
- THREADED CAP
- FLEXIBLE CONNECTOR
- PIPE ANCHOR
- PIPE GUIDE
- PIPE EXPANSION LOOP
- EXPANSION JOINT
- FLOW ARROW
- REDUCER/BUSHING
- AMBIENT AIR
- CAMLOCK
- UNION
- TEE
- PITLESS ADAPTER
- DUCTED AIR FLOW FROM SPACE
- FLANGE
- OPEN DRAIN (SCHEMATIC)
- DRAIN (PLAN VIEW)
- CLEANOUT (PLAN VIEW)
- SANITARY VENT
- SPACE PENETRATIONS
- CC CYCLE COUNTER

INSTRUMENT DESIGNATION

- PADDLE TYPE FLOW SWITCH
- PI 101 FIELD-MOUNTED INSTRUMENT
- PI 101 REMOTE READ INSTRUMENT, PRIMARY LOCATION (E.G., MAIN CONTROL PANEL)
- LAH 002 HH H L LL HUMAN USER INTERFACE (HUI) INCLUDES DISPLAY, STATUS, ALARM, AND/OR SETPOINTS
- XS 101 REMOTE READ INSTRUMENT, AUXILIARY LOCATION
- YC 1 PROGRAMMABLE LOGIC CONTROLLER INPUT/OUTPUT
- ELECTRICAL SIGNAL
- S MOTOR STARTER
- M MOTOR
- VFD VARIABLE FREQUENCY DRIVE
- AL ALARM LIGHT
- AUDIBLE ALARM
- HOA HAND-OFF-AUTO SWITCH

X ENTRY TO THE SYSTEM

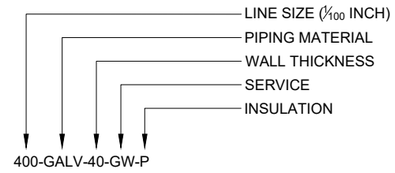
X PIPE OR WIRE IS CONTINUED ON DRAWING X ; FLOW IS FROM THAT DRAWING, OR REFERENCE POINT.

KEY FOR DETAIL CALL-OUT

DETAIL NUMBER
1
C-1
REFERENCE SHEET (WHEN CALLING A DETAIL, THE SHEET NUMBER WHERE THE DETAIL IS LOCATED; WHEN IDENTIFYING THE DETAIL, THE SHEET FROM WHICH THE DETAIL WAS CALLED)

LETTER [ALL POSITIONS]	FIRST POSITION [MEASURED VARIABLE]	SUCCEEDING LETTERS [MODIFIERS]
A	ANALYSIS	ALARM OR ACTIVATE
B	BURNER FLAME	
C	CONDUCTIVITY	CONTROL OR CLOSE
D	DIFFERENTIAL OR DENSITY	DRIVE
E	VOLTAGE OR ELECTRICAL	ELEMENT
F	FLOW	FRACTION
G	GAGING	GLASS
H	HAND	HIGH
I	CURRENT	INDICATOR
J	POWER	SCAN
K	TIME	
L	LEVEL	LOW OR LIGHT
M	MOISTURE OR HUMIDITY	
O	ORIFICE OR OPERATION	OPEN
P	PRESSURE OR VACUUM	POINT
Q	QUANTITY OR INTEGRATE	TOTALIZER
R	RADIOACTIVITY	RECORDER
S	STRAIN OR LIMIT OR SPEED	SWITCH OR STATUS
T	TEMPERATURE	TRANSMITTER
U	MULTIFUNCTION	
V	VARIABLE OR VISCOSITY	VALVE OR LOUVER
W	WATER OR WEIGHT	WELL
X	RUN	RELAY
Y	EVENT OR PROCESS	COMPUTE
Z	POSITION	FINAL CONTROL

PIPING IDENTIFICATION



PIPING MATERIAL ABBREVIATIONS

FLX	FLEX HOSE
HDPE	HIGH DENSITY POLYETHYLENE
PVC	POLY VINYL CHLORIDE

WALL THICKNESS ABBREVIATIONS

10	SCHEDULE 10
40	SCHEDULE 40
80	SCHEDULE 80
K	TYPE "K"
L	TYPE "L"

SERVICE ABBREVIATIONS

AIR		VAPOR	
AB	BREATHING AIR	VR	RAW (UNTREATED)
AI	INSTRUMENT AIR	VT	TREATED
AP	PROCESS AIR	VA	ACID GAS
FUEL		CHEMICAL	
FG	NATURAL GAS	XA	ACID
WATER		XC	CAUSTIC
WC	COOLING - SUPPLY	XO	OXIDIZER
WH	COOLING - RETURN	XX	CHEMICAL ADDITIVE
WP	POTABLE	OXYGEN	
WR	RAW (UNTREATED)	OG	GASEOUS OXYGEN
WT	TREATED	OL	LIQUID OXYGEN
WU	UTILITY		
WF	FIRE		

INSULATION ABBREVIATIONS

N	NONE
P	PERSONAL PROTECTION
H	HEAT CONSERVATION
E	ELECTRICALLY TRACED AND INSULATED
U	UNDERGROUND

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7/24/25

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B	AS-BUILT	HA	06/04/25
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FORMER DELPHI AUTOMOTIVE SITE GROUNDWATER TREATMENT SYSTEM

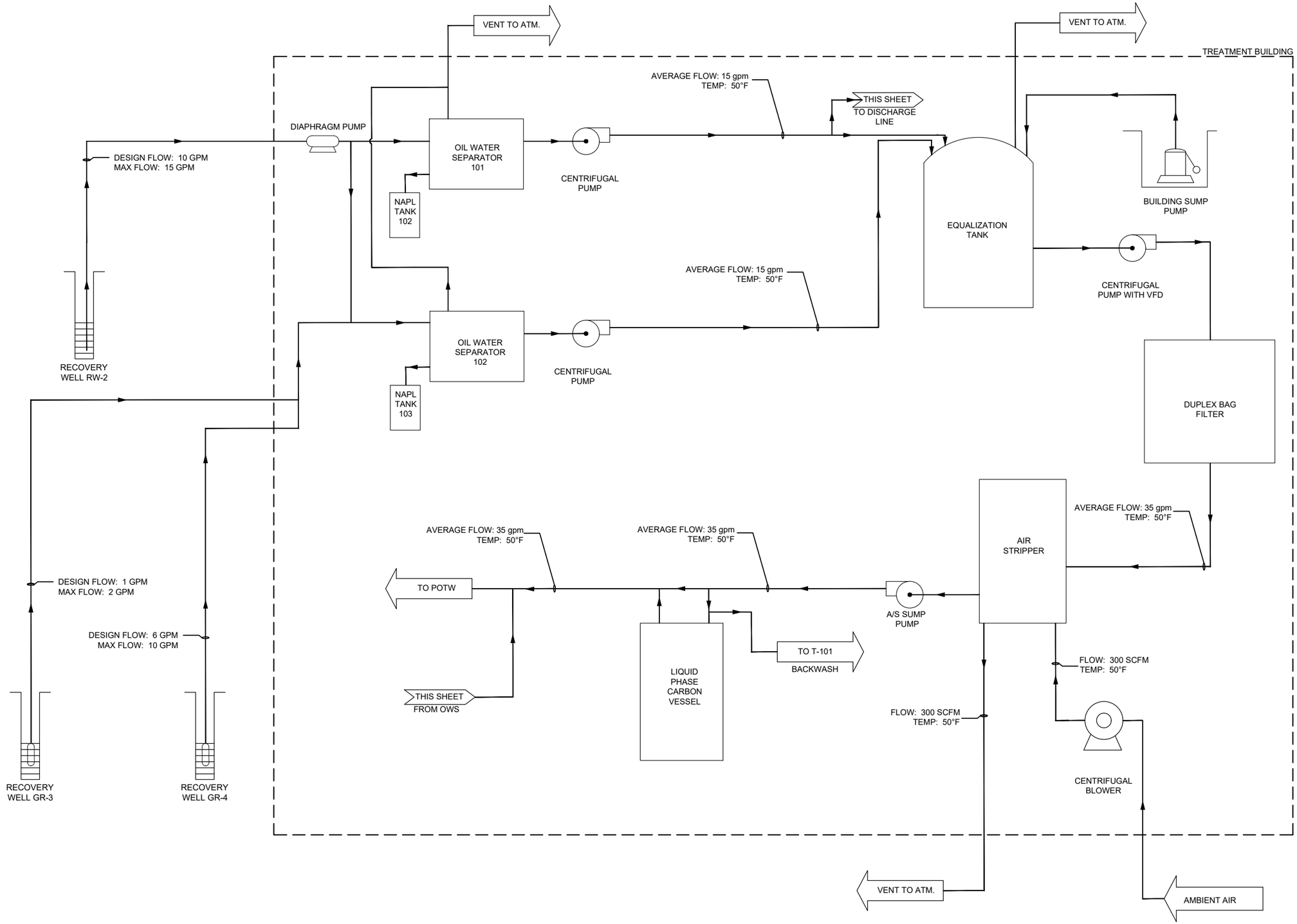
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PROCESS AND INSTRUMENTATION DIAGRAM SYMBOLS AND LEGEND

G-3

Sheet: 3 of 21

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111887
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FORMER DELPHI
AUTOMOTIVE SITE
GROUNDWATER
TREATMENT SYSTEM

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PROCESS FLOW DIAGRAM

P-1

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NOTES:

1. SECONDARY CONTAINMENT CONSISTS OF A 6 IN. HIGH CURB BUILT INTO THE FOUNDATION OF THE BUILDING. THE PRECONSTRUCTED BUILDING WILL SIT ON CURB.

P-101
Transfer Pump
Type: Centrifugal
Flow Rate: 20 gpm @ 9' TDH
Manufacturer: Xylem
Model: ICS 1x1-1/4 x 5, ½ HP

P-102
Transfer Pump
Type: Centrifugal
Flow Rate: 20 gpm @ 9' TDH
Manufacturer: Xylem
Model: ICS 1x1-1/4 x 5, ½ HP

P-103
Transfer Pump
Type: Centrifugal
Flow Rate: 20 gpm @ 49' TDH
Manufacturer: Xylem
Model: ICS 1x1-1/4 x 5, 1 HP

P-105
Sump Pump
Flow Rate: 5 gpm @ 9' TDH
Manufacturer: Goulds
Model: LSP0311A, ⅓ HP

P-106
Submersible Well Pump
Manufacturer: Goulds
Flow Rate: 5 GPM @ 88' TDH
Model: 5GS05R

P-107
Submersible Well Pump
Manufacturer: Goulds
Flow Rate: 15 GPM @ 116' TDH
Model: 10GS05

P-108
Diaphragm Pump
Manufacturer: Edson
Flow Rate: 16.7 GPM @ 20' TDH
Model: PDS 2500

F-101
Duplex Bag Filter
Manufacturer: Rosedale
Max Flow Rate: 50 GPM
Model: 4-2-2P-2-150-S316

H-101
10 kW Unit Heater
Manufacturer: DAYTON
34,100 BTUH
Model: 2YU70

T-101
850 Gallon Bulk Storage Tank
Manufacturer: Chemtainer
Model: VT0850-54

T-102/103
55 Gallon Tight Head Steel Drum
SUPPLIED BY FACILITY

F-102
Granular Activated Carbon
Manufacturer: Siemens, Inc.
Max Flow Rate: 50 GPM
Model: PV-1000

E-101
Coalescing Oil Water Separator
Manufacturer: HydroQuip
Max Flow Rate: 20 GPM
Model: AG-04-26-NY-13-2

E-102
Coalescing Oil Water Separator
Manufacturer: UNKNOWN
Max Flow Rate: 20 GPM
Model: FIBERGLASS

E-103
Low Profile Air Stripper
Manufacturer: Shallow Tray
Max Flow Rate: 50 GPM
Model: 2331-P

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FORMER DELPHI AUTOMOTIVE SITE GROUNDWATER TREATMENT SYSTEM

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PROCESS AND INSTRUMENTATION DIAGRAM

P-2

Sheet: 5 of 21

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APPROXIMATE LOCATION OF POTABLE WATER CONNECTION LINE

APPROXIMATE LOCATION OF ELECTRICAL BANK

STORM MANHOLE

STORM MANHOLE

EXISTING TANK FARM AREA LNAPL RECOVERY TRENCH

UTILITY TRENCH

POTABLE WATER, COMMUNICATION, AND ELECTRICAL CONDUIT FROM FACILITY

RAMP

CLEANOUT

COMPRESSED AIR FROM RW-2

USTB-1/OW-323

EXISTING SANITARY SEWER MANHOLE

RW-2

PUMP SUCTION

4" TREATMENT SYSTEM DISCHARGE

CONNECTION TO SEWER

PUMP DISCHARGE

TREATMENT BUILDING

EXISTING 15 INCH SANITARY SEWER LINE (APPROXIMATE)

GR-3

ELECTRICAL PULL BOX

GR-4

LEGEND:

- EXISTING STORM WATER LINES
- EXISTING SANITARY LINES
- UNDERGROUND PIPING
- UTILITIES FROM PLANT
- 508 TOPOGRAPHIC LINE

0 30 60 90 120

SCALE IN FEET

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CIVIL SITE PLAN

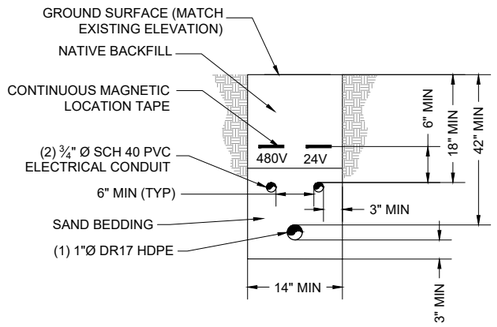
C-1

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NOTES:

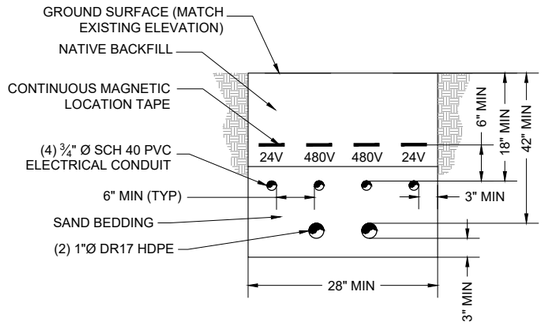
1. ALL PIPING AND CONDUIT SEPARATED BY 6 INCHES.



1 C-1 ONE EXTRACTION WELL PIPE TRENCH (TYP)
NOT TO SCALE

NOTES:

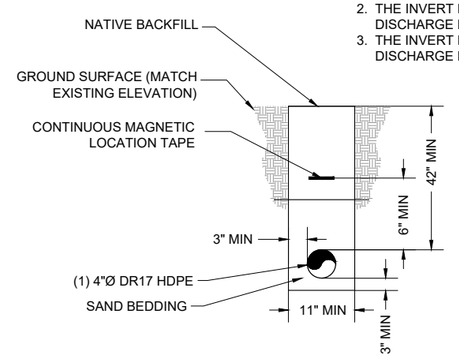
1. ALL PIPING AND CONDUIT SEPARATED BY 6 INCHES.



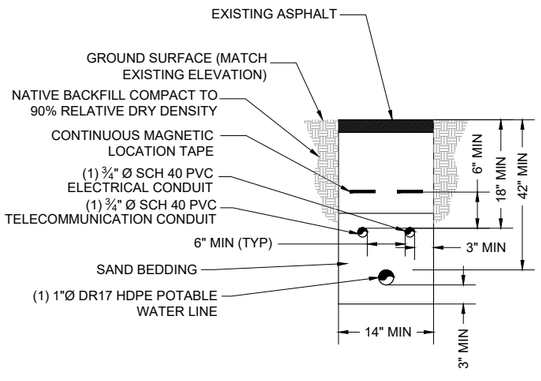
2 C-1 TWO EXTRACTION WELL PIPE TRENCH (TYP)
NOT TO SCALE

NOTES:

1. DISCHARGE PIPING FROM THE TREATMENT BUILDING IS SLOPED AT ½% TOWARDS SANITARY SEWER CONNECTION POINT.
2. THE INVERT ELEVATION OF THE DISCHARGE PIPE AT THE BUILDING IS 503'.
3. THE INVERT ELEVATION OF THE DISCHARGE PIPE IS 502.25'



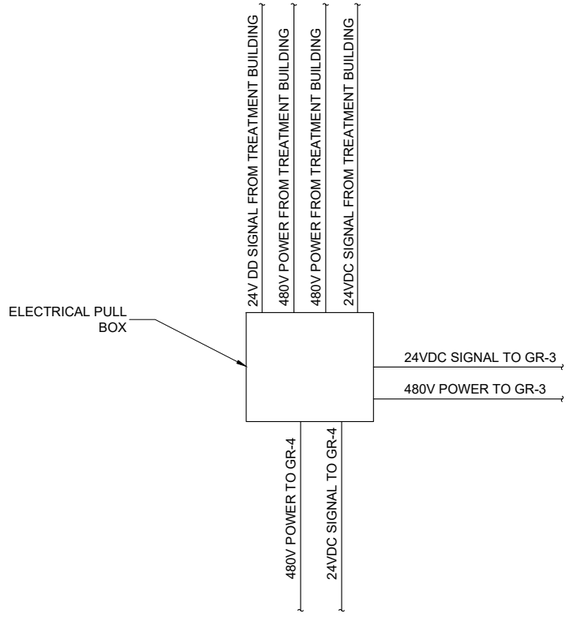
3 C-1 DISCHARGE TO SANITARY PIPE TRENCH (TYP)
NOT TO SCALE



NOTES:

1. ALL PIPING AND CONDUIT SEPARATED BY 6 INCHES.

4 C-1 UTILITIES TO TREATMENT BUILDING (TYP)
NOT TO SCALE



5 C-1 ELECTRICAL CONDUIT SCHEMATIC
NOT TO SCALE

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FORMER DELPHI AUTOMOTIVE SITE GROUNDWATER TREATMENT SYSTEM

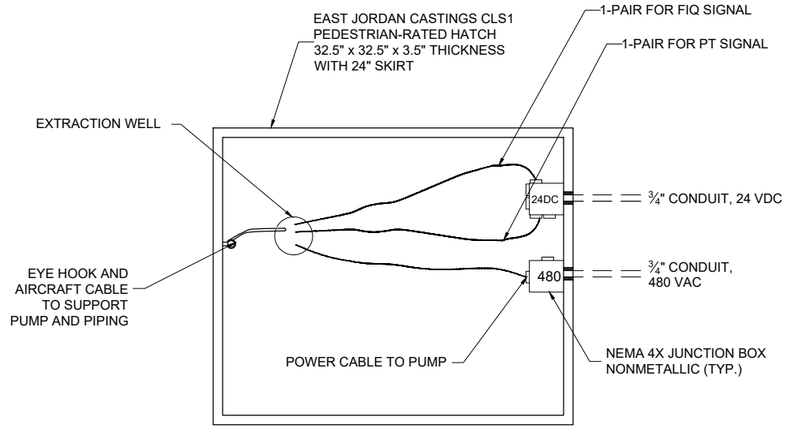
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CIVIL DETAILS - SHEET 1 OF 2

C-2

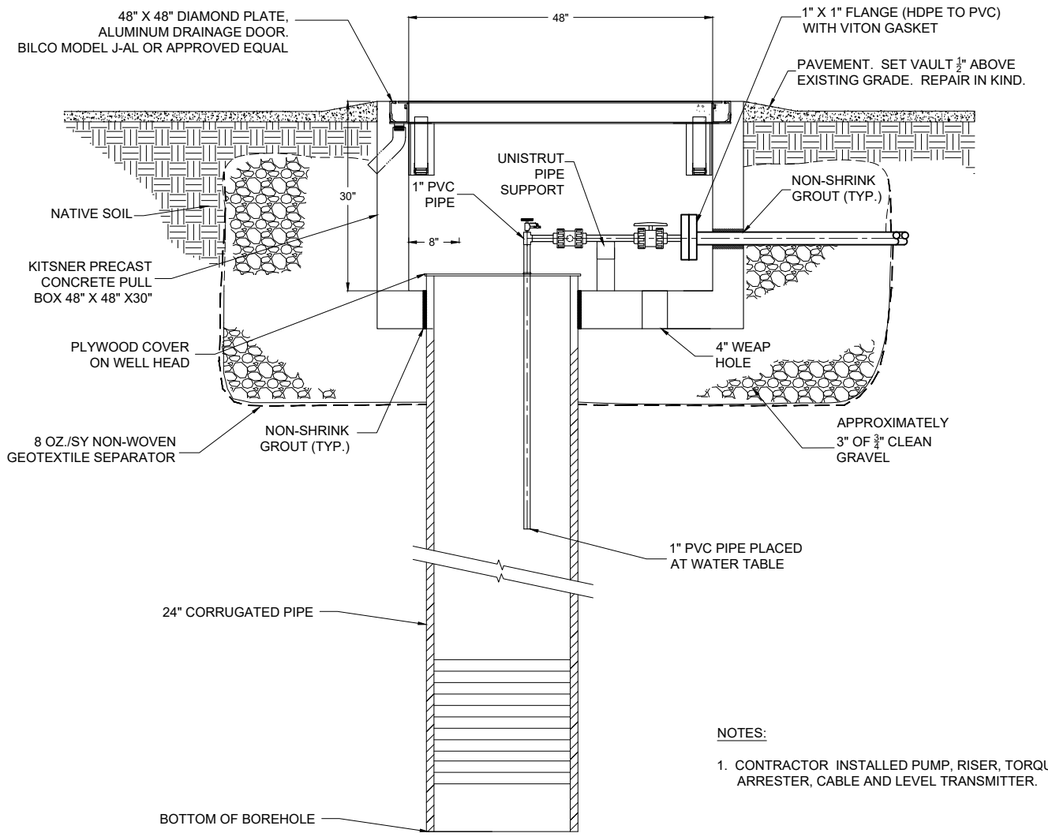
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1 / C-3 EXTRACTION WELLS GR-3/GR-4 DETAIL - PLAN VIEW (TYP)

NOT TO SCALE

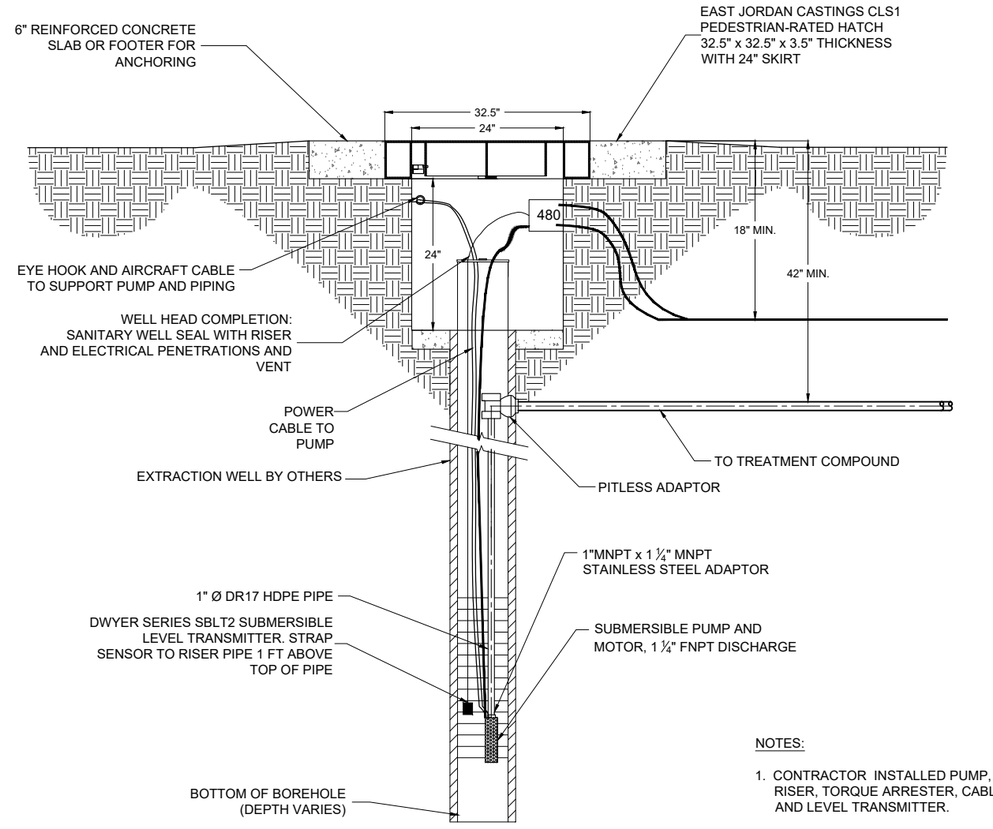


NOTES:

1. CONTRACTOR INSTALLED PUMP, RISER, TORQUE ARRESTER, CABLE AND LEVEL TRANSMITTER.

3 / C-1 RW-2 EXTRACTION WELL DETAIL - ELEVATION (TYP)

NOT TO SCALE

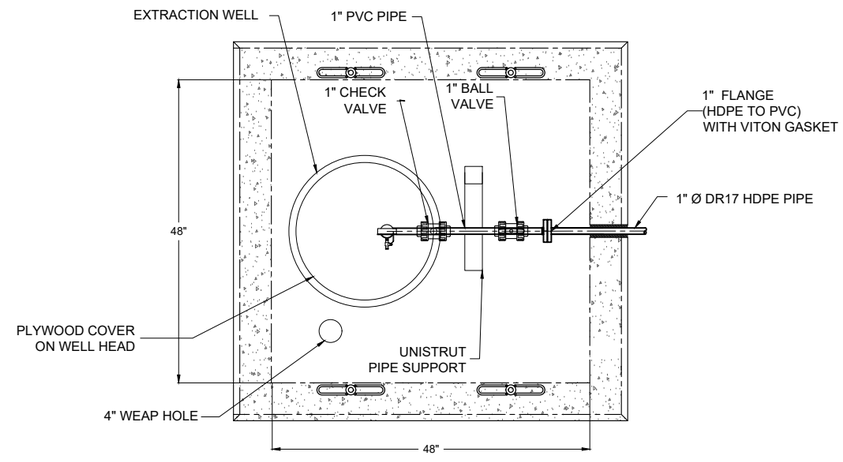


NOTES:

1. CONTRACTOR INSTALLED PUMP, RISER, TORQUE ARRESTER, CABLE AND LEVEL TRANSMITTER.

2 / C-1 EXTRACTION WELLS GR-3/GR-4 DETAIL - ELEVATION (TYP)

NOT TO SCALE



4 / C-3 RW-2 EXTRACTION WELL DETAIL - PLAN VIEW (TYP)

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FORMER DELPHI
AUTOMOTIVE SITE
GROUNDWATER
TREATMENT SYSTEM

ROCHESTER, NEW YORK

CIVIL DETAILS -
SHEET 2 OF 2

C-3

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HEATER ELECTRICAL DISCONNECT
OUTDOOR LIGHT
FIRE ALARM SYSTEM
COMMUNICATIONS LINE
UTILITIES PENETRATE WALL OF BUILDING AND SHALL BE FIELD ROUTED ALONG NORTH WALL OF BUILDING
ELECTRICAL LINE
ELECTRICAL GROUND
SLAB PENETRATION (SEE TABLE 1)
FLOW FROM RW-2 (SEE DRAWING C-1 FOR TRENCH ROUTING)
BUILDING HEATER
SLAB PENETRATION FOR COMPRESSED AIR (SEE TABLE 1)
2" Ø COMPRESSED AIR LINE FROM RW-2
2" Ø POTABLE WATER LINE
HOSE BIB
SLAB PENETRATION (SEE TABLE 1)
CURB
MCP-1000
PP-400
PLC-100
PP-100
TR-1000
P-108 DIAPHRAGM PUMP
18" X 12" INTAKE LOUVER
6'
E-101 COALESCING OIL WATER SEPARATOR
4'-5"
F-102 LIQUID PHASE GRANULAR ACTIVATED CARBON
ROOF TOP FAN
CARBON VESSEL INLET
CARBON VESSEL OUTLET
CARBON MANIFOLD AREA
FLEX HOSE WITH CAMLOCK FITTINGS ATTACHED TO GRANULAR ACTIVATED CARBON VESSEL
T-102 55 GALLON STEEL DRUM
P-101 CENTRIFUGAL PUMP
FLEX HOSE
4'-7"
VENT FROM OWS
24'-5"
T-103 55 GALLON STEEL DRUM
P-102 CENTRIFUGAL PUMP
3'-10"
F-101 DUPLEX BAG FILTER
P-103 CENTRIFUGAL PUMP
TEE FOR DRAIN
T-101 EQUALIZATION TANK
FLEX HOSE
SLAB PENETRATION FOR GROUNDWATER FROM SUB. PUMPS (SEE TABLE 1)
18" x 12" INTAKE LOUVER
1'-7"
3'-0"
AIR GAP BETWEEN DISCHARGE LINE AND SANITARY SEWER
SLAB PENETRATION (SEE TABLE 1)
5 M-3
P-105 SUBMERSIBLE SUMP PUMP
E-102 COALESCING OIL WATER SEPARATOR
3'-3"
STICKUPS SIGNAL CONDUIT FROM SUBMERSIBLE PUMPS (SEE TABLE 1)
2 M-2
DISCHARGE TO SANITARY
VENT FROM AIR STRIPPER
8 IN. AIR DUCT SUPPLY TO AIR STRIPPER
VENT FROM OWS
1 M-2
P-107 SUBMERSIBLE PUMP
P-106 SUBMERSIBLE PUMP
32'-4"

TABLE 1 - SLAB PENETRATIONS

ITEM	EAST / WEST	NORTH / SOUTH
DISCHARGE FROM SYSTEM	45'-9" WEST OF 655	2'-5" NORTH OF 655
FLOW FROM SUB. PUMPS	17'-10" WEST OF 655	2'-11" NORTH OF 655
FLOW FROM RW-2	18'-2" WEST OF 656	2'-5" SOUTH OF 656
POTABLE WATER	46'-8" WEST OF 656	2'-9" SOUTH OF 656
COMPRESSED AIR	39'-6" WEST OF 656	1'-7" SOUTH OF 656

NOTE:

1. NAIL SETS 655 AND 656 ARE OFFSET 15 FT EAST OF THE BUILDING FOOTPRINT. NAIL SET 656 ALIGNS WITH THE NORTHEAST CORNER OF THE BUILDING AND NAIL SET 655 ALIGNS WITH THE SOUTHEAST CORNER OF THE BUILDING

N

0 1.5 3 4.5 6
SCALE IN FEET

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FORMER DELPHI AUTOMOTIVE SITE GROUNDWATER TREATMENT SYSTEM

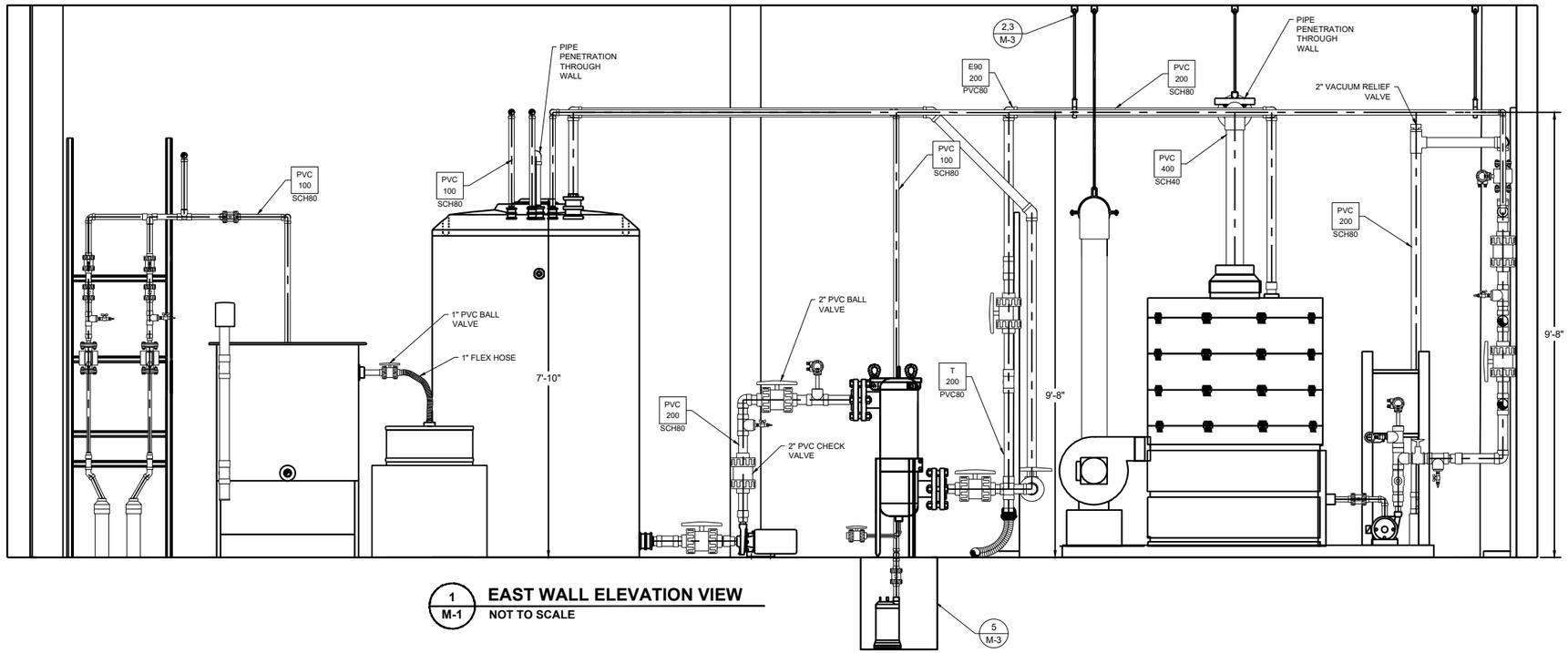
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TREATMENT COMPOUND

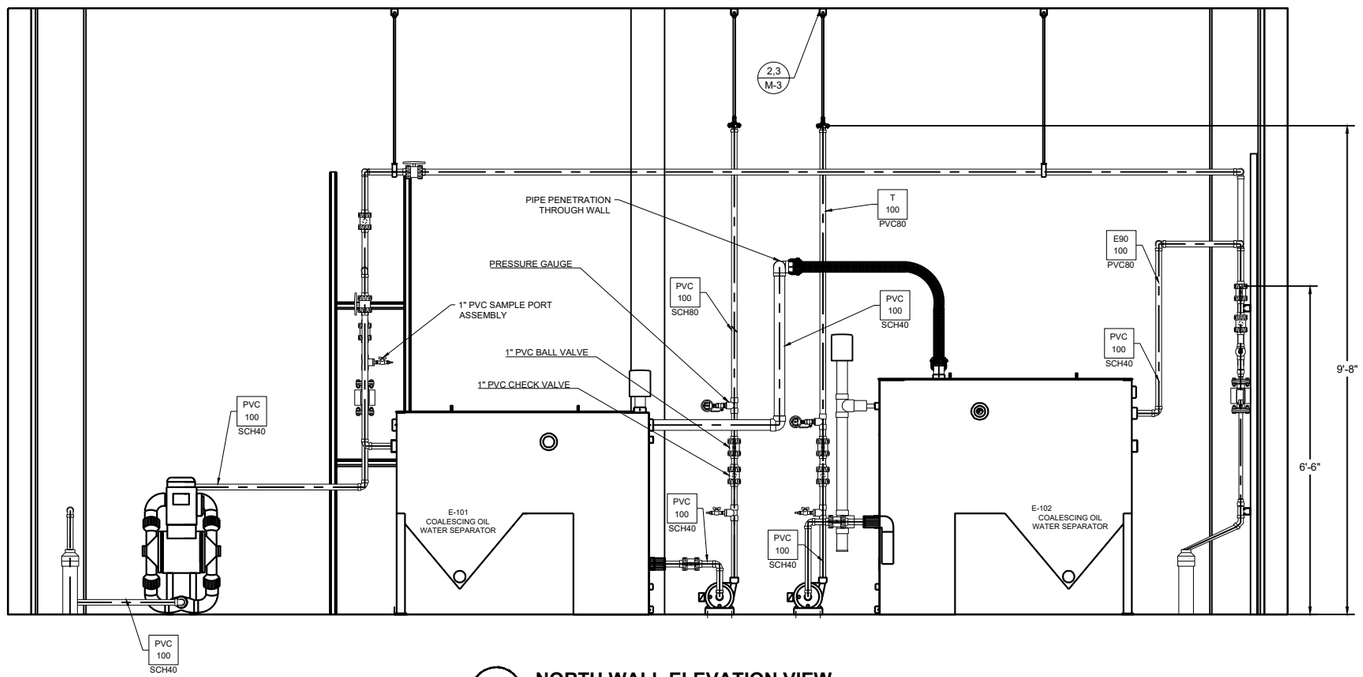
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1 M-1 **EAST WALL ELEVATION VIEW**
NOT TO SCALE



2 M-1 **NORTH WALL ELEVATION VIEW**
NOT TO SCALE

0 18 36 54 72
SCALE IN FEET

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0	100% DESIGN	HA	04/26/13

FORMER DELPHI AUTOMOTIVE SITE GROUNDWATER TREATMENT SYSTEM

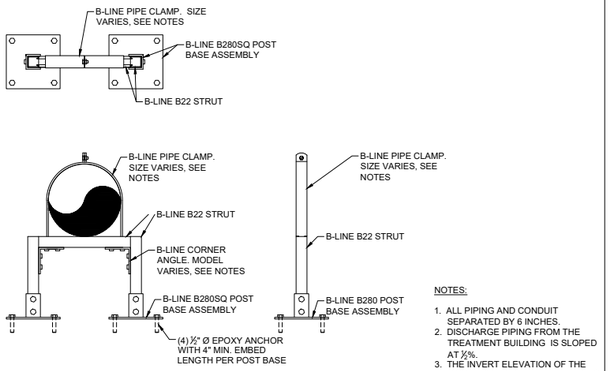
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ELEVATION VIEWS

M-2

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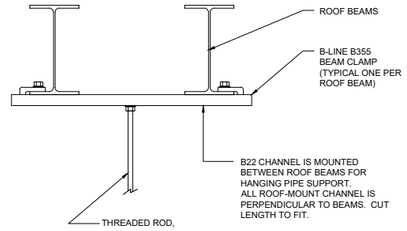
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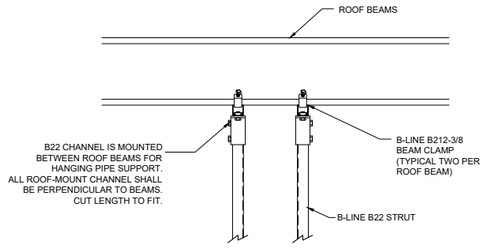
NOTES:

1. ALL PIPING AND CONDUIT SEPARATED BY 6 INCHES.
2. DISCHARGE PIPING FROM THE TREATMENT BUILDING IS SLOPED AT ½%.
3. THE INVERT ELEVATION OF THE DISCHARGE PIPE AT THE BUILDING IS 503'.
4. THE INVERT ELEVATION OF THE DISCHARGE PIPE IS 502.25'

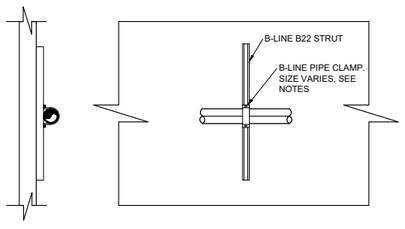
1 / M-3 PIPE SUPPORT DETAIL - FLOOR
NOT TO SCALE



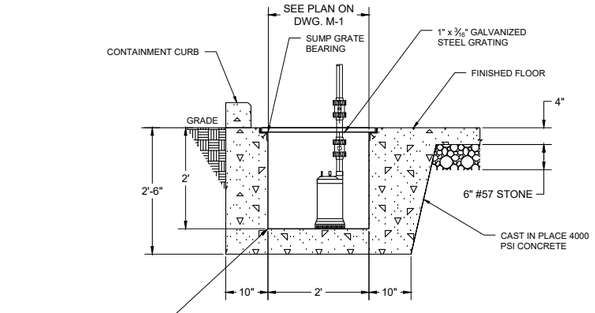
2 / M-3 PIPE HANGER DETAIL (1 OF 2)
NOT TO SCALE



3 / M-3 PIPE HANGER DETAIL (2 OF 2)
NOT TO SCALE



4 / M-3 PIPE SUPPORT DETAIL - WALL
NOT TO SCALE

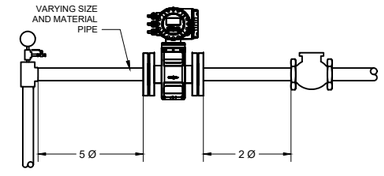


NOTES:

1) ALL PIPE SPACING COMPLIES WITH MANUFACTURER'S SPECIFICATIONS.

2) B-LINE PIPE CLAMP MODELS B2400-1 AND B-2400-2

5 / M-1,2 SUMP DETAIL
NOT TO SCALE



6 / C-3 FLOW METER DETAIL
NOT TO SCALE

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FORMER DELPHI AUTOMOTIVE SITE GROUNDWATER TREATMENT SYSTEM

ROCHESTER, NEW YORK

MECHANICAL DETAILS

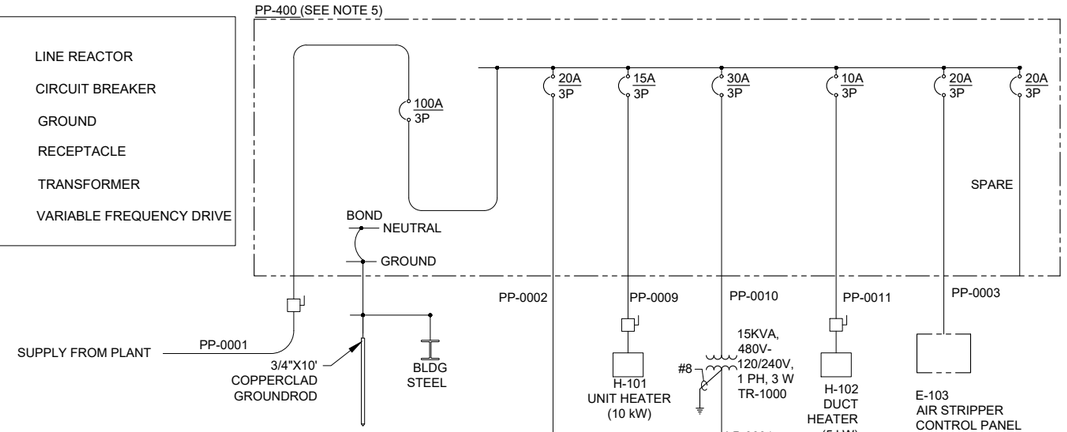
M-3

Sheet: 11 of 21

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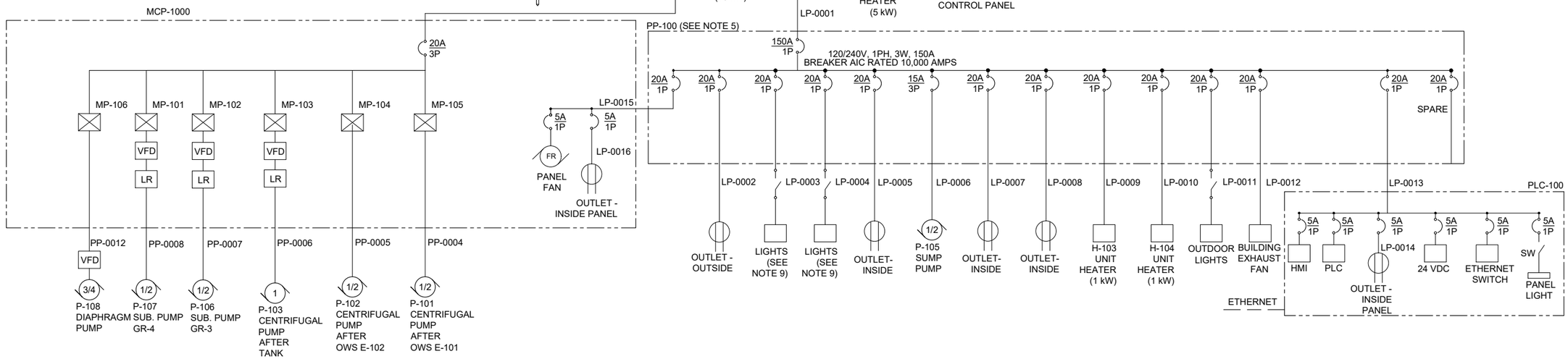
SYMBOLS & LEGEND

(J)	JUNCTION BOX	LR	LINE REACTOR
(5)	MOTOR, HORSEPOWER AS INDICATED		CIRCUIT BREAKER
	DISCONNECT SWITCH		GROUND
	MOTOR PROTECTOR / STARTER		RECEPTACLE
	LIGHT SWITCH		TRANSFORMER
		VFD	VARIABLE FREQUENCY DRIVE



NOTES

1. SWITCH AND RECEPTACLES AT HEIGHTS PER CODE.
2. ALL INSTALLED EQUIPMENT IS LISTED AND APPROVED BY NRTL AND APPROVED FOR THE INTENDED PURPOSE.
3. TR-1000 IS A GE FLOOR-MOUNTED GENERAL PURPOSE QL TRANSFORMER
4. PP-100 & PP-400 IS A SQUARE D I-LINE HCN WALL MOUNTED PANELS WITH IDENTIFIED FA BREAKERS OR APPROVED EQUAL.
5. MINIMUM WIRE SIZE FOR ALL WIRES IS #12
6. MINIMUM CONDUIT SIZE IS ¾ IN.
7. CONDUIT IS SCH. 40 RGS.
8. BUILDING LIGHTS IS A LITHONIA LIGHTING 2LB T8 4 LAMP.



LINE ID	FROM	TO	CABLE/CONDUIT LOCATION	VOLTAGE	PHASE	LOAD (AMPS)	BREAKER / FUSE SIZE (AMPS)	DISTANCE TO LOAD	POWER WIRE SIZE (AWG)	POWER WIRE QUANT.	GROUND SIZE (AWG)	CONDUIT SIZE (INCHES)	SOURCE LOCATION, AND NOTES
PP-0001	Main Power Feed	PP-400	From Facility Supply	480	3	78	100	200	3	3	8	1	Supply still to be determinded
PP-0002	PP-400	MCP-1000 (Motor Control Panel)	Treatment Compound	480	3	6.50	20	25	12	3	12	3/4	PP-400
PP-0003	PP-400	E-103 (Air Stripper Control Panel)	Treatment Compound	480	3	7.60	20	50	12	3	12	3/4	PP-400
PP-0004	MCP-1000	P-101 (Centrifugal Pump for OWS E-101)	Treatment Compound	480	3	1.10		50	12	3	12	3/4	PP-400
PP-0005	MCP-1000	P-102 (Centrifugal Pump for OWS E-102)	Treatment Compound	480	3	1.10		50	12	3	12	3/4	PP-400
PP-0006	MCP-1000	P-103 (Centrifugal Pump for Tank)	Treatment Compound	480	3	2.10		70	12	3	12	3/4	PP-400
PP-0007	MCP-1000	P-106 (Submerisble Pump GR-3)	Trench to Extraction Well	480	3	1.10		356	12	3	12	3/4	PP-400
PP-0008	MCP-1000	P-107 (Submersible Pump GR-4)	Trench to Extraction Well	480	3	1.10		335	12	3	12	3/4	PP-400
PP-0009	PP-400	H-101 (Heater Unit)	Treatment Compound	480	3	12	15	50	12	3	12	3/4	PP-400
PP-0010	PP-400	TR-1000 (120 V Transformer)	Treatment Compound	480	3	20	30	25	12	3	10	3/4	PP-400
PP-0011	PP-400	H-102 (Duct Heater)	Treatment Compound	480	3	6	10	25	12	3	12	3/4	PP-400
PP-0012	MCP-1000	P-108 (Diaphragm Pump)	Treatment Compound	480	3	2		50	12	3	12	3/4	PP-400
LP-0001	TR-1000	PP-100	Treatment Compound	120	1	125	150	25	1/0	2	6	3/4	From TR-1000
LP-0002	PP-100	Outlet Outside	Outside of Treatment Compound	120	1	16	20	50	10	2	12	3/4	PP-100
LP-0003	PP-100	Lights	Treatment Compound	120	1	16	20	50	10	2	12	3/4	PP-100
LP-0004	PP-100	Lights	Treatment Compound	120	1	16	20	50	10	2	12	3/4	PP-100
LP-0005	PP-100	Outlet Inside	Treatment Compound	120	1	16	20	50	10	2	12	3/4	PP-100
LP-0006	PP-100	P-105 (Building Sump Pump)	Treatment Compound	120	1	1.10	15	50	12	2	12	3/4	PP-100
LP-0007	PP-100	Outlet Inside	Treatment Compound	120	1	16	20	50	10	2	12	3/4	PP-100
LP-0008	PP-100	Outlet Inside	Treatment Compound	120	1	16	20	50	10	2	12	3/4	PP-100
LP-0009	PP-100	H-103 (120V Heater Located at GR-3)	Outside of Treatment Compound	120	1	8	20	356	4	2	12	3/4	PP-100
LP-0010	PP-100	H-104 (120V Heater Located at GR-4)	Outside of Treatment Compound	120	1	8	20	335	4	2	12	3/4	PP-100
LP-0011	PP-100	Outdoor Light	Treatment Compound	120	1	16	20	50	10	2	12	3/4	PP-100
LP-0012	PP-100	Building Exhaust Fan	Treatment Compound	120	1	2	15	10	12	2	12	3/4	PP-100
LP-0013	PP-100	PLC-100	Treatment Compound	120	1	16	20	10	12	2	12	3/4	PP-100
LP-0014	PP-100	Outlet Inside Panel PLC-100	Treatment Compound	120	1	3	5	10	12	2	12	3/4	PLC-100
LP-0015	PP-100	MCP-1000 (Motor Control Panel)	Treatment Compound	120	1	16	20	10	12	2	12	3/4	PP-100
LP-0016	PP-100	Outlet Inside Panel MCP-1000	Treatment Compound	120	1	3	5	10	12	2	12	3/4	MCP-1000

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FORMER DELPHI AUTOMOTIVE SITE GROUNDWATER TREATMENT SYSTEM

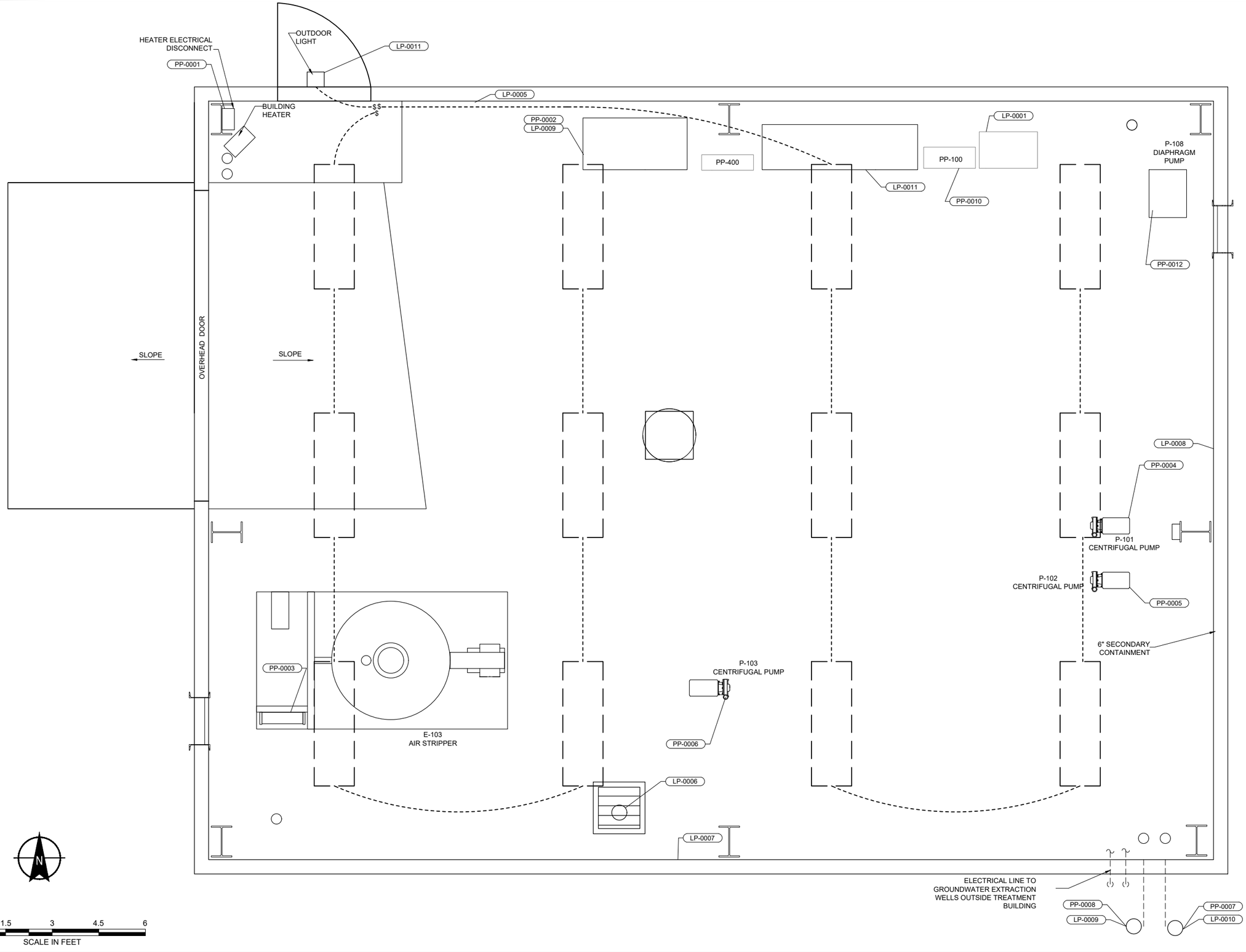
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ONE LINE DIAGRAM

E-1

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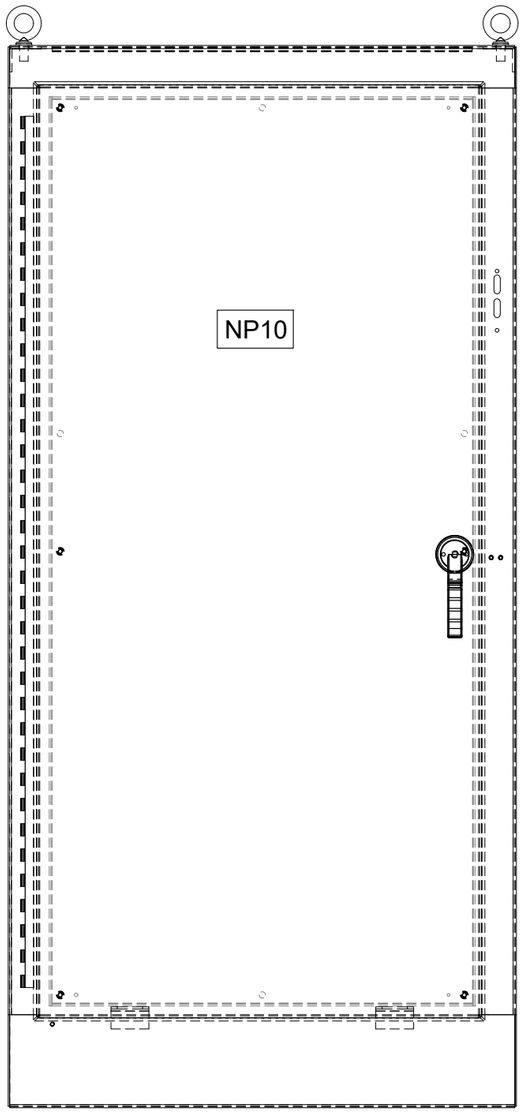
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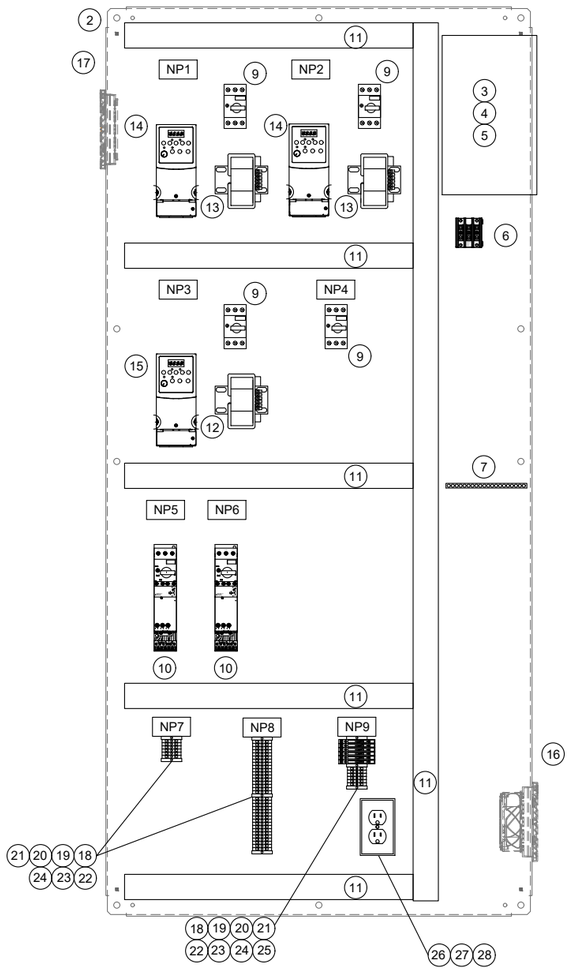
ELECTRICAL POWER PLAN

E-2

Sheet: 13 of 21

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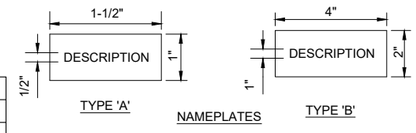


NOTES

1. NAMEPLATES ARE BLACK PHENOLIC WITH WHITE LETTERING
2. SUB PANEL IS BONDED.

ITEM	QTY.	PART #	MANUFACTURER	DESCRIPTION
01	1	A84XM4018SS4	HOFFMAN	FREE STANDING NEMA 4X ENCLOSURE FOR FLANGE-MOUNTED DISCONNECT
02	1	A84PM40	HOFFMAN	SUBPANEL - 72" TALL BY 33.75" WIDE
03	1	1494V-DN30	ALLEN BRADLEY	DISCONNECT KIT - 30 AMP
04	1	1494V-H1	ALLEN BRADLEY	OPERATING HANDLE
05	3	TYPE 'R' FUSES	--	FUSE W/ INDICATOR - 20 AMP
06	1	1492-PDM3111	ALLEN BRADLEY	POWER DISTRIBUTION BLOCK MINI-STYLE BLOCK
07	20	80103-026-52	SQUARE-D	GROUND BAR KIT
08	A/R	3AF	OMEGA	DINRAIL
09	3	140M-C2E-B16	ALLEN BRADLEY	MOTOR PROTECTION CIRCUIT BREAKER: 1-1.6 A FOR .5-1 HP MOTOR
10	2	190S-ANX2-CB16C	ALLEN BRADLEY	COMBINATION STARTER, 24VDC COIL: 1-1.6 A FOR 0.5 HP MOTORS
11	A/R	2030	IBOCO	WIREWAY 2" X 4"
12	1	1321-3R8-C	ALLEN-BRADLEY	LINE REACTOR, 4 FUNDAMENTAL AMPS, FOR 1 HP VFD
13	2	1321-3R2-B	ALLEN-BRADLEY	LINE REACTOR, 2 FUNDAMENTAL AMPS, FOR 0.5 HP VFD

ITEM	QTY.	PART #	MANUFACTURER	DESCRIPTION
14	2	22A-D1P4N104	ALLEN-BRADLEY	POWERFLEX 4 VFD, 480VAC, 0.5HP WITH EMC FILTERING
15	1	22A-D2P3N104	ALLEN-BRADLEY	POWERFLEX 4 VFD, 480VAC, 1HP, WITH EMC FILTERING
16	1	TFP41	HOFFMAN	COOLING FAN PACKAGE, 46/55 CFM, 120 VAC FROM PP-100
17	1	TEP4	HOFFMAN	EXHAUST PACKAGE
18	34	#1001.2	ALTECH	TERMINAL BLOCKS
19	6	#2005.2	ALTECH	END CLAMPS
20	6	#2001.2	ALTECH	END COVERS
21	40	#2037.0	**ALTECH**	TERMINAL STRIP MARKERS
22	A/R	#2094.0/2M	ALTECH	MOUNTING RAIL
23	A/R	#A-1000	UNISTRUT	MOUNTING RAIL STAND-OFF
24	2	#2002.2	ALTECH	PARTITION PLATE
25	6	#2457.2	ALTECH	FUSED TERMINAL BLOCKS W/ LED INDICATOR & BUSSMAN GMA
26	1		LEVITON	RECEPTACLE, DUPLEX, 3-WIRE, 125V, 15AMP, #5241
27	1		BELL	STANDARD WEATHERPROOF BOX, #250BE
28	1		LEVITON	STANDARD DUPLEX COVER PLATE, SS #84003



NAMEPLATE SCHEDULE		
TAG	TYPE	ENGRAVING
NP1	A	P-106
NP2	A	P-107
NP3	A	P-103
NP4	A	P-108
NP5	A	P-101
NP6	A	P-102
NP7	A	24VDC ANLG
NP8	A	24VDC DIG
NP9	A	120VAC
NP10	B	MCP-1000

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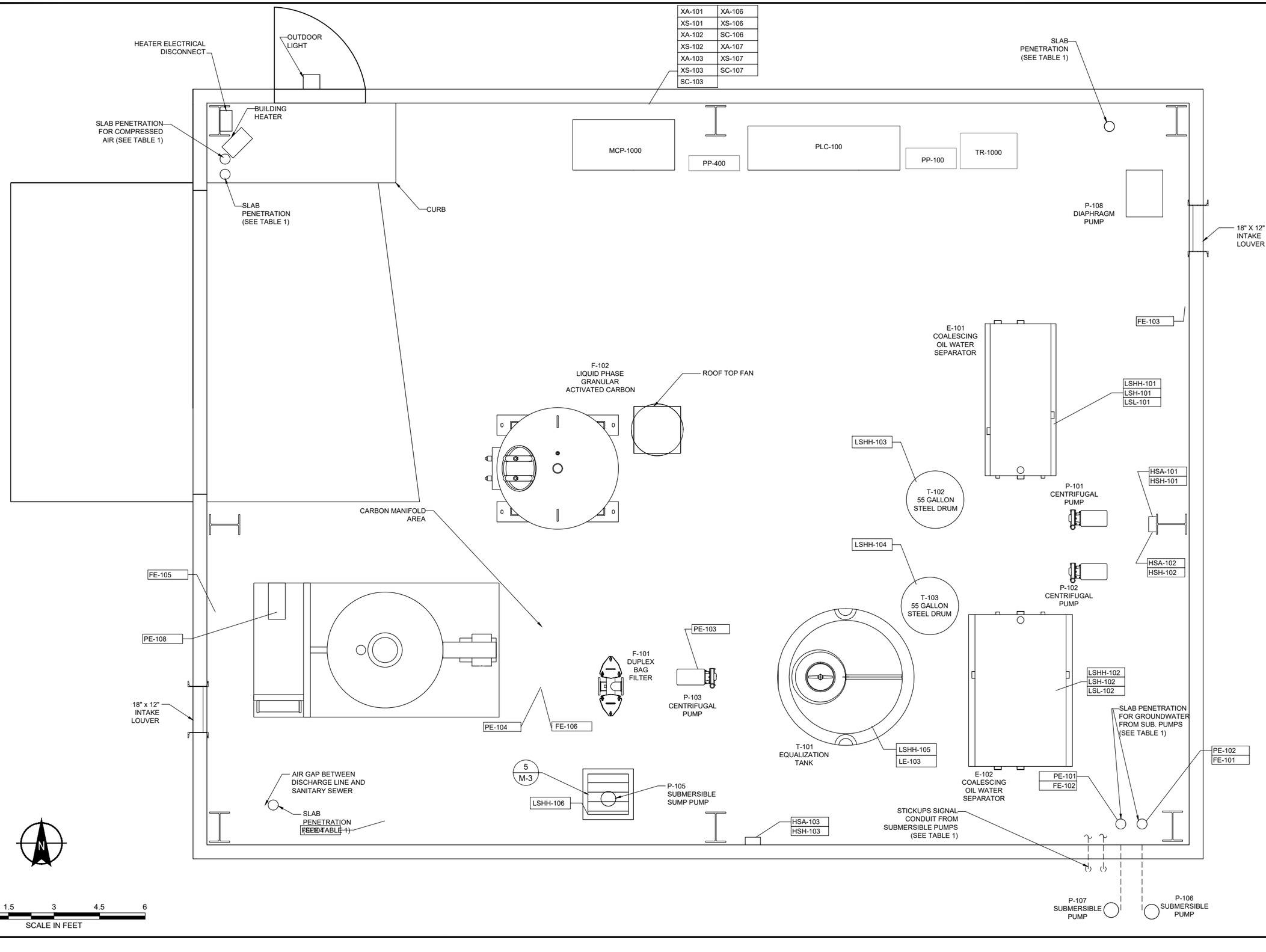
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MOTOR CONTROL PANEL MCP-1000 LAYOUT

E-3

Sheet: 14 of 21

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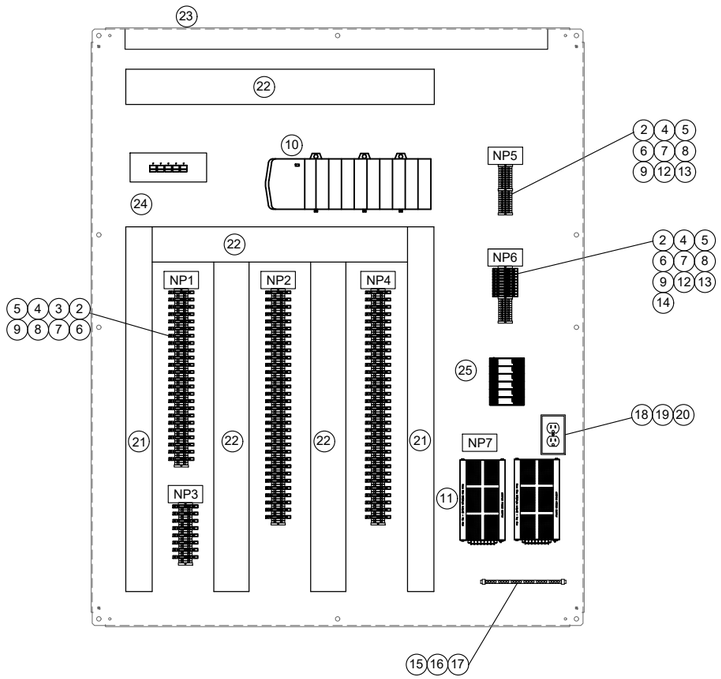
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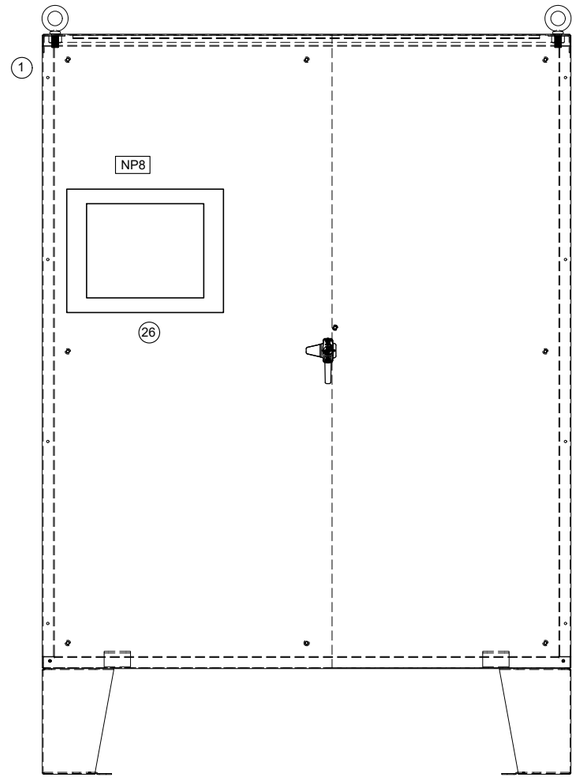
INSTRUMENTATION LAYOUT

I-1

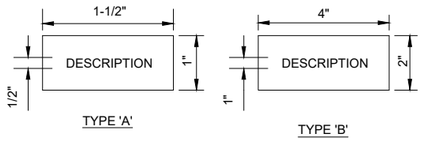
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MATERIAL LIST		
ITEM	QTY.	DESCRIPTION
1	1	ENCLOSURE, FREE STANDING, STEEL, TYPE 12, ONE-DOOR, HOFFMAN A726012ULPG
2	6	GROUP MARKING CARRIER, ALLEN-BRADLEY #1492-N99
3	88	FUSED TERMINAL BLOCK W/ LED INDICATOR, 24V, ALTECH #2449.2 INCLUDING FUSES (BUSSMAN TYPE GMA). SEE WIRING FOR AMPERAGE RATING
4	226	TERMINAL BLOCK, ALTECH #1001.2
5	12	END CLAMP, ALTECH #2005.2
6	12	END COVER, ALTECH #2001.2
7	A/R	TERMINAL STRIP MARKER, ALTECH #2037.0
8	A/R	MOUNTING RAIL, STEEL, ALTECH #2094.0/2m
9	A/R	MOUNTING RAIL STAND-OFF, UNISTRUT #A-1000
10	1	PLC RACKS - 10 SLOT CONTROLLOGIX SYSTEM
11	2	POWER SUPPLY, 24 VDC, ACOPIAN #A24MT350
12	2	PARTITION PLATE, ALTECH #2002.2
13	A/R	INTERNAL JUMPERS, ALTECH #8830.0
14	10	FUSED TERMINAL BLOCK W/ LED INDICATOR, 120V, ALTECH #2457.2 INCLUDING FUSES (BUSSMAN TYPE GMA). SEE WIRING FOR AMPERAGE RATING
15	A/R	GROUND BUSBAR, COPPER, ALTECH #2128.0/1m
16	2	BUSBAR SUPPORT, ALTECH TYPE SH1
17	4	GROUND TERMINAL BLOCK, ALTECH #2138.0
18	1	RECEPTACLE, DUPLEX, 3-WIRE, 125V, 15AMP, LEVITON #5241
19	1	STANDARD WEATHERPROOF BOX, BELL #250BE
20	1	STANDARD DUPLEX COVER PLATE, SS LEVITON #84003
21	A/R	WIRING DUCT, 3"x5", TYPE E, PANDUIT #3X5WH6 W/ COVER TYPE C, #C3WH6
22	A/R	WIRING DUCT, 4"x5", TYPE E, PANDUIT #4X5WH6 W/ COVER TYPE C, #C4WH6
23	1	FLUORESCENT LIGHT, 4' LONG, WITH DOOR SWITCH, HOFFMAN #A-LF16D48
24	1	NETGEAR GS105NA 5-PORT GIGABIT ETHERNET SWITCH, 10/100/1000 MBPS
25	6	RELAY MODULES, 24VDC COIL, FORCE GUIDED, PHOENIX CONTACTS, PART #2963747
26	1	INTEGRATED DISPLAY COMPUTER, 17-INCH TFT DISPLAY, TOUCH SCREEN, SOLID-STATE DRIVE, PERFORMANCE PACKAGE WINDOWS 7, MODEL # 6181F-17TPW7



NAMEPLATE SCHEDULE		
TAG	TYPE	ENGRAVING
NP1	A	AI
NP2	A	DI
NP3	A	AO
NP4	A	DO
NP5	A	24VDC
NP6	A	120VAC
NP7	A	24VDC PWR
NP8	B	PLC-1000

NOTES

1. NAMEPLATES ARE BLACK PHENOLIC WITH WHITE LETTERING
2. SUB PANEL IS BONDED.

HALEY ALDRICH

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Project No.:	0127892-104
Scale:	AS SHOWN
Date:	04-FEBRUARY-2015
Drawn By:	TRB
Designed By:	TRB
Checked By:	DJC
Approved By:	MNR

Stamp:

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7/24/25

Rev.	Description	By	Date
A	AS-BUILT	HA	02/04/15
3	OWS DESIGN MOD	HA	12/16/13
2	FOR BID	HA	07/17/13
1	NYSDEC SUB.	HA	06/28/13
0	100% DESIGN	HA	04/26/13

FORMER DELPHI AUTOMOTIVE SITE GROUNDWATER TREATMENT SYSTEM

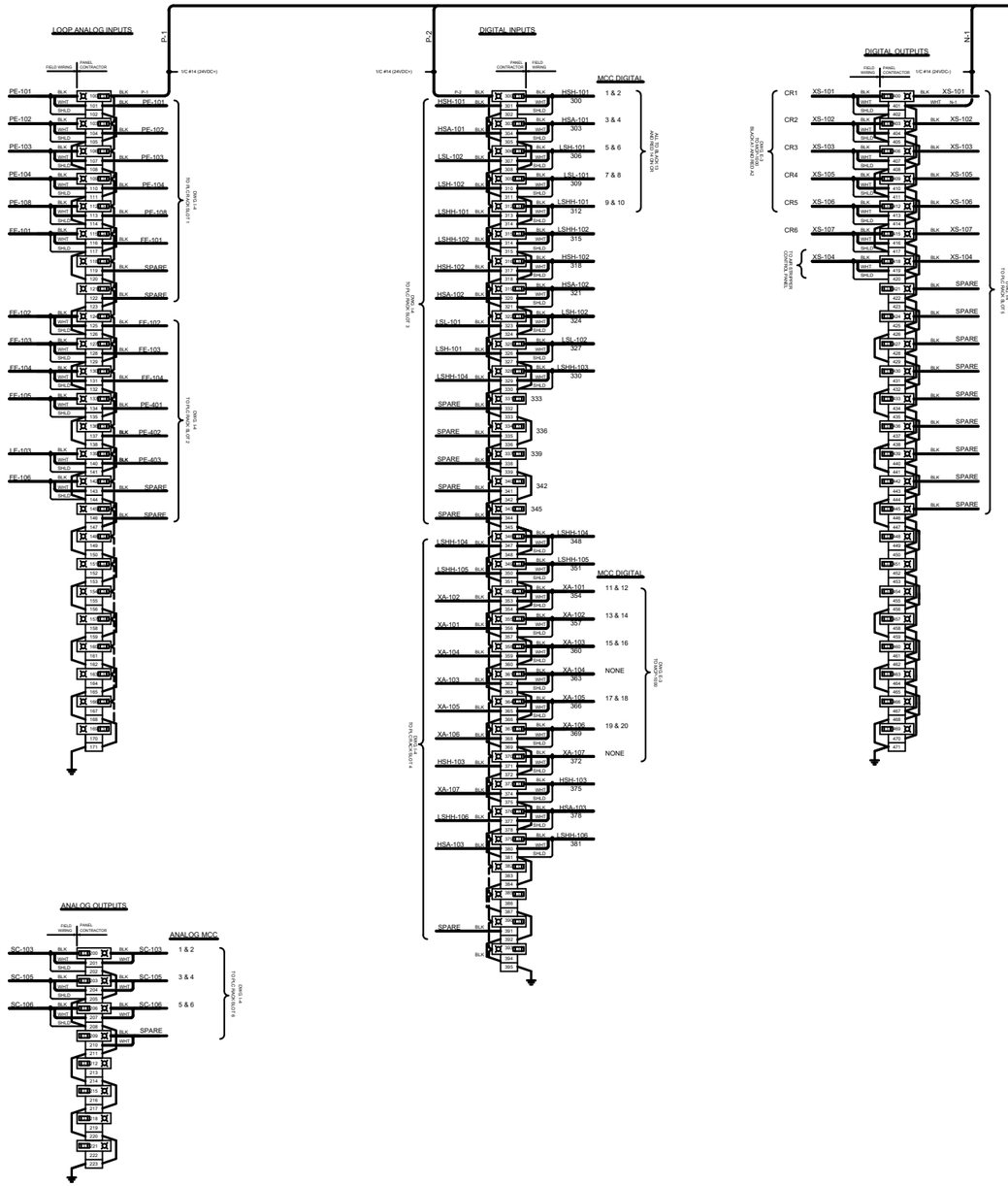
ROCHESTER, NEW YORK

PROGRAMMABLE LOGIC CONTROLLER PLC-100 PANEL LAYOUT

I-2

Sheet: 16 of 21

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ROCHESTER, NEW YORK

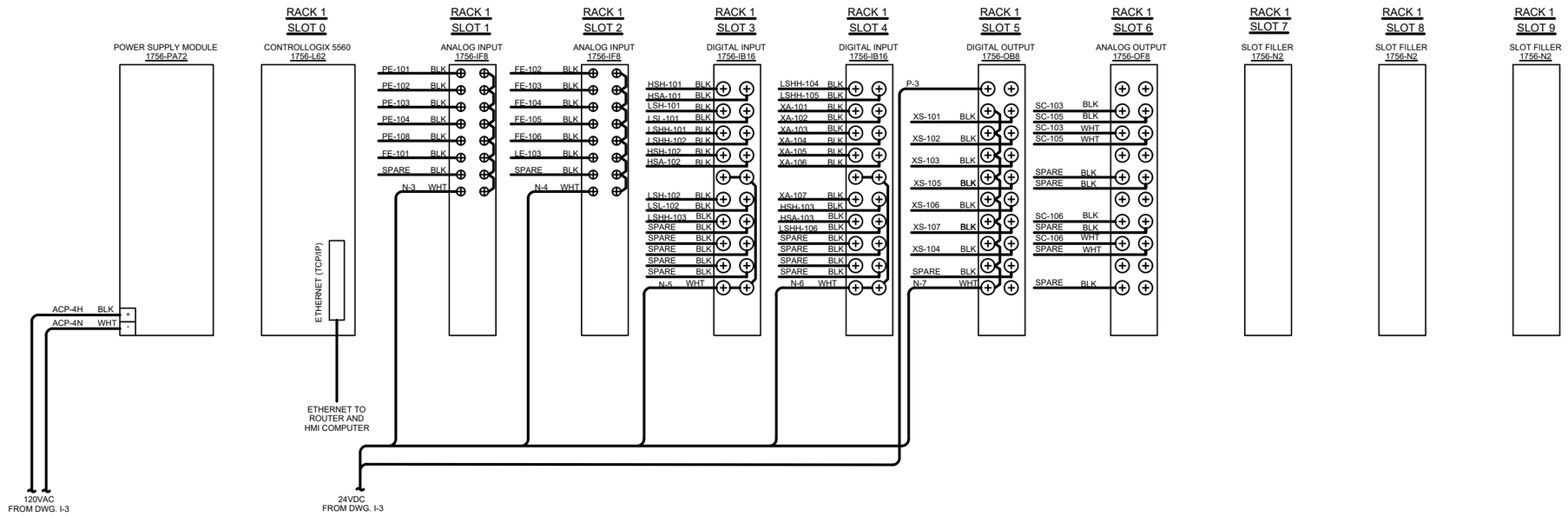
PLC-100 WIRING DIAGRAM

I-3

Sheet: 17 of 21

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Sheet: I-3

PLC RACK
ALLEN-BRADLEY CONTROLLOGIX CONTROLLER
TEN-SLOT CHASSIS (MODEL 1756-A10)



NOTES:

1. ALL INSTRUMENTATION CONNECTS TO THE TERMINAL BLOCKS IN PLC-1000 FOR COMMUNICATION WITH THE PLC. TESTING OF THE INSTRUMENTS AFTER CONNECTION WAS COMPLETED TO ENSURE THAT THEY ARE FUNCTIONING PROPERLY.

INSTRUMENTATION SCHEDULE

INSTRUMENTATION		INSTRUMENTATION	
TAG	ITEM DESCRIPTION	TAG	ITEM DESCRIPTION
PE 101	NoShok Series 612 Submersible Level Transmitter, Two-Wire, 4-20mA output Model: 612-25-1-1N-50-SSTag	LSHH 103	Magnetrol Echotel Contact Ultrasonic Single Point Switch, Aluminum, (2) ¾" NPT, 4" Length Model: 910-A1A0-004
PE 102	NoShok Series 612 Submersible Level Transmitter, Two-Wire, 4-20mA output Model: 612-25-1-1N-50-SSTag	LSHH 104	Magnetrol Echotel Contact Ultrasonic Single Point Switch, Aluminum, (2) ¾" NPT, 4" Length Model: 910-A1A0-004
PE 103	Honeywell STG90L Inline Gauge Transmitter 0-30 PSIG range, ½" Female Connection, 316SS Model: STG90L-E1G-00000-AN,TG,TC-1C	LSHH 105	Magnetrol Echotel Contact Ultrasonic Single Point Switch, Aluminum, (2) ¾" NPT, 6" Length Model: 910-A1A0-006
PE 104	Honeywell STG90L Inline Gauge Transmitter 0-30 PSIG range, ½" Female Connection, 316SS Model: STG90L-E1G-00000-AN,TG,TC-1C	LSHH 106	Magnetrol Echotel Contact Ultrasonic Single Point Switch, Aluminum, (2) ¾" NPT, 4" Length Model: 910-A1A0-004
PE 108	Honeywell STG90L Inline Gauge Transmitter 0-30 PSIG range, ½" Female Connection, 316SS Model: STG90L-E1G-00000-AN,TG,TC-1C	LE 103	Magnetrol Echotel Non-Contact Ultrasonic 2-Wire Transmitter, Aluminum, (2) ¾" NPT Model: 355-510A-10B
LSH 101	Magnetrol Echotel Contact Ultrasonic Single Point Switch, Aluminum, (2) ¾" NPT, 6" Length Model: 910-A1A0-006	FE 101	MagneW Two-Wire Plus Loop Powered Integral Style Flowmeter, ¾" Ø, PFA Liner, Flanged, 4-20mA Model: MTG18A-010PA1LSDAAJT2-XX-X
HSH 101	Magnetrol Echotel Contact Ultrasonic Single Point Switch, Aluminum, (2) ¾" NPT, 6" Length Model: 910-A1A0-006	FE 102	MagneW Two-Wire Plus Loop Powered Integral Style Flowmeter, ¾"Ø, PFA Liner, Flanged, 4-20mA Model: MTG18A-015PA1LSDAAJT2-XX-X
LSL 101	Magnetrol Echotel Contact Ultrasonic Single Point Switch, Aluminum, (2) ¾" NPT, 6" Length Model: 910-A1A0-006	FE 103	MagneW Two-Wire Plus Loop Powered Integral Style Flowmeter, ¾"Ø, PFA Liner, Flanged, 4-20mA Model: MTG18A-015PA1LSDAAJT2-XX-X
LSHH 102	Magnetrol Echotel Contact Ultrasonic Single Point Switch, Aluminum, (2) ¾" NPT, 6" Length Model: 910-A1A0-006	FE 104	Honeywell Versa Meter 4" Integral Vortex Flowmeter 4" 150# RF Flange connection, 4-20mA output Model: VM01-BAAB1-001-00-113V0-00000-03
LSL 102	Magnetrol Echotel Contact Ultrasonic Single Point Switch, Aluminum, (2) ¾" NPT, 6" Length Model: 910-A1A0-006	FE 105	MagneW Two-Wire Plus Loop Powered Integral Style Flowmeter, 1"Ø, PFA Liner, Flanged, 4-20mA Model: MTG18A-025P2LSDAAJT2-XX-X
LSH 102	Magnetrol Echotel Contact Ultrasonic Single Point Switch, Aluminum, (2) ¾" NPT, 6" Length Model: 910-A1A0-006	FE 106	MagneW Two-Wire Plus Loop Powered Integral Style Flowmeter, 1"Ø, PFA Liner, Flanged, 4-20mA Model: MTG18A-025P2LSDAAJT2-XX-X

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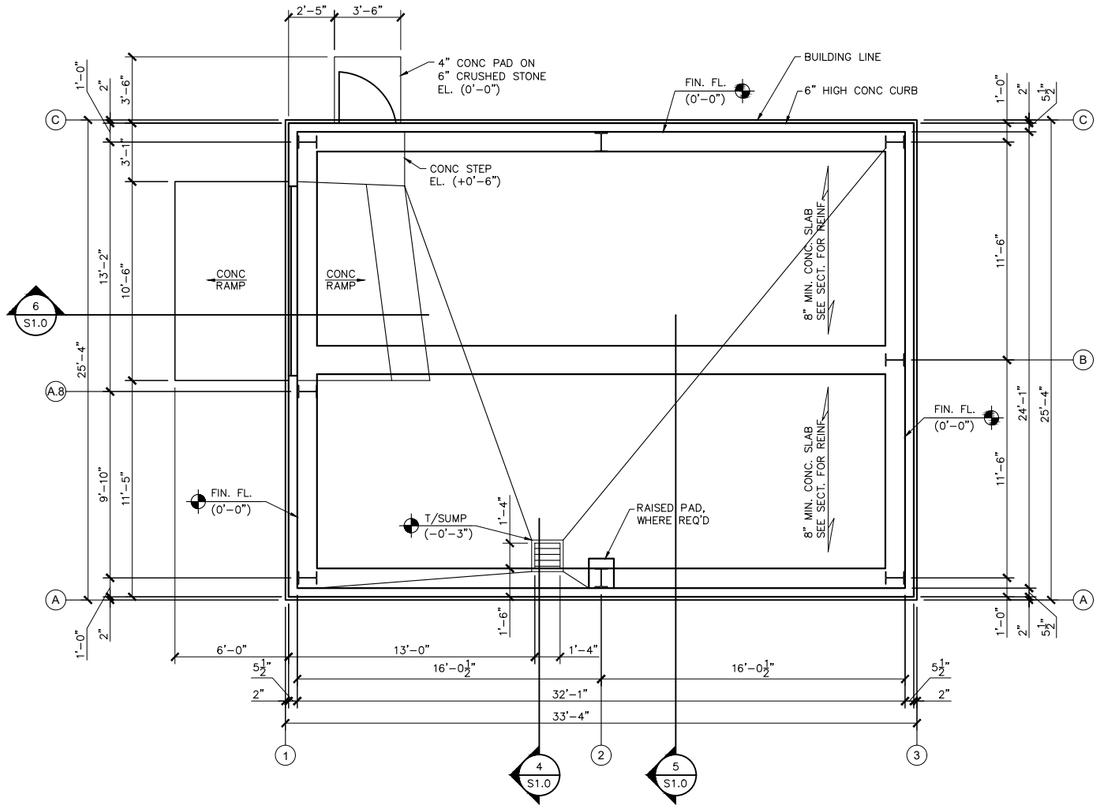
FORMER DELPHI AUTOMOTIVE SITE GROUNDWATER TREATMENT SYSTEM

ROCHESTER, NEW YORK

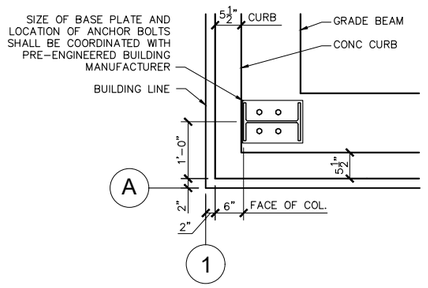
PLC-100 PLC I/O DIAGRAM AND INSTRUMENTATION SCHEDULE

I-4

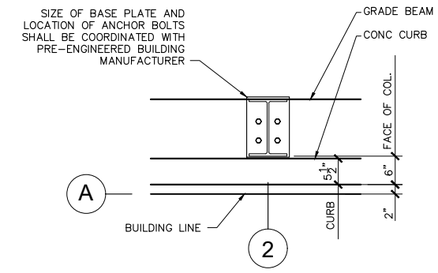
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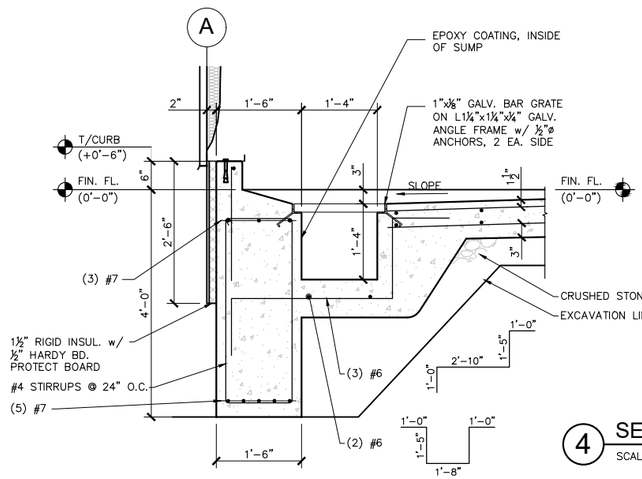
1 FOUNDATION PLAN
SCALE: 1/4"=1'-0"



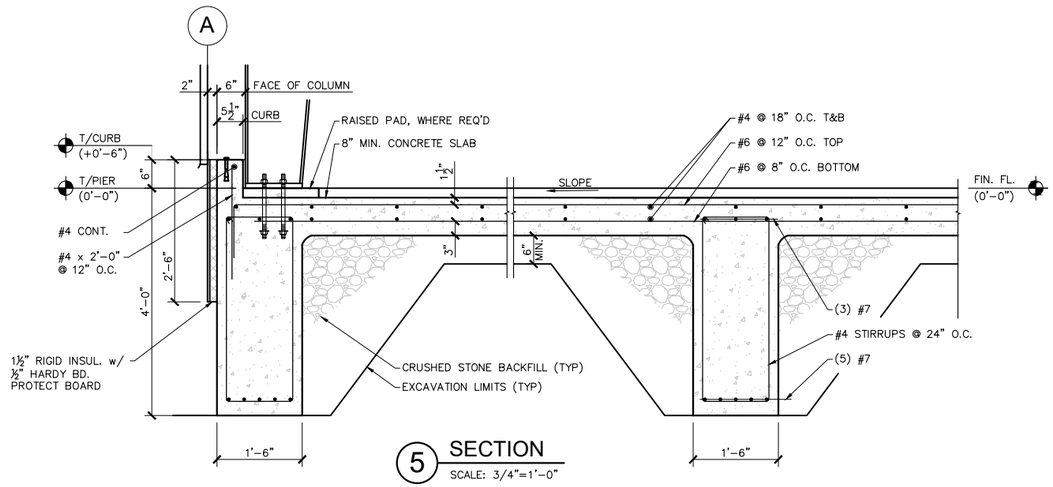
2 PIER DETAIL
SCALE: 3/4"=1'-0"



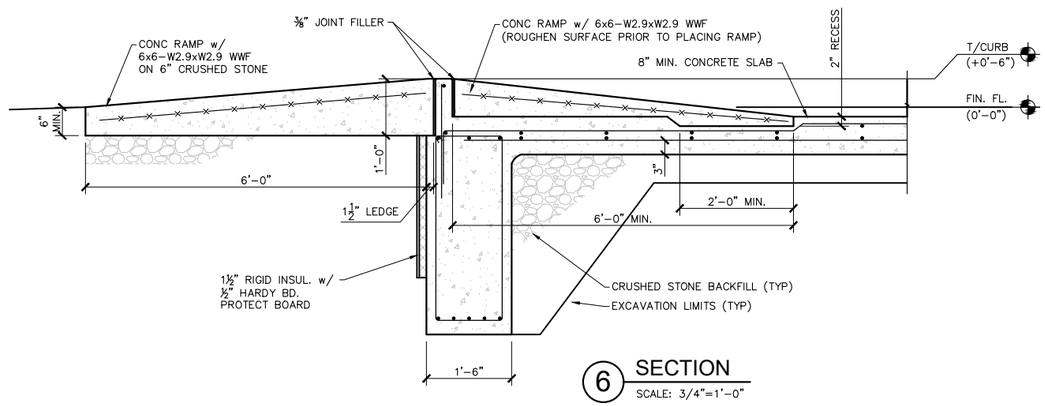
3 PIER DETAIL
SCALE: 3/4"=1'-0"



4 SECTION
SCALE: 3/4"=1'-0"



5 SECTION
SCALE: 3/4"=1'-0"



6 SECTION
SCALE: 3/4"=1'-0"

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FORMER DELPHI
AUTOMOTIVE SITE
GROUNDWATER
TREATMENT SYSTEM

ROCHESTER, NEW YORK

FOUNDATION PLAN AND DETAILS

S-1.0

Sheet: 19 of 21

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Sheet: S-1

GENERAL NOTES

THE CONTRACTOR COMPLIED WITH ALL CONTRACTURAL REQUIREMENTS; WAS RESPONSIBLE FOR CONTROL OF CONSTRUCTION LOCATIONS, ELEVATIONS, DIMENSIONS, AND QUANTITIES; PROTECTED EXISTING UTILITIES; AND PROVIDED QUALIFIED PERSONNEL TO PERFORM AND SUPERVISE WORK.

THE STRUCTURAL ENGINEER WAS NOT RESPONSIBLE FOR, AND DOES NOT HAVE CONTROL OF, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE CONSTRUCTION WORK; NOR WILL HE BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE CONSTRUCTION WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

CONTRACTOR VERIFED ALL CONDITIONS IN THE FIELD AND TOOK ALL NECESSARY FIELD MEASUREMENTS.

FOUNDATIONS

ALL FOOTINGS WERE PLACED ON CLEAN, DRY AND LEVEL SOIL. THE CONTRACTOR TOOK ALL NECESSARY MEASURES TO ENSURE THAT ALL EXCAVATION WORK AND FOUNDATION CONSTRUCTION WAS PERFORMED IN DRY CONDITIONS.

AFTER REMOVAL OF EXISTING PAVEMENT, PRIOR TO EXCAVATION FOR FOUNDATIONS, THE BUILDING PAD WAS GIVEN A THROUGH TAMPING. TAMPING WAS DONE WITH A 10 TON VIBRATORY ROLLER.

ALL STONE BACKFILL IS CONFIRMED TO CRUSHER RUN STONE FREE OF ANY ORGANIC MATTER.

NET ALLOWABLE BEARING PRESSURE FOR ALL FOUNDATIONS IS 500 PSF.

CONCRETE

ALL NORMAL WEIGHT CONCRETE MEETS THE FOLLOWING REQUIREMENTS:

ELEMENT OR AREA	28 DAY STRENGTH	MAX. SLUMP	AIR CONTENT	COARSE AGGREGATE
GRADE BEAM	4000 PSI	4"	4%–6%	ASTM #56
INTERIOR SLAB–ON–GRADE	4000 PSI	3"	OPT.	ASTM #467
EXTERIOR WALKS, RAMPS AND PADS	4000 PSI	3"	6%–8%	ASTM #56

CONCRETE WAS NOT PLACED IN WATER OR ON FROZEN GROUND.

HOT AND COLD WEATHER CONCRETE PRACTICES WERE BE FOLLOWED IN ACCORDANCE WITH ACI 305 AND 306.

ALL REINFORCING BARS WERE NEW BILLET STEEL CONFORMING TO ASTM A615, GRADE 60.

PROVIDED CONCRETE COVER OVER REINFORCING AND MINIMUM REINFORCEMENT LAP AND EMBEDMENT LENGTHS IN ACCORDNACE WITH THE REQUIREMENTS OF ACI 318. PROVIDED CORNER BARS AT ALL FOOTING CORNERS. BARS WERE BE A MINIMUM OF 2'–6" LONG AND HAVE THE SAME SIZE AND SPACING AS THE HORIZONTAL REINFORCEMENT.

ALL REINFORCING WAS DETAILED, FABRICATED, AND PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF ACI 315.

THE FORMS WERE NOT REMOVED UNTIL CONCRETE WAS THOROUGHLY HARDENED AND ATTAINED SUFFICIENT STRENGTH TO SUPPORT ITS OWN WEIGHT AND LIVE LOADS ON IT. CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL OF FORMS AND SHALL REPLACE ANY WORK DAMAGED.

PROVIDED A WET CURE FOR STRUCTURAL SLAB AND EXPOSED GRADE BEAMS. CONCRETE WAS KEPT WET CONTINUALLY FOR A MINIMUM OF 7 DAYS USING PLASTIC SHEETS OR MAT. APPLIED CURING COMPOUND, 2–COATS, TO EXTRACTION WELL PADS, MEETING REQUIREMENTS OF ASTM C309.

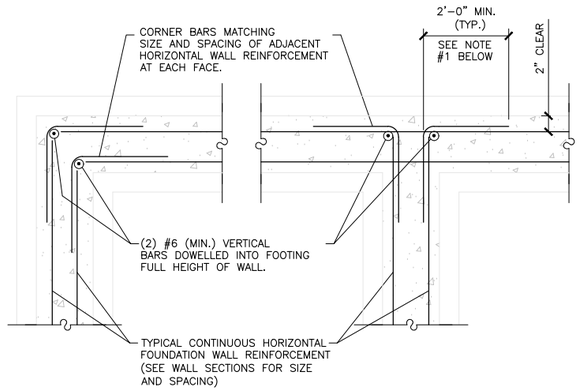
FLOOR OF TREATMENT BUILDING RECEIVED AN EPOXY COATING, AFTER A MINIMUM OF 28 DAYS CURING TIME. THE CONCRETE SURFACE SHALL BE STEEL TROWELED AFTER PLACEMENT. PRIOR TO EPOXY APPLICATION, THE SURFACE WAS ABRADED BY MECHANICAL MEANS IN ACCORDANCE WITH EPOXY MANUFACTURER'S RECOMMENDATION. APPLY (2) COATS OF "GRAY" EPOXY. MATERIAL SHALL BE SIKAGARD 62, OR APPROVED EQUAL.

CONTRACTOR CLEANED UP AND LEGALLY DISPOSE OF OFF PREMISES ALL CRATING, PACKING, SCRAPS, WASTE MATERIALS AND OTHER REFUSE WHICH HAS BEEN BROUGHT ONTO THE SITE OR WHICH HAS ACCUMULATED AS A RESULT OF WORK PERFORMED.

PRE-ENGINEERED METAL BUILDING

FOUNDATIONS HAVE BEEN DESIGNED FOR ASSUMED LOADS. THE FOUNDATION DESIGN WAS VERIFIED TO COMPLY WITH FINAL BUILDING DESIGN LOADS BY A CERTIFIED ENGINEER PRIOR TO COMMENCEMENT OF ANY FOUNDATION WORK.

FINAL SIZES OF BASE PLATES AND LOCATIONS AND SIZES OF ANCHOR BOLTS WERE COORDINATED WITH THE PRE–ENGINEERED BUILDING MANUFACTURER.

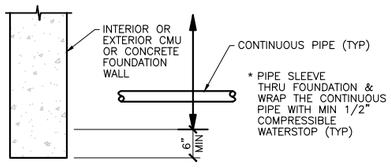


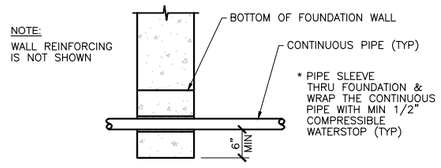
NOTES:

1. ALL BAR LAP LENGTHS ARE 2'–0" MIN. OR LONGER TO DEVELOP A CLASS 'A' SPLICE.
2. VERTICAL WALL REINFORCEMENT IS NOT SHOWN FOR CLARITY. SEE WALL SECTIONS FOR SIZE AND SPACING.

TYPICAL FOUNDATION WALL DETAILS

NO SCALE

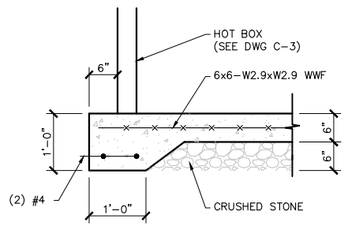




NOTE: PROVIDE 2" MINIMUM CLEAR SPACE BETWEEN ADJACENT PIPES.

TYPICAL PIPE DETAIL AT FOUNDATION

NO SCALE



EXTRACTION WELL PAD SECTION

NO SCALE

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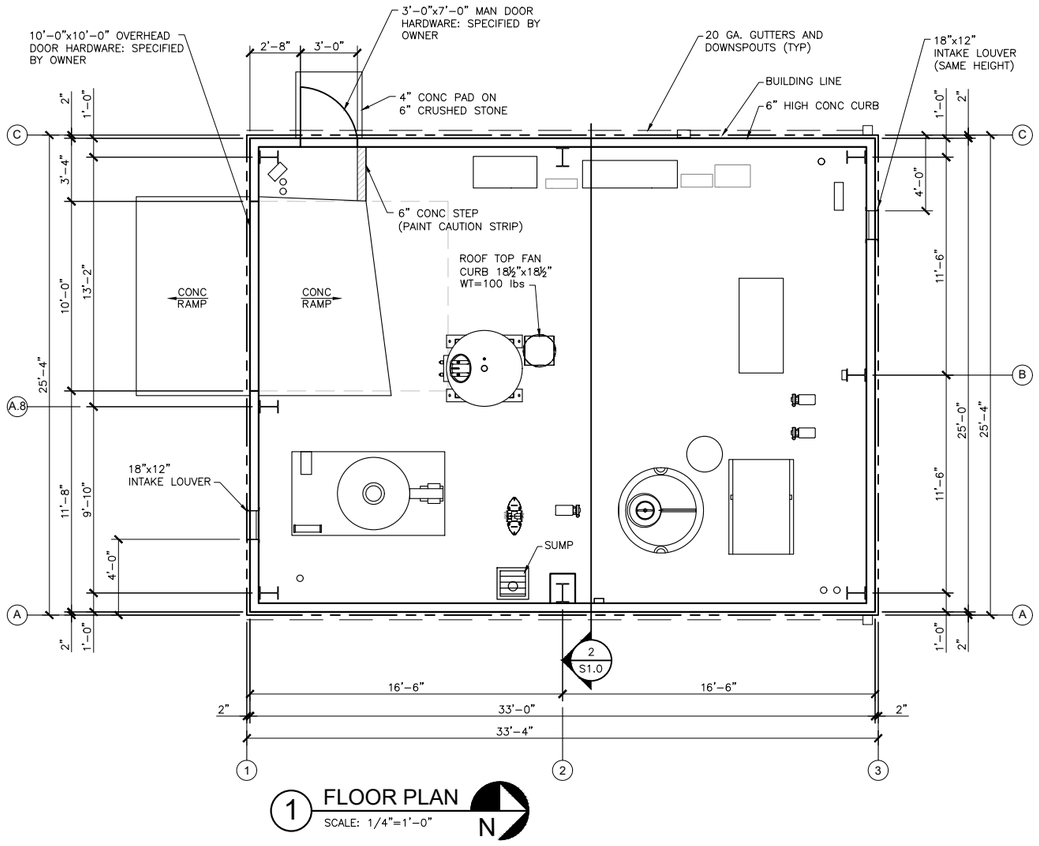
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STRUCTURAL NOTES

S-1.1

Sheet: 20 of 21

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1 FLOOR PLAN
SCALE: 1/4"=1'-0"

DESIGN PARAMETERS

NEW YORK STATE BUILDING CODE (2010) AND ASCE 7-05

SNOW LOAD CRITERIA

FLAT ROOF SNOW LOAD:	31 PSF
GROUND SNOW LOAD:	40 PSF
SNOW EXPOSURE FACTOR (Ce): "C" FULLY EXP	1.0
SNOW LOAD IMPORTANCE FACTOR (Is): "I"	1.0
SNOW LOAD THERMAL FACTOR (Ct):	1.1
SNOW DRIFTING:	PER ASCE 7

WIND LOAD CRITERIA

BASIC WIND SPEED:	90 MPH
WIND IMPORTANCE FACTOR (Iw): "I"	1.0
WIND EXPOSURE CATEGORY:	"C"
DESIGN WIND PRESSURE (MWFRS):	PER ASCE 7

SEISMIC LOAD CRITERIA

SEISMIC DESIGN CATEGORY:	"B"
EARTHQUAKE IMPORTANCE FACTOR (Ie): "I"	1.0
SITE CLASSIFICATION:	"D"
SPECTRAL RESPONSE COEFFICIENT SDS:	0.206
SPECTRAL RESPONSE COEFFICIENT SD1:	0.092
ANALYSIS PROCEDURE:	EQUIV. LATERAL FORCE
SEISMIC FORCE RESISTING SYSTEM:	LIGHT FRAME SYSTEM-OTHER MATERIAL

COLLATERAL LOAD

MANUFACTURER INCLUDED A 10 PSF COLLATERAL LOAD FOR SUSPENDED PIPING.

BUILDING CODE INFORMATION

STANDARDS:
NEW YORK STATE BUILDING CODE-2010
ANSI A117.1-2003
NYS ENERGY CONSERVATION CONSTRUCTION CODE

CLASSIFICATION BY OCCUPANCY:
UTILITY USE GROUP (U)

CLASSIFICATION BY CONSTRUCTION TYPE:
IIB CONSTRUCTION

BUILDING AREAS:
PROPOSED FIRST FLOOR: 845 s.f.
ALLOWABLE AREA (TABULAR): 8,500 s.f. (PER TABLE 503)

BUILDING HEIGHT:
PROPOSED: (1) STORY - 14'-0" +/-
ALLOWABLE HGT (TABULAR) (2) STORY

SEPARATIONS:
NOT REQUIRED - NONE PROVIDED

SPRINKLERS:
NOT REQUIRED - NOT PROVIDED

FIRE ALARMS:
ALARM SYSTEM WAS PROVIDED PER CODE SECTION (F)-907. FIRE ALARM DRAWINGS WILL BE PROVIDED UNDER SEPARATE COVER.

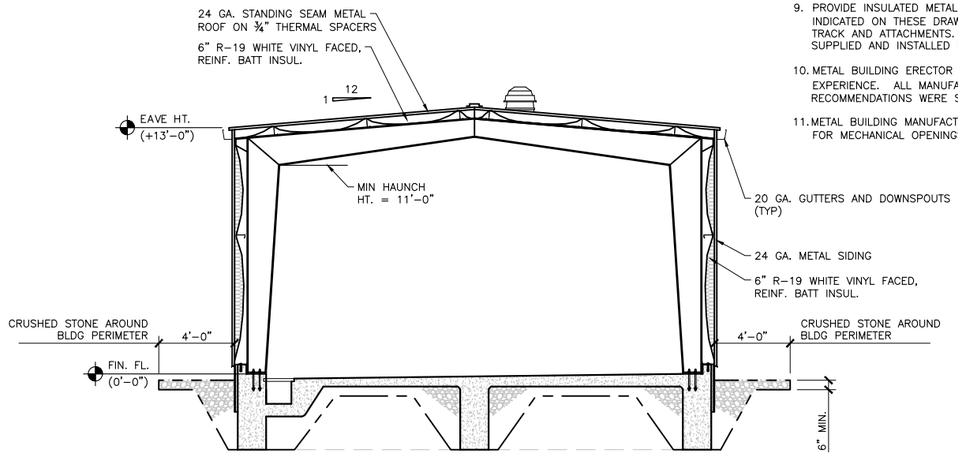
OCCUPANT LOAD: (300 s.f./ OCCUPANT)
UTILITY (U) 845 / 300 GSF: 3 OCCUPANTS
(BLDG. WILL NOT BE OCCUPIED ON A REGULAR BASIS)

EGRESS:

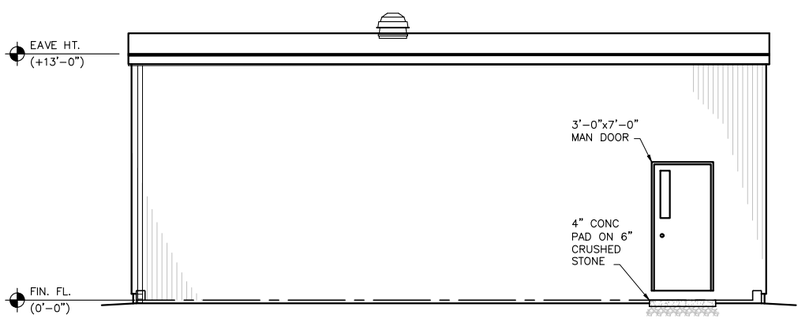
	REQUIRED	PROVIDED
TRAVEL DISTANCE:	75' MAX	35'
COMMON PATH:	75' MAX	35'
EGRESS WIDTH:	32"	(1)3'-0"x7'-0" DOOR

METAL BUILDING SYSTEM

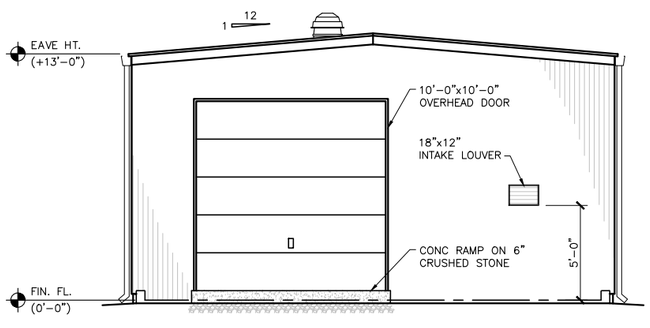
1. PROVIDED A PRE-ENGINEERED METAL BUILDING SYSTEM CONFORMING TO THE DIMENSIONS AND LOADING CRITERIA AS INDICATED ON THESE DRAWINGS.
2. REFERENCE STANDARDS FOR THE BUILDING MANUFACTURER ARE INCLUDED:
   a. MBMA - METAL BUILDING MANUFACTURER'S ASSOCIATION
   b. AISC - AMERICAN INSTITUTE OF STEEL CONSTRUCTION
   c. AISI - AMERICAN IRON AND STEEL INSTITUTE
   d. AWS - AMERICAN WELDING SOCIETY
   e. ASTM - INTERNATIONAL
3. METAL BUILDING STRUCTURE AND CLADDING WAS DESIGNED FOR THE LOADING REQUIREMENT AS INDICATED ON THESE DRAWINGS. LOAD COMBINATIONS WAS IN ACCORDANCE WITH MBMA.
4. SUBMITTED FINAL ERECTION DRAWINGS, STAMPED AND SEALED BY A PROFESSIONAL ENGINEER, LICENSED IN THE STATE OF NEW YORK.
5. SUBMITTED COLOR SAMPLES OF METAL ROOFING AND SIDING FOR SELECTION BY OWNER. ALL COLOR SAMPLES WERE MANUFACTURER'S STANDARD COLORS.
6. FURNISHED MANUFACTURER'S 20 YEAR WARRANTY PROVIDING COVERAGE AGAINST FLAKING, CHIPPING, CRACKING, FADING, OR DELAMINATION OF METAL WALL AND ROOF PANELS.
7. ROOF PANELS WERE 24 GAGE (MIN.) STANDING SEAM, MACHINE SEAMED WITH CONCEALED CLIPS. SEAMS HAVE PRE-APPLIED BUTYL SEALANT. CLIPS WERE SET ON ¾" THERMAL SPACERS. FINISH IS KYNAR/500.
8. WALL PANELS WAS 24 GAGE (MIN.) THROUGH-FASTENED, REVERSE ROLLED WITH ¾" X 6" RIB PROFILE. PANEL FINISH WAS KYNAR/500.
9. PROVIDE INSULATED METAL OVERHEAD AND WALK DOOR AS INDICATED ON THESE DRAWINGS. FURNISHED ALL HINGES, TRACK AND ATTACHMENTS. LOCKSETS SPECIFIED BY OWNER, SUPPLIED AND INSTALLED BY CONTRACTOR.
10. METAL BUILDING ERECTOR WERE A MINIMUM OF 5 YEARS' EXPERIENCE. ALL MANUFACTURER'S DIRECTIONS AND RECOMMENDATIONS WERE STRICTLY FOLLOWED.
11. METAL BUILDING MANUFACTURER PROVIDED ALL FRAMING FOR MECHANICAL OPENINGS.



2 BUILDING SECTION
SCALE: 1/4"=1'-0"



3 WEST ELEVATION
SCALE: 1/4"=1'-0"



4 SOUTH ELEVATION
SCALE: 1/4"=1'-0"

3'-0"x7'-0" SWING DOOR

3070 STANDARD PREASSEMBLED DOOR INCLUDES THE FOLLOWING COMPONENTS:

1. 12 GAUGE, GALVANNEALED, ADJUSTABLE GIRT CLIPS.
2. KERFED WEATHERSEAL.
3. ADJUSTABLE SWEEP.
4. 5-3/4", ALUMINUM THRESHOLD
5. BALL-BEARING HINGES - 4½"x4½" WITH A NON-REMOVABLE PIN (26D FINISH).
6. 16 GAUGE, GALVANNEALED, SUBFRAME (FRAMED OPENING). SIZED TO MATCH GIRT DEPTH.
7. 5¾", 16 GAUGE, GALVANNEALED, INSULATED, DOOR FRAME.
8. 20 GAUGE, GALVANNEALED, INSULATED, DOOR LEAF. (R8 MIN.)
9. PRODUCTS MANUFACTURED BY GLOBAL BUILDING PRODUCTS OR EQUAL

10'-0"x10'-0" INSULATED SANDWICH STYLE OVERHEAD DOOR

DOOR SECTIONS:

1. TYPE: MICRO-GROOVED SANDWICH STYLE, MANUAL OPERATION
2. MATERIAL: GALVANIZED STEEL.
3. GAUGE: 26 GAUGE EXTERIOR AND 27 GAUGE INTERIOR.
4. THICKNESS: NOMINAL 2 INCHES.
5. RAILS: TONGUE-AND-GROOVE.
6. END CAPS: WRAP-AROUND BOX STYLE, 20 GAUGE GALVANIZED STEEL, FULL HEIGHT OF SECTION.
7. INSULATION: POLYURETHANE, FOAMED-IN-PLACE, 95% CLOSED CELL WITH SECTION THERMAL BREAK, TOP AND BOTTOM OF SECTION. (R7.6 MIN.)

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Project No.:	0127892-104
Scale:	AS SHOWN
Date:	04-JUNE-2025
Drawn By:	JFO
Designed By:	JRS
Checked By:	JRS
Approved By:	
Stamp:	

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B	AS-BUILT	HA	06/04/25
A	AS-BUILT	HA	02/04/15
3	OWS DESIGN MOD	HA	12/16/13
2	FOR BID	HA	07/17/13
1	NYSDEC SUB.	HA	06/28/13

FORMER DELPHI AUTOMOTIVE SITE GROUNDWATER TREATMENT SYSTEM

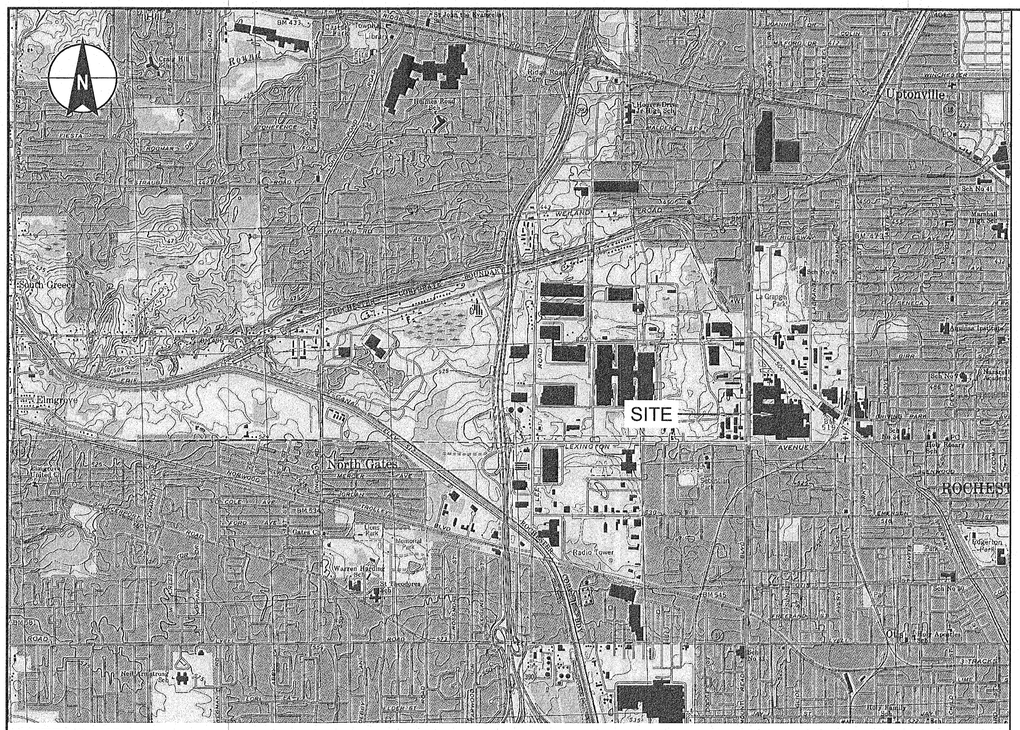
ROCHESTER, NEW YORK

ARCHITECTURAL PLAN AND ELEVATIONS

A-1.0

Sheet: 21 of 21

Saved by: JOSIFCHOK Printed: 7/24/2025 3:08 PM Sheet: A-1
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SITE LOCUS
TOPO SOURCE: USGS TOPOGRAPHIC MAP

0 2000 4000
SCALE IN FEET

KEY PLAN

DENOTES GENERAL AREA OF WORK -
(REFER TO DRAWING P-1 FOR DETAILS)

0 200 400
SCALE IN FEET

FORMER DELPHI AUTOMOTIVE
NYSDEC SITE #828064
LNAPL RECOVERY SYSTEMS

1000 LEXINGTON AVENUE
ROCHESTER, NEW YORK

DRAWING INDEX			
SHEET NO.	**DRAWING NO.**	**REV.**	**SHEET TITLE**
1	T-1	D	TITLE SHEET
2	P-1	D	LNAPL RECOVERY SYSTEMS - LOCATIONS PLANS
3	P-2	D	LNAPL RECOVERY SYSTEMS - PUMP SYSTEM / EQUIPMENT ENCLOSURE DETAILS
4	W-1	D	LNAPL RECOVERY SYSTEMS - WELL CONSTRUCTION DETAILS

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Project No.:	127982-018
Scale:	AS SHOWN
Date:	1 JUNE 2018
Drawn By:	JO/KFP
Designed By:	DJC/DMC
Checked By:	EQL
Approved By:	

Stamp:

STATE OF NEW YORK * EDMUND QUINN LEWIS * 087372 * LICENSED PROFESSIONAL ENGINEER *
11/10/22

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D	AS-BUILT	H&A	5/7/21
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B	ISSUED FOR NYSDEC REVIEW	H&A	6/22/18
A	95% CD-ISSUE FOR REVIEW	H&A	6/1/18

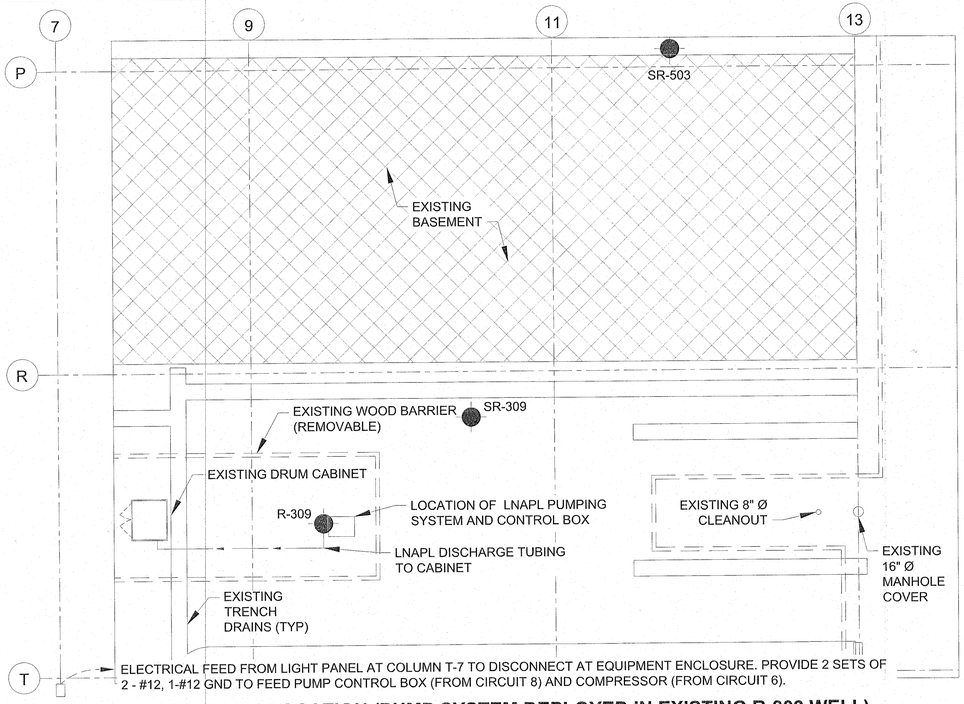
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TITLE SHEET

T-1

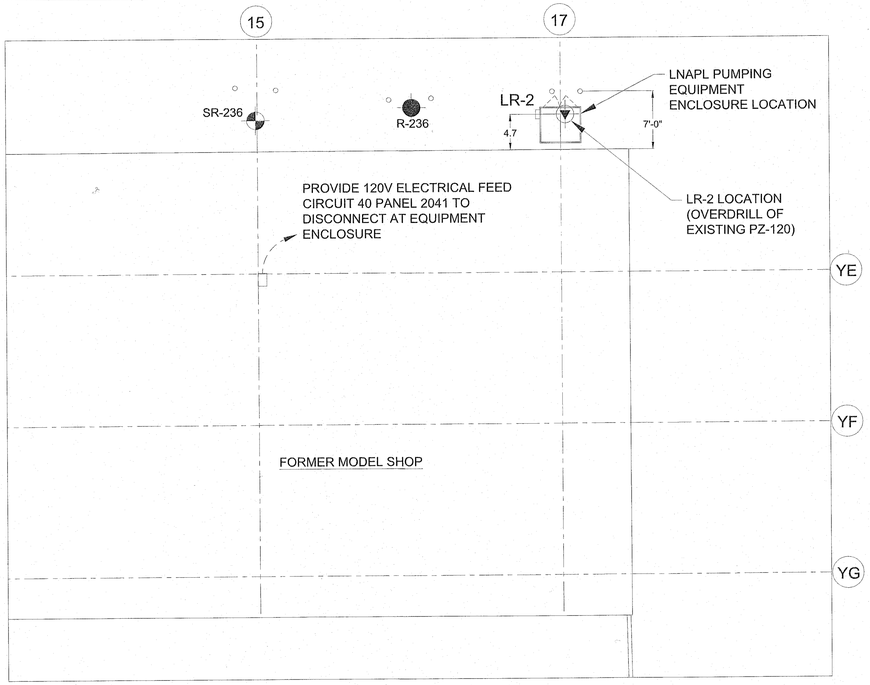
Sheet: 1 of 4

Printed: 11/10/2022 6:41 PM Layout: T-1
LEWIS, QUINN \\HALEYALDRICH.COM\SHARE\ROC_COMMON\127982_GMCH LEXINGTON\2021\CAD\NAPL AS-BUILT\127982 - T1.DWG



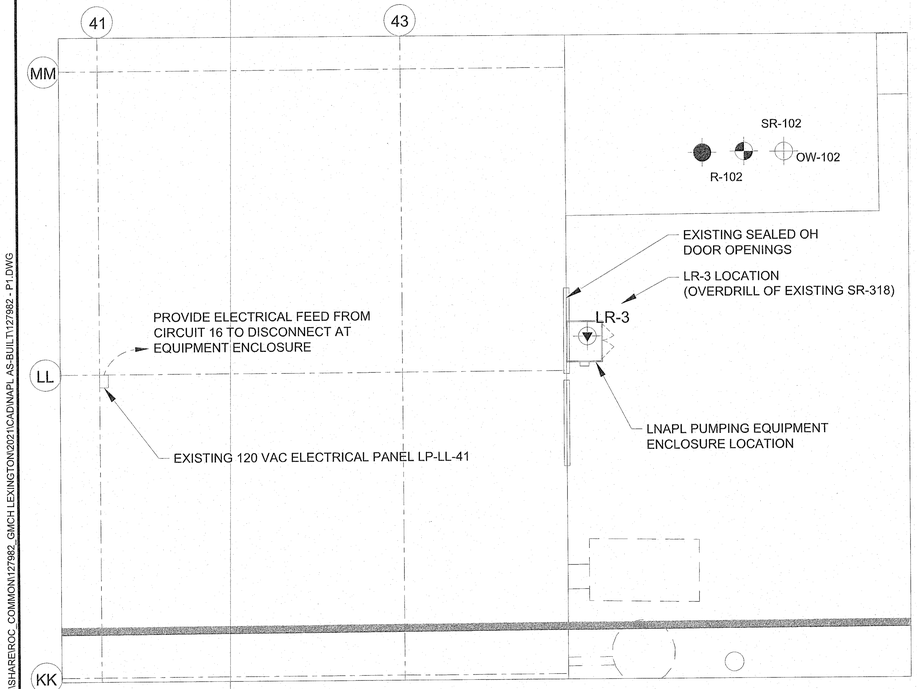
1 LR-1 LOCATION (PUMP SYSTEM DEPLOYED IN EXISTING R-309 WELL)

SCALE: 1' = 10'-0"



2 LR-2 LOCATION (EXTERIOR OF MODEL SHOP OVERDRILL OF EXISTING PZ-100)

SCALE: 1' = 10'-0"



3 LR-3 LOCATION SR-318 (OVERDRILL OF EXISTING WELL AT BLDG 2 EXTERIOR COURTYARD)

SCALE: 1' = 10'-0"

LEGEND

- LNAPL RECOVERY WELL (LR-2)
- EXISTING MONITORING WELLS
- EXISTING MONITORING WELLS
- EXISTING MONITORING WELLS

GENERAL PROJECT SCOPE

1. THE PROJECT GENERALLY CONSISTS OF THE INSTALLATION OF THREE (3) LNAPL RECOVERY WELL SYSTEMS IN THE WORK AREAS DEPICTED ON THE CONTRACT DRAWINGS. THE SYSTEMS INCLUDE, BUT MAY NOT BE LIMITED TO:
   a. INSTALLATION OF (2) 4-INCH LNAPL RECOVERY WELLS;
   b. RELOCATION OF AN EXISTING EQUIPMENT ENCLOSURE WITHIN WORK AREAS 2 & 3 AND PURCHASE AND INSTALLATION OF TWO EQUIPMENT ENCLOSURES FOR WORK AREAS 2 AND 3;
   c. RELOCATION OF TWO EXISTING LNAPL PUMPING SYSTEMS (MAGNUM SPILLBUSTERS) TO WORK AREAS 1 AND 2, AND PURCHASE AND INSTALLATION OF A THIRD SPILLBUSTER SYSTEM FOR WORK AREA 3; AND
   d. PROVIDING THE NECESSARY PIPING, ELECTRICAL, SITE WORK, AND APPURTENANCES TO MAKE EACH LNAPL RECOVERY SYSTEM OPERATIONAL.
2. FOR ADDITIONAL DETAILS REGARDING THE SPILLBUSTERS AND EQUIPMENT ENCLOSURES, REFER TO DRAWING P-2.
3. FOR ADDITIONAL DETAILS REGARDING THE LNAPL WELL INSTALLATION, REFER TO DRAWING W-1.

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL LAWS, REGULATIONS, CODES AND INDUSTRY-BASED STANDARDS, INCLUDING REVISIONS TO DATE OF CONTRACT OR REVISIONS TO THE CONTRACT, ALL PLANT ENGINEERING STANDARDS AND PLANT HEALTH AND SAFETY REQUIREMENTS INCLUDING PROVISIONS FOR ELECTRICAL AND EXCAVATION/ SUB-SURFACE UTILITIES CLEARANCE PERMITS, AND PLANT AND WORK AREA ACCESS.
2. CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, APPURTENANCES, AND SUPERVISION TO COMPLETE THE WORK.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND LOCATIONS SHOWN PRIOR TO COMMENCING WORK. ANY CONFLICTS WITH DETAILS AND NOTES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER OR OWNER'S REPRESENTATIVE IN WRITING.
4. DETAILS TAKE PRECEDENCE OVER GENERAL DRAWINGS. WHERE NOTES CONFLICT WITH ANY DRAWING, THE MOST RESTRICTIVE SHALL APPLY. WHERE CONFLICTS EXIST, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING. NO CHANGES OR ADDITIONS TO THE SCOPE OF WORK DEPICTED HEREIN SHALL BE MADE WITHOUT PRIOR APPROVAL OF THE ENGINEER.
5. CONTRACTOR AT ITS OWN EXPENSE SHALL REPAIR AND/OR REPLACE ANY STRUCTURES, UTILITIES, AND SITE FEATURES DAMAGED BY THE CONTRACTOR, AND PROVIDE AT ITS EXPENSE FOR SERVICE CONTINUATION DURING REPAIRS.

DRAWING NOTES

1. WORK AREA 1 - LNAPL RECOVERY WELL LR-1, LOCATED AS SHOWN. CONTRACTOR SHALL PROVIDE TRENCH PLATES OVER EXISTING FLOOR TRENCHES AS REQUIRED TO COMPLETE THE WORK.
2. WORK AREA 2 - LNAPL RECOVERY WELL LR-2 INSTALLED BY OVERDRILLING EXISTING PIEZOMETER PZ-120. EQUIPMENT ENCLOSURE LOCATED WITH DOOR ACCESS AS SHOWN.
3. WORK AREA 3 - LNAPL RECOVERY WELL LR-3 INSTALLED BY OVERDRILLING EXISTING WELL SR-318. EQUIPMENT ENCLOSURE LOCATED WITH DOOR ACCESS AS SHOWN.

0 10 20 30 40
SCALE IN FEET (1' = 10'-0")

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Project No.:	127982-018
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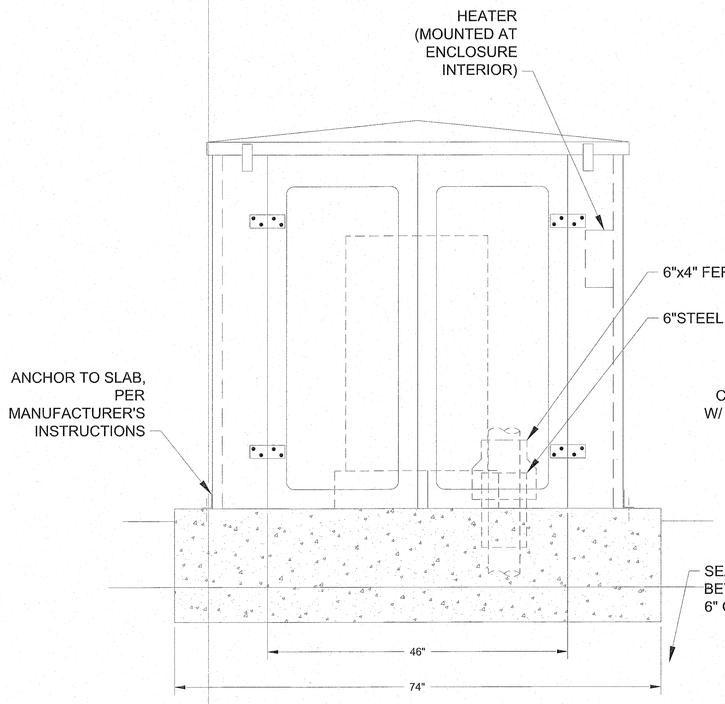
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LNAPL RECOVERY SYSTEMS - LOCATION PLANS

P-1

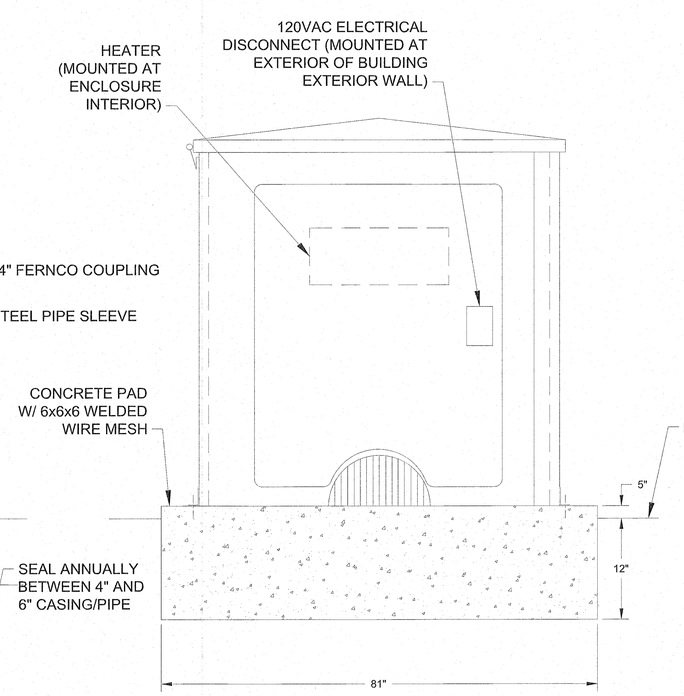
Sheet: 2 of 4

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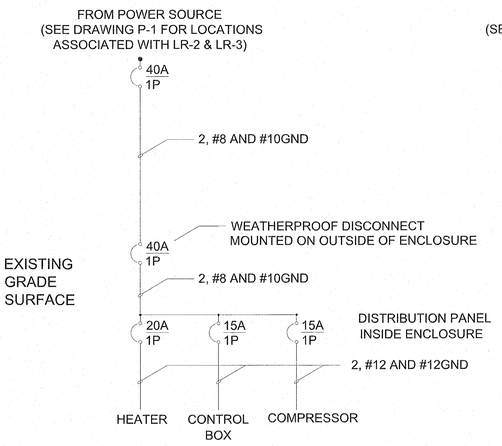
1 - LR-2 & LR-3 EQUIPMENT ENCLOSURE - FRONT ELEVATION

SCALE: NOT TO SCALE



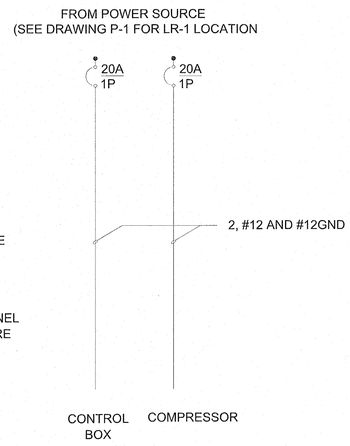
2 - LR-2 & LR-3 EQUIPMENT ENCLOSURE - SIDE ELEVATION

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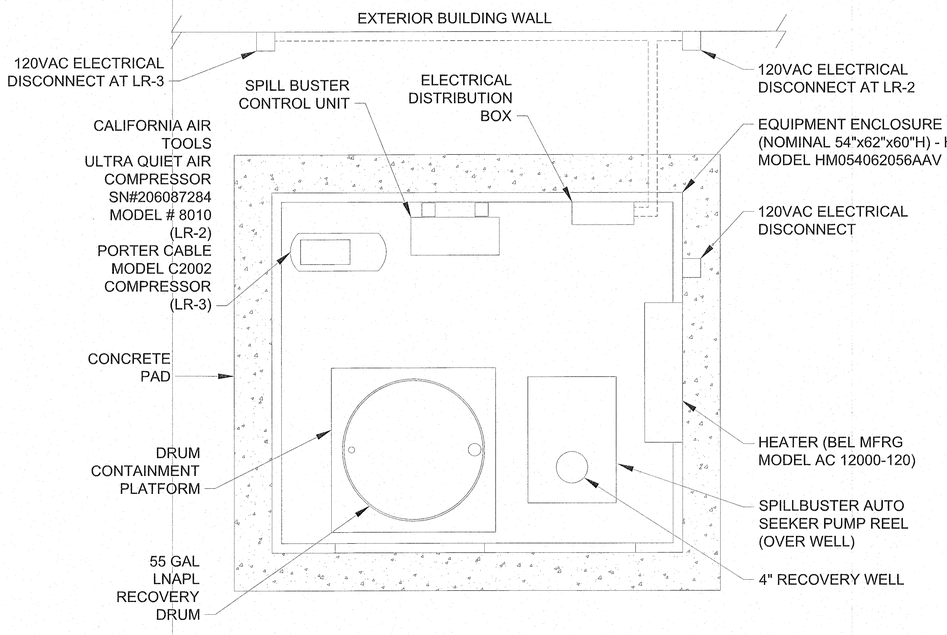
5 - LR-2 &LR-3 EQUIPMENT ENCLOSURE - ELECTRICAL ONE LINE

SCALE: NOT TO SCALE



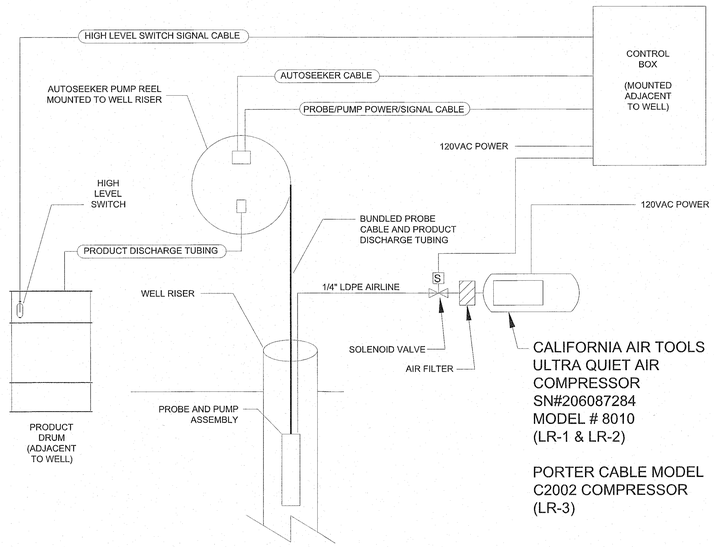
6 - LR-1 ELECTRICAL ONE LINE

SCALE: NOT TO SCALE



3 - LR-2 & LR-3 EQUIPMENT ENCLOSURE - PLAN VIEW

SCALE: NOT TO SCALE



4 - SPILL BUSTER - PROCESS FLOW SCHEMATIC

SCALE: NOT TO SCALE

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Designed By:	DJC/DMC
Checked By:	EQL
Approved By:	

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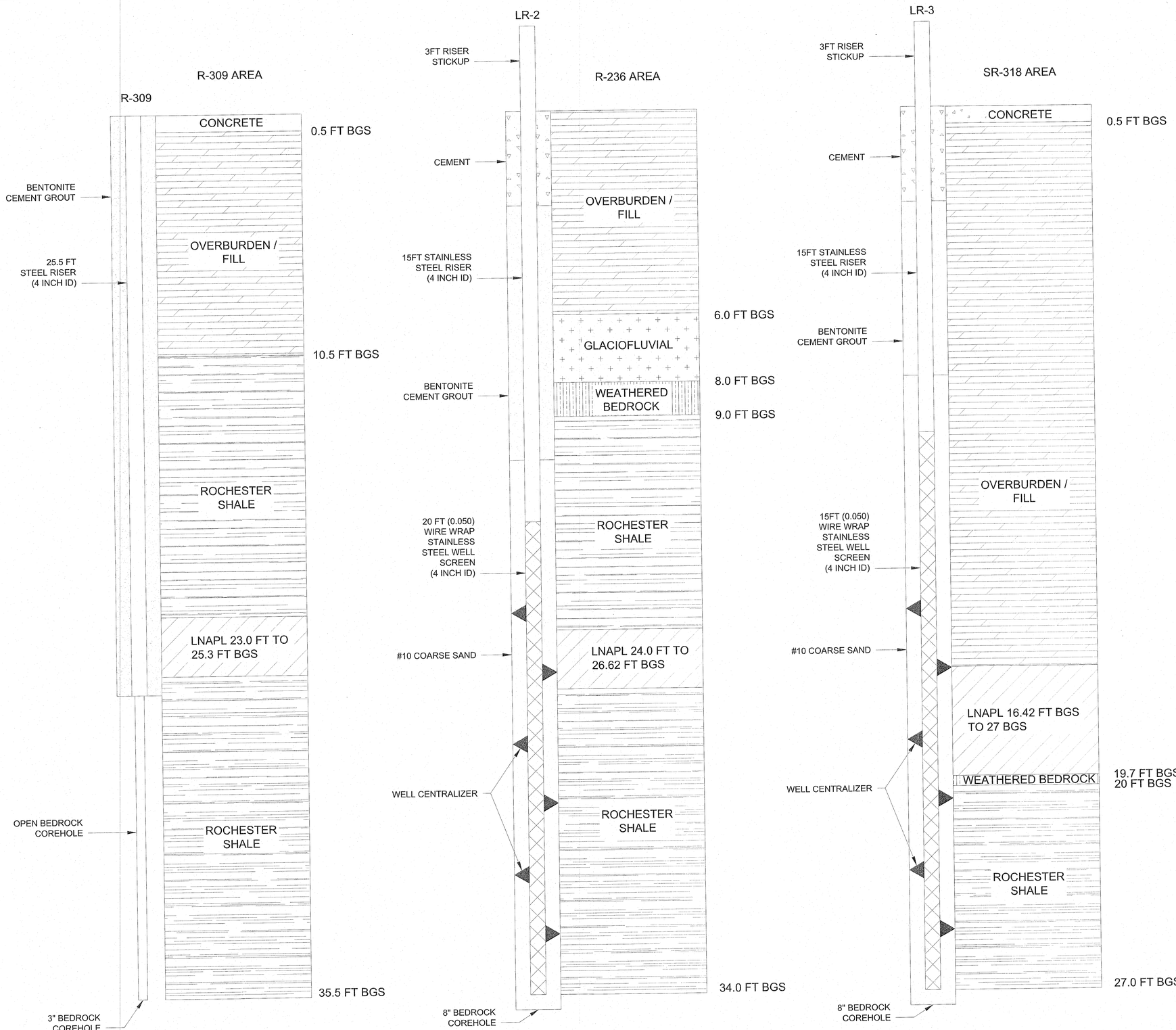
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LNAPL RECOVERY SYSTEMS - PUMP SYSTEM / ENCLOSURE DETAILS

P-2

Sheet: 3 of 4

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LEGEND:

BGS	BELOW GROUND SURFACE
FT	FEET
LNAPL	LIGHT NON-AQUEOUS PHASE LIQUID

LITHOLOGY GRAPHICS:

- CONCRETE; CEMENT
- BENTONITE CEMENT GROUT
- OVERBURDEN/FILL
- ROCHESTER SHALE
- WEATHERED BEDROCK
- GLACIOFLUVIAL

NOTE:

1. LNAPL THICKNESS AND LOCATION AS DETERMINED DURING WELL INSTALLATION.

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Designed By:	DJC/DMC
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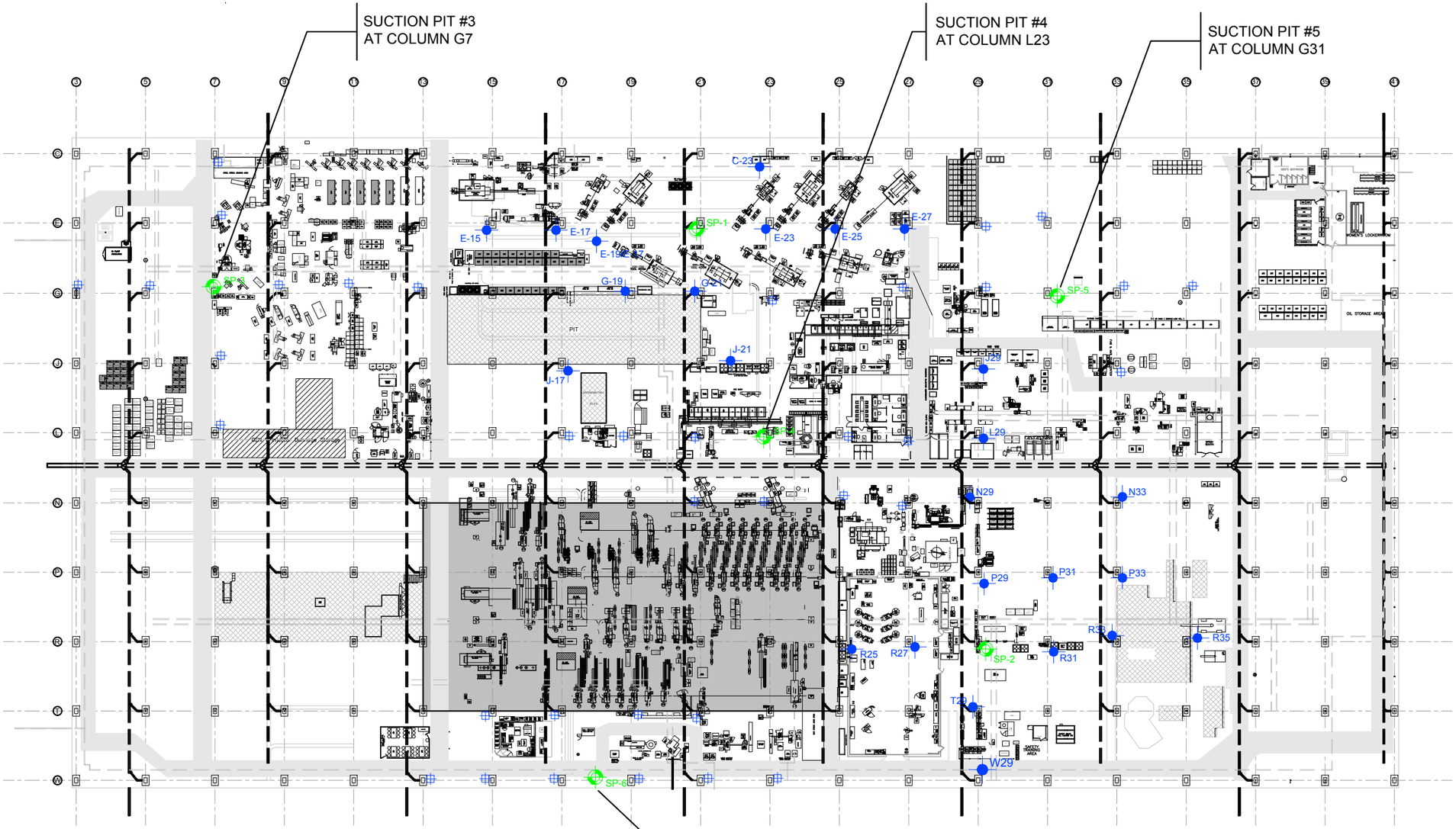
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WELL CONSTRUCTION DETAILS

W-1

Sheet: 4 of 4

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LEGEND

- COLUMN LINE
- SUCTION PITS (SP-1 & SP-2 INSTALLED; SP-3, SP-4 & SP-5 PROPOSED)
- INSTALLED PILOT TEST VACUUM MONITORING POINT LOCATIONS
- PROPOSED ADDITIONAL LONG TERM VACUUM MONITORING POINT LOCATIONS
- PIT OR VAULT THAT EXTENDS BELOW THE FLOOR
- RESTRICTED AREA DUE TO OPERATIONS (E.G., CRANE)

HALEY ALDRICH

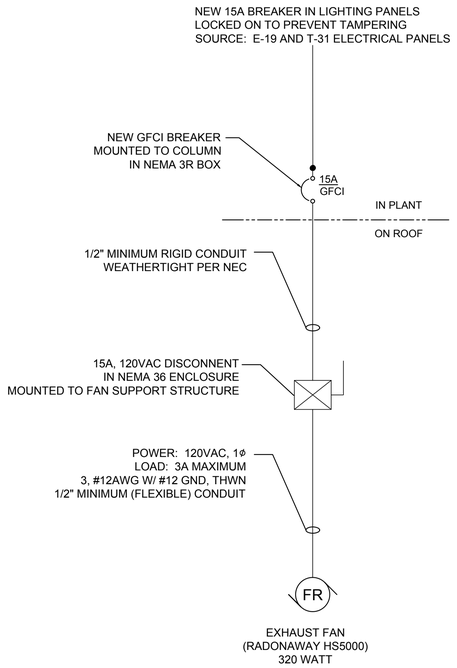
SUB SLAB DEPRESSURIZATION PILOT TEST REPORT
DELPHI AUTOMOTIVE SYSTEMS SITE #828064
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ROCHESTER, NEW YORK

SUCTION PIT LOCATIONS
PHASE II SSDS INSTALLATION

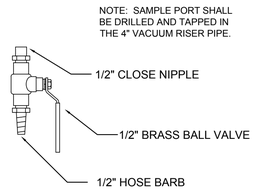
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FIGURE 1

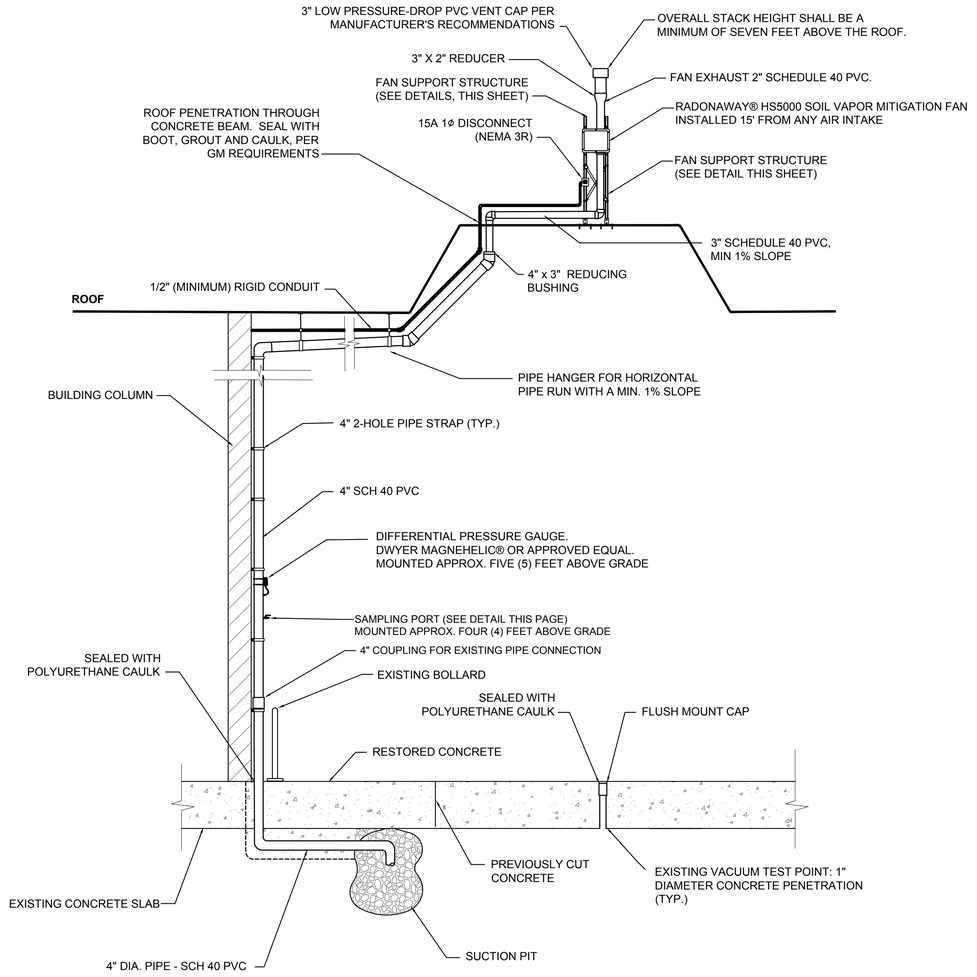
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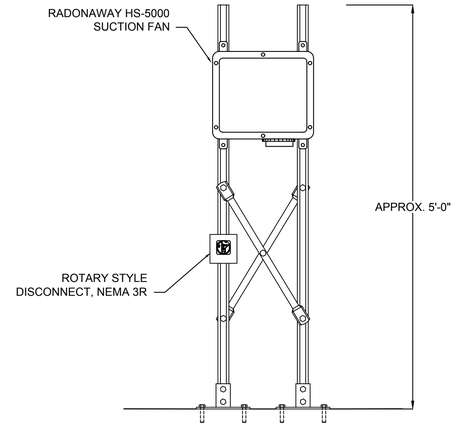
1 X-101 LOW VOLTAGE ONE-LINE DIAGRAM
NO SCALE

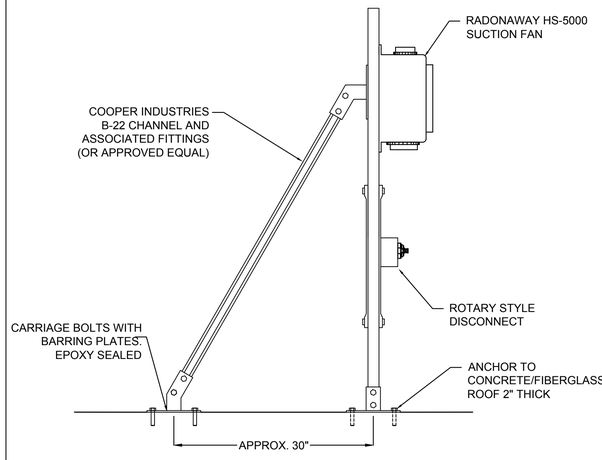


2 X-101 SAMPLE PORT ASSEMBLY
NTS



3 X-101 PIPING SCHEMATIC
NTS





4 X-101 FAN SUPPORT STRUCTURE
NTS

NOTES

1. THE CONTRACTOR SHALL COORDINATE WITH GENERAL MOTORS FOR ALL WORK, INCLUDING ELECTRICAL, PIPING & CONDUIT ROUTING, AND ROOF PENETRATIONS & ANCHORING.
2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS, INCLUDING REVISIONS TO DATE OF CONTRACT.

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Stamp:	

Rev.	Description	By	Date

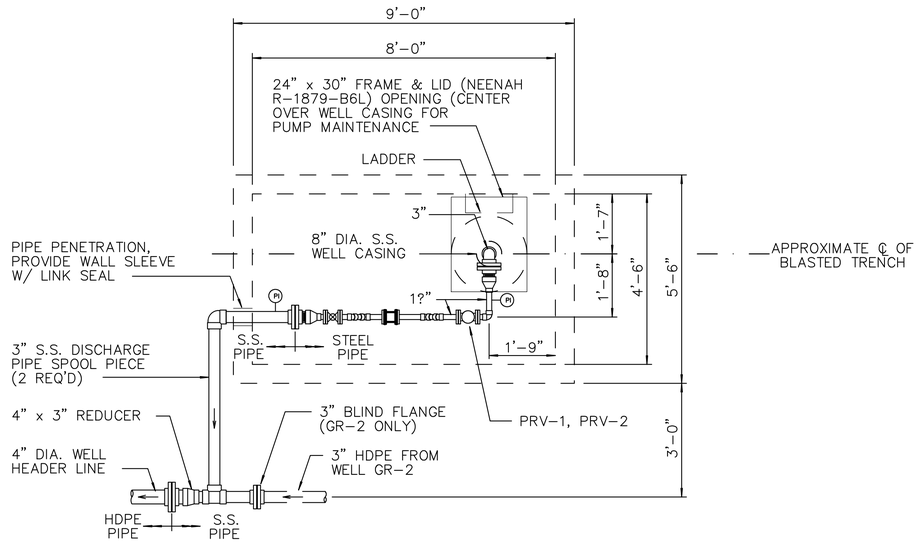
DELPHI AUTOMOTIVE
SYSTEMS SITE #826064
1000 LEXINGTON AVENUE
ROCHESTER, NEW YORK

CONSTRUCTION DETAILS

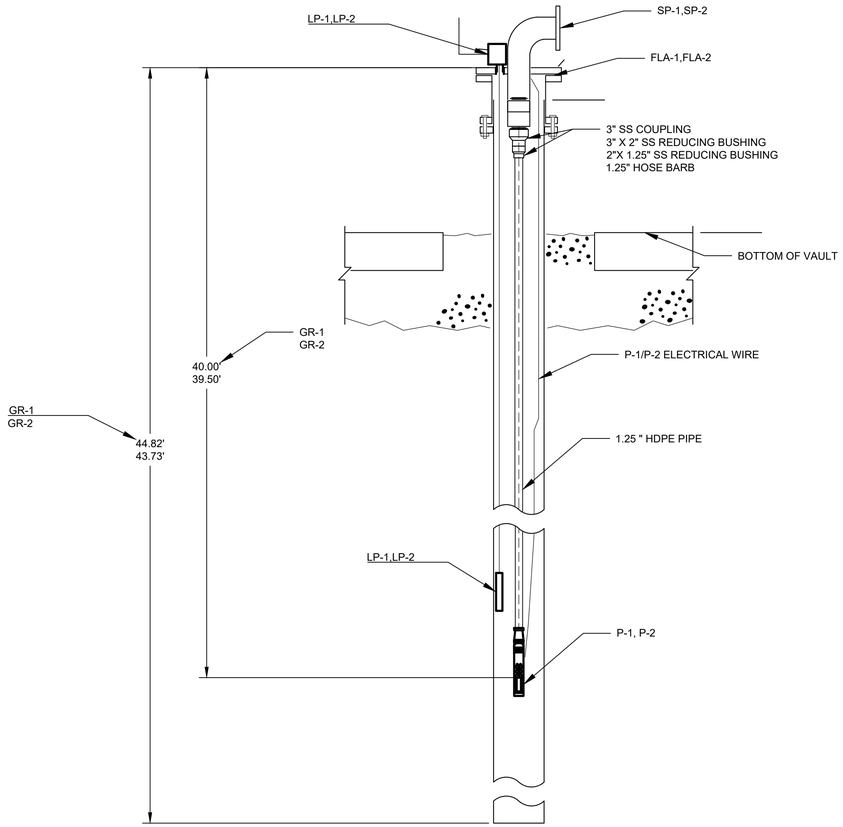
X-101

Sheet: 2 of 2

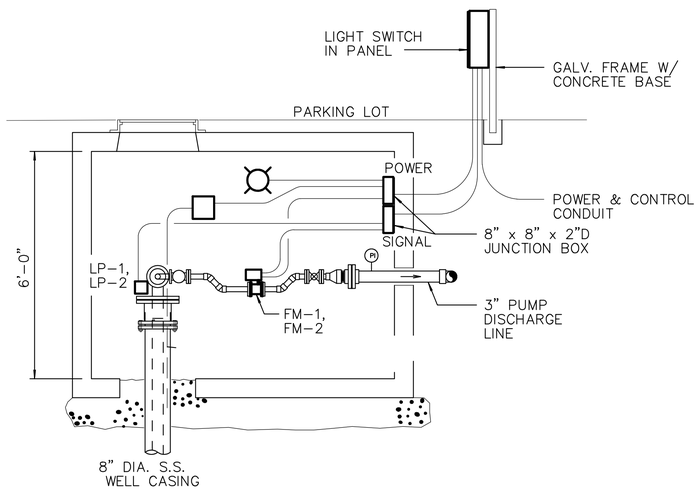
SANGER, JONATHAN Printed: 3/22/2017 2:50 PM Layout: CONSTRUCTION DETAILS
G:\PROJECTS\700141119 - SVI WORK PLAN 2014\SSDS DESIGN\90% DESIGN\CAD\127982-0013-DETAIL_SSDS_BASIC PIPING SCHEMATIC.DWG



1 EXISTING VAULT PLAN VIEW
SCALE: NTS



2 EXISTING RECOVERY WELL DETAIL (TYP. FOR GR-1 & 2)
SCALE: NTS



3 EXISTING VAULT DETAILS ELEVATION VIEW
SCALE: NTS

MECHANICAL SCHEDULE

ITEM NO.	DESCRIPTION
P-1 P-2	GOULDS 13GS-15, 480 VAC MOTOR: MS15434, 1.5 HP, 3 PH
LP-1 LP-2	NOSHOK LEVEL PROBE 6121011N80, FE, DC, 10 PSI
FLA-1 FLA-2	8" STEEL FLANGE ADAPTER
SP-1 SP-2	DEMING SURFACE PLATE DISCHARGE BEND W/3" ELBOW
PRV-1 PRV-2	WATTS PRESSURE SUSTATINING CHECK VALVE
FM-1 FM-2	FLOW METER
PV-1 PV-2	DEZURIK ECCENTRIC PLUG VALVE, 1" FLANGED, SERIES 100 SS W VITON PLUG FACE AND SEAL LEVER ACUATED

NOTES

1. DETAILS TAKEN FROM "PHASE III INSTALLATION VALVE PIT PLAN AND DETAILS" DRAWING P-7 AND E-2 DATED 8-27-1993 AND REVISED.
2. .DETAILS SHOW EXISTING CONDITIONS IN GR-1 & 2

HALEY ALDRICH

HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive, Suite 2
Rochester, NY 14623-4264
Tel: 585.359.9000
Fax: 585.359.4650
www.haleyaldrich.com

Project No.:	127982-104
Scale:	SHOWN
Date:	28-APRIL-2022
Drawn By:	JMS
Designed By:	JMS
Checked By:	
Approved By:	
Stamp:	

Rev.	Description	By	Date

DELPHI AUTOMOTIVE SYSTEMS SITE #826064

1000 LEXINGTON AVENUE ROCHESTER, NEW YORK

GR-1 & 2 EXISTING CONDITIONS

M-100

Sheet: 1 of 2

Saved by: JSANGER Printed: 5/18/2022 4:03 PM Sheet: HA-ENG-D-M100
G:\127982_GMCH LEXINGTON\2022\CAD\127982-103-M-101-AWTA-GR-2.DWG

APPENDIX E – NYSDEC APPROVALS OF SUBSTANTIVE TECHNICAL REQUIREMENTS AND REMEDIATION- RELATED PERMITS

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 8
6274 East Avon-Lima Road, Avon, NY 14414-9516
P: (585) 226-5353 | F: (585) 226-8139
www.dec.ny.gov

1st Class Mail

October 13, 2017

Denis Conley
Haley & Aldrich of New York
200 Town Centre Drive, Suite 2
Rochester, NY 14623

Dear Mr. Conley:

Subject: Delphi Automotive Systems Site No. 828064
Draft Remedial Work Plan dated July 2014

The New York State Department of Environmental Conservation (the "Department"), in consultation with the New York State Department of Health (collectively, the "State"), reviewed the above-referenced document (the "Plan") and determined that it needs to be revised in accordance with the comments set forth below. Please resubmit the revised Plan for approval by the State within thirty (30) days of the receipt of this letter.

1. If feasible, the blasted bedrock migration control trench located in the north parking lot should be modified to collect the NAPL documented to be present. To address this issue, the revised Plan should include an evaluation of the system to determine what alterations are needed for the system to effectively collect the NAPL present and if those measures are feasible to implement. It should also include a contingency to implement the alterations if feasible.

2. Section 4 acknowledges that expansion of the LNAPL recovery well network will be based on the performance of recovery wells to be installed near SR-318, SR-236 and R-309. The potential for expansion of the NAPL recovery system(s) also needs to be addressed in Section 6 of the plan that discusses the Site Management Plan (SMP) as these decisions will likely be made during the site management phase of the project. A discussion of the criteria for determining what additional measures are appropriate should also be included.

3. When selecting the exact location for the NAPL collection well referred to in the Plan as being near SR-309, consideration should be given to locating the well nearer to SR-503, if plant operations allow, as the NAPL thickness in it was greater than in SR-309.

4. Section 6 should also include a discussion of potentially collecting NAPL in areas where significant NAPL is present but access isn't currently available due to the

location of current manufacturing processes. As future operations change or processes are shut down, the areas should be evaluated under the SMP for possible NAPL collection.

5. To date, installation of sub-slab depressurization system (SSDS) components has appropriately focused on Building 1. The State asked that a plan be in place for the remainder of the building to ensure conditions that may warrant action are detected and any actions required to address exposures related to soil vapor intrusion are completed in a timely manner. To address this, an indoor air/sub-slab (IA/SS) monitoring plan should be developed for State review and approval. Since this issue involves human exposure, the State considers this to be critical. The IA/SS monitoring plan should be included as a part of the revised Plan so that the evaluation can begin early this heating season. If mitigation systems aren't installed in other areas, the IA/SS monitoring will likely need to extend into site management and, therefore, be included in the SMP.

6. Because GMCH completed a significant amount of work on the SSDS systems in Building 1, and the State commented on the associated deliverables, Section 4.2 needs to be updated to reflect the current conditions, work completed and work proposed since the Plan was submitted.

7. The Department appreciates your willingness to work with State staff to complete remedial work while the Order is being negotiated. The Plan needs to be updated to reflect the work that has been completed since it was submitted.

If you have any questions or concerns regarding this correspondence, please contact me at 585-226-5351 or via email at kelly.cloyd@dec.ny.gov.

Sincerely,

Digitally signed by Kelly Cloyd
DN: cn=Kelly Cloyd, o=DER - Region 8 - Avon, ou=DER - Region 8 - Avon, email=kccloyd@gw.dec.state.ny.us, c=US
Date: 2017.10.13 14:02:15 -04'00'
Adobe Acrobat version: 11.0.2

Kelly C. Cloyd, Ph.D.
Engineering Geologist 2

Ec: M. Cruden
G. Finkelstein
S. Foti
J. Hartnett
J. Kenney
B. Kogut
D. Loew
A. Park
B. Schilling

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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1st Class Mail

October 13, 2017

Denis Conley
Haley & Aldrich of New York
200 Town Centre Drive, Suite 2
Rochester, NY 14623

Dear Mr. Conley:

Subject: Delphi Automotive Systems Site No. 828064
Draft Citizen Participation Plan dated February 2015

The New York State Department of Environmental Conservation, in consultation with the New York State Department of Health, reviewed the above-referenced document and determined that it is approvable and can incorporated into the Order on Consent which is currently being negotiated.

If you have any questions or concerns regarding this correspondence, please contact me at 585-226-5351 or via email at kelly.cloyd@dec.ny.gov.

Sincerely,

Digitally signed by Kelly Cloyd
DN: cn=Kelly Cloyd, o=DER - Region 8 - Avon, ou=DER - Region 8 - Avon, email=kccloyd@gw.dec.state.ny.us, c=US
Date: 2017.10.13 14:44:37 -04'00'
Adobe Acrobat version: 11.0.2

Kelly C. Cloyd, Ph.D.
Engineering Geologist 2

Ec: M. Cruden
G. Finkelstein
S. Foti
J. Hartnett
J. Kenney
B. Kogut
D. Loew
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B. Schilling

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 8
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May 4, 2020

Mr. James F. Hartnett
Remediation Project Manager
Global Environmental Compliance and Sustainability
General Motors LLC
One General Motors Drive, Syracuse NY 13206

Dear Mr. Hartnett:

Subject: Remedial Work Plan (RWP), Delphi Automotive Systems Site, 1000 Lexington Ave., Rochester, Site number 828064.

The State reviewed the above referenced Document. The document is generally acceptable but will need to be updated to reflect the work completed since the Work Plan was submitted. The State acknowledges the additional SVI work completed at the site, but has concerns with the soil vapor intrusion (SVI) portion of the plan. The comments below regarding SVI are based on the review of the plan and subsequent submissions. The State requested additional information on the facility to determine if the proposed "Indoor Air Quality Monitoring Plan" included as Appendix C in the *Revised Remedial Work Plan* (dated December 2017) adequately addresses concerns regarding potential exposure at the Site via soil vapor intrusion. Based on the information provided in the subsequent submissions, the proposed Indoor Air Quality Monitoring Plan in the Remedial Work Plan does not adequately address the potential for exposure due to SVI.

A revised RWP should be submitted that includes the updates and addresses the following comments.

1. Due to the lack of current SVI data, concurrent indoor and sub-slab air samples should be collected in the following areas:
   - Department #12880, specifically in the Training Center or Cafeteria space;
   - Material Reclamation Building; and
   - Department #12872, specifically in the Construction Office.

2. In addition to addressing the remedial systems, an operation, maintenance and monitoring plan (OM&M) is required for the sub-slab depressurization system installed in Building 1. This should be a part of the Site Management Plan.
   - The OM&M plan needs to document that the SSDS is operating as designed, by confirming the depressurization of the entire slab of Building 1.
   - Additionally, post-mitigation/confirmation indoor air sampling is needed to document that the system is effectively reducing indoor air levels below air guideline values.
   - Post-mitigation sampling is to be conducted during the heating season.
   - The results of the indoor air sampling should be included in the OM&M plan.

3. To evaluate the potential for exposures and to determine if additional actions are necessary, the RWP should include an indoor air monitoring plan for the remainder of the facility. As part of that plan, indoor air samples should be collected on an annual basis during the heating season in all areas of the facility where previous samples have been collected.

Please submit a revised RWP within 60 days that addresses the above comments. Concurrently, please have your attorney contact Mr. Dudley Loew, Esq. at 585-226-5368 to prepare the Order on Consent for execution. If you have any questions or concerns regarding this correspondence, please contact me at 585-226-5351, or via email at kelly.cloyd@dec.ny.gov

Sincerely,



Kelly C. Cloyd, Ph.D.
Professional Geologist 1

ec: D. Conley
M. Cruden
J. Deming
J. Kenney
A. Park
D. Pratt
B. Schilling

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 8
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www.dec.ny.gov

July 30, 2020

Mr. James F. Hartnett
Remediation Project Manager
Global Environmental Compliance and Sustainability
General Motors LLC
One General Motors Drive, Syracuse NY 13206

Dear Mr. Hartnett:

Subject: Revised Remedial Work Plan (RWP) dated July 6, 2020, Delphi Automotive Systems Site, 1000 Lexington Ave., Rochester, Site number 828064.

The State reviewed the above-referenced document. It is acceptable if implemented under a signed Order on Consent and with the following clarifications.

1. Results for the indoor air/sub-slab vapor investigation should be reported in micrograms per cubic meter rather than parts per billion by volume.
2. Typically, the heating season in New York State is from November 15th until March 31st. These dates are, however, not absolute. The timeframe for sampling varies depending on location of the site and weather conditions.
3. The table on page 25 includes a monitoring element for imported fill associated with excavations but does not include a similar element for spoils associated with excavations that may be exported or used elsewhere on the site. Both will need to be addressed in the SMP.

If you have any questions or concerns regarding this correspondence, please contact me at 585-226-5351, or via email at kelly.cloyd@dec.ny.gov Please have your counsel reach out to Dudley Loew at 585-226-5368 or dudley.loew@dec.ny.gov to discuss execution of the Order on Consent.

Sincerely,

Digitally signed by Kelly C. Cloyd
DN: cn=Kelly C. Cloyd, o=NYSDEC, ou=DER, email=kelly.cloyd@dec.ny.gov, c=US
Date: 2020.07.30 16:53:23 -04'00'
Adobe Acrobat version: 11.0.2

Kelly C. Cloyd, Ph.D.
Professional Geologist 1

ec: D. Conley
M. Cruden
J. Deming
K. Gold
J. Kenney
D. Loew
A. Park
D. Pratt
B. Schilling

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 8
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P: (585) 226-5353 I F: (585) 226-8139
www.dec.ny.gov

September 30, 2022

John Maher
GM Component Holdings, LLC
GM Global Technical Center – Service Engineering Building
31266 Alfred Sloan Road
Warren, MI 48092

Re: Site Management Plan, September 2022
Delphi Automotive Systems #828064
City of Rochester, Monroe County

Dear Mr. Maher:

The New York State Departments of Environmental Conservation (NYSDEC) and Health (NYSDOH; collectively referred to as the Departments) have completed their review of the Site Management Plan (SMP) dated September 2022 and prepared by Haley & Aldrich. In accordance with 6 NYCRR Part 375-1.6, the SMP is hereby approved.

Please manage activities at the site in accordance with the SMP. By October 31, 2022, please provide a bound hard copy of the SMP to the NYSDEC Region 8 office located at 6274 E Avon Lima Rd Avon, NY 14414.

Thank you for your cooperation in this matter and please contact me at (585) 226-5349 if you have any questions regarding these comments.

Sincerely,

Danielle Miles, EIT
Assistant Engineer

ec:
Natalie Hahn, GM
Denis Conley, H&A
Michael Cruden, NYSDEC
David Pratt, NYSDEC
Julia Kenney, NYSDOH
Justin Deming, NYSDOH
Edward Guster III, USEPA
Dudley Loew, NYSDEC

CK# 151663

COUNTY OF MONROE
SEWER USE PERMIT RENEWAL

Firm Name: GM Components Holdings, LLC
1000 Lexington Avenue
Rochester, NY 14606

Mailing Addr: 1000 Lexington Ave.
Rochester, NY 14606

Permit Number: IWC-937
Fee: $ 75.00
Effective: September 01, 2024
Expiration: August 31, 2027

W/C Expire: 12/31/2024
District No: 8575

Has there been any revision to the plant sewer system or any change in industrial wastes discharged to the public sewer in the past twelve months

Yes: __ No: ✓ If yes, please explain in a separate letter.

Average monthly consumption for the past twelve (12) months:

Water Account No.(s) 600168, 600169, 600170 6040270F, 6040501F (cu ft/gal) 2,665,200

In consideration of the granting of this renewal permit the undersigned agrees to comply with all the requirements in the Initial Permit as listed under II.

Name of person to be contacted for inspection & sampling purposes:

Type or Print: NATALIE HAHN Phone No: 931 - 215 - 1139

YOUR PERMIT MUST BE SIGNED AS FOLLOWS:

1. For a corporation: by a responsible corporate officer. A corporate officer means:
   (a) A president, secretary, treasurer or vice - president of the corporation in charge of a principal business function, or any other person who performs similar policy - or decision - making functions for the corporation: or
   (b) The manager of one or more manufacturing, production, or operation facilities employing more than 250 persons or having gross annual sales or expenditures exceeding $25 million (in second - quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

2. For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or

3. By a duly authorized representative of the individual designated in items (1) or (2) above if:

   (a) The authorization is made in writing by the individual described in items (1) or (2);
   (b) The authorization specifies either an individual or a position having responsibility for the overall operation of the facility from which the Industrial Discharge originates such as the position of plant manager, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company; (A duly authorized representative may thus be either a named individual or any individual occupying named position); and
   (c) The written authorization is submitted to this Department.

Print or Type: Nazi Dunston Phone No: 585 370 3464

Signature: [signature] Date: 4.19.24

Title: Assistant Plant Manager

Renewal Approved by: [signature] Issued this 1 day of Aug 20 24

Michael J. Garland, P.E.
Director of Environmental Services-PureWaters
Monroe County

COUNTY OF MONROE
SEWER USE PERMIT ENCLOSURE

GM Components Holdings, LLC
1000 Lexington Avenue
Rochester, N.Y. 14606

PERMIT NUMBER: 937
DISTRICT NUMBER: 8575

TYPE OF BUSINESS: Automotive Components Manufacturing
SIC CODE: 3714
SAMPLE POINTS: IWC-937.1 - Sample Shelter In North Parking Lot
IWC-937.2 – C.O. East Side of Bldg.
IWC-937.5 – Groundwater Discharge – East Side
IWC-937.6 – Groundwater Discharge - North Side Combined

PRETREATMENT CATEGORY: SIU- Non-Categorical, Flow >25,000 GPD

REQUIRED MONITORING & EFFLUENT LIMITS

SAMPLE POINT: IWC-937.2 – C.O. East Side of Bldg.

SELF MONITORING FREQUENCY: **QUARTERLY**

SAMPLING PROTOCOL: Sampling and analysis shall be performed in accordance with the techniques prescribed in 40 CFR Part 136 and amendments thereto. A grab sample, collected during a normal process day, shall be analyzed for the following parameters:

Analyte	Action Level
Polychlorinated Biphenyls	0.3 µg/L

SAMPLE POINT: IWC-937.5 – Groundwater Discharge – East Side

SELF MONITORING FREQUENCY: **MONTHLY**

SAMPLING PROTOCOL: Sampling and analysis shall be performed in accordance with the techniques prescribed in 40 CFR Part 136 and amendments thereto. A grab sample, collected during a normal process day, shall be analyzed for the following parameters:

Analyte	Sewer Use Limit
*Volatile Organic Compounds	2.13 mg/L
Total Oil & Grease	100 mg/L

Analyte	Action Level
Polychlorinated Biphenyls	0.3 µg/L

* The summation of all Volatile Organic Compounds greater than 10 µg/L cannot exceed 2.13 mg/L.

SAMPLE POINT: IWC-937.6 – Groundwater Discharge - North Side Combined

SELF MONITORING FREQUENCY: **MONTHLY**
(*See Special Conditions #1 and #2)

SAMPLING PROTOCOL: Sampling and analysis shall be performed in accordance with the techniques prescribed in 40 CFR Part 136 and amendments thereto. A grab sample, collected during a normal process day, shall be analyzed for the following parameters:

Analyte	Sewer Use Limit
*Volatile Organic Compounds	2.13 mg/L
	Action Level
Polychlorinated Biphenyls	0.3 µg/L

* The summation of all Volatile Organic Compounds greater than 10 µg/L cannot exceed 2.13 mg/L.

OPTIONAL MONITORING

SAMPLE POINT: IWC-937.1 - Sample Shelter In North Parking Lot

SAMPLING PROTOCOL: Sampling and analysis shall be performed in accordance with the techniques prescribed in 40CFR part 136 and amendments thereto.

Self-monitoring shall be considered optional for surcharge computation. The industrial user shall have the option to sample and test their discharges for the purpose of calculating the surcharge, if applicable. The testing values shall be averaged with those testing values determined by the district for the purpose of calculating the surcharge. Should the industrial user choose to self-monitor for surcharge purposes, it will be imperative, each/every wastewater sample collected by a NYS certified laboratory be submitted to this office in a timely matter.

Special Conditions:

1. IWC-937.6 is the combined discharge of the AWTA foundation sump, well Z, GR-1 and GR-2. Historically the AWTA foundation sump and well Z require treatment for PCB contamination and will pass through the Granular Activated Carbon (GAC) treatment system. Wells GR-1 and GR-2 have not needed treatment and will not pass though the GAC system. Should monitoring indicate that GR-1 and/or GR-2 require treatment then they must be routed through the GAC system.
2. Required monitoring conducted at sample point IWC-937.6 shall be collected during a normal process day which shall include flow from the AWTA foundation sump, well Z, GR-1 and GR2. If one or more of the flow streams are off line when samples are collected then these shall be identified and reported with the submission of the required monitoring report.
3. The summation of all Volatile Organic Compounds greater than 10 µg/L cannot exceed 2.13 mg/L.
4. Monthly discharge volumes must be supplied for sample points IWC-937.5 and IWC-937.6. The groundwater discharge flow totals will be used for billing purposes.
5. GM Components Holdings, LLC will be required to maintain and follow a Slug Discharge Control Plan or equivalent plan that meets the minimum requirements set forth in 40 CFR 403.8(f)(2)(vi) of the General Pretreatment Regulations.

TERMS AND CONDITIONS

GENERAL REQUIREMENTS:

A. The permittee agrees to accept and abide by all provisions of the Sewer Use Law of Monroe County (MCSUL) and of all pertinent rules or regulations now in force or shall be adopted in the future.

B. In addition to the parameters/limits outlined, the total facility discharge shall meet all other concentration values listed within the MCSUL and as described in Article III, Section 3.3(d) of the Law.

C. Included in Article II, Section 2.1 of the MCSUL, is the definition of "Normal Sewage". "Normal Sewage" may be discharged to the sewer system in excess of the concentrations outlined in the definition, however, the facility will be subject to the imposition of a sewer surcharge and possible self-monitoring requirements as a result. Surcharging procedures are outlined in Article X of the MCSUL.

D. Regulatory sampling for analytes not specified under "required monitoring" shall be conducted by Monroe County at a minimum frequency of once every three (3) years.

E. This permit is not assignable or transferable. The permit is issued to a specific user and location.

F. Per Article IX, section 9.9 of the MCSUL, a violation by the permittee of the permit conditions may be cause for revocation or suspension of the permit after a Hearing by the Administrative Board, or if the violation is found to be within the emergency powers of the Director under Section 9.6. The revocation is immediate upon receipt of notice to the Industrial User. If the revocation or suspension is issued under Section 9.6, a Hearing shall be held as soon as possible.

G. As provided under Article VI, Section 6.1 of the MCSUL, the Director and/or his duly authorized representatives shall gain entry on to private lands by permission or duly issued warrant for the purpose of inspection, observation, measurement sampling and testing in accordance with the provisions of this law and its implementing Rules and Regulations. The Director or his representatives shall not have authority to inquire into any processes used in any industrial operation beyond that information having a direct bearing on the kind and source of discharge to the sewers or the on-site facilities for waste treatment. While performing the necessary work on private lands, referred to above, the Director or his duly authorized representative shall observe all safety rules applicable to the premises as established by the owner and/or occupant.

H. All required monitoring shall be analyzed by a New York State Department of Health certified laboratory. All sampling and analysis must be performed in accordance with Title 40 Code of Federal Regulations Part 136.

I. The pH range for this permit is 5.0 – 12.0 S.U. This range is specifically permitted by the Director as allowed under Article III, Section 3.3(b) of the MCSUL. pH must be analyzed within 15 minutes of the time of collection as specified in 40 CFR, part 136.

J. Discharges of wax, fats, oil or grease shall not exceed 100 mg/L as imposed by the Director under Article III, Section 3.3 of the MCSUL.

SURCHARGE CONCENTRATIONS:

Concentration and/or characteristics of normal sewage:
"Normal Sewage" shall mean sewage, industrial wastes or other wastes, which when analyzed, show concentration values with the following characteristics based on daily maximum limits:

a. B. O. D.	300 mg/L
b. Total Suspended Solids	300 mg/L
c. Total Phosphorus, as P	10 mg/L

Annual average concentrations above normal sewage are subject to surcharge as defined in Article X, section 10.7 of the MCSUL.

DISCHARGE LIMITATIONS (SEWER USE LIMITS)

Permissible concentrations of toxic substances and/or substances the Department wishes to control:
The concentration in sewage of any of the following toxic substances and/or substances the Department wishes to control shall not exceed the concentration limits specified when discharged into the County Sewer System; metal pollutants are expressed as <u>total</u> metals in mg/L (ppm): the following pollutant limits are based on daily maximum values:

a. Antimony (Sb)	1.0 mg/L
b. Arsenic (As)	0.5 mg/L
c. Barium (Ba)	2.0 mg/L
d. Beryllium (Be)	5.0 mg/L
e. Cadmium (Cd)	1.0 mg/L
f. Chromium (Cr)	3.0 mg/L
g. Copper (Cu)	3.0 mg/L
h. Cyanide (CN)	1.0 mg/L
i. Iron (Fe)	5.0 mg/L
j. Lead (Pb)	1.0 mg/L
k. Manganese (Mn)	5.0 mg/L
l. Mercury (Hg)	0.05 mg/L
m. Nickel (Ni)	3.0 mg/L
n. Selenium (Se)	2.0 mg/L
o. Silver (Ag)	2.0 mg/L
p. Thallium (Tl)	1.0 mg/L
q. Zinc (Zn)	5.0 mg/L

REPORTING REQUIREMENTS:

A. Per the requirements of 40 CFR, Part 403.12(e), Significant Industrial Users must submit Periodic Reports on Continued Compliance to the Control Authority on a biannual (2/yr) basis. Deadline dates of submission for these reports will be August 15 and February 15, respectively.

B. Discharge monitoring reports shall be submitted to the Control Authority upon receipt from the permittee's testing laboratory. Reports submitted from industrial users identified as Significant Industrial Users (SIU) must be accompanied by a certification statement as required by 40 CFR part 403 and the MCSUL, Article VI, section 6.12.

C. Any Industrial User subject to the reporting requirements of the General Pretreatment Regulations shall maintain records of all information resulting from any monitoring activities required by 40 CFR, part 403.12 for a minimum of three (3) years. These records shall be available for inspection and copying by the Control Authority. This period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the Industrial User or the operation of the POTW Pretreatment Program or when requested by the Director or the Regional Administrator.

D. Pursuant to Article VI, Section 6.10 (4) of the MCSUL and the reporting requirements of the Code of Federal Regulations 40 CFR part 403.12, if a permitted user elects to perform monitoring at compliance monitoring locations more often than required and uses approved laboratory procedures, the results of all such additional monitoring and any additional flow measurements shall be reported to the Director on a timely basis and shall be included in reports as outlined in the MCSUL section 6.10(1)-(4).

NOTIFICATION REQUIREMENTS:

A. Pursuant to Article VI, Section 6.10(5), the permittee shall notify the Department within 24 hours of becoming aware that discharge monitoring is in violation of any permit limit. This notification shall be directed to the Industrial Waste Section at 585-753-7600 Option 4. The User shall also repeat sampling and analysis for the analyte in non-compliance and submit the results of the repeat analysis to Monroe County within 30 days after becoming aware of the violation.

B. Notify the Director in writing when considering a revision to the plant sewer system or any change in industrial waste discharges to the public sewers. The later encompasses either an increase or decrease in average daily volume or strength of waste or new wastes.

C. Notify the Director immediately of any accident, negligence, breakdown of pretreatment equipment or other occurrence that occasions discharge to the public sewer of any waste or process waters not covered by this permit.

SLUG CONTROL

An Industrial User shall be required to report any/all slug discharges to the Monroe County sewer system by calling 585-753-7600 option 4. For the purpose of this permit enclosure, a slug discharge shall be identified as any discharge of a non-routine, episodic nature, including but not limited to an accidental spill or a non-customary batch discharge. Following a review process, the Control Authority (Monroe County) shall determine the applicability of a facility slug control plan. If the Control Authority decides that a Slug Discharge Control Plan (SDCP) is needed, the plan shall contain, at a minimum, the following elements:

1. Description of discharge practices, including non-routine batch discharges.
2. Description of stored chemicals.
3. Procedures for immediately notifying the Control Authority of slug discharges, including any discharge that would violate a prohibition under 40 CFR 403.5 (b), with procedures for follow up written notification within five (5) days.
4. If necessary, procedures to prevent adverse impact from accidental spills, including, but not limited to, inspection and maintenance of storage areas, handling and transfer of materials, loading and unloading operations, control of plant site run-off, worker training, building of containment structures or equipment, measures for containing toxic organic pollutants (including solvents) and/or measures and equipment for emergency purposes.

SNC DEFINITION:

In accordance with 40 CFR 403.8 (f) (vii), an Industrial User is in significant noncompliance (SNC) if its violations meet one or more of the following criteria:

A. Chronic violations of wastewater discharge limits – defined as those which 66% or more of all the measurements taken during a six-month period exceed (by any magnitude) the daily maximum limit or the average limit for the same pollutant parameter (ref. Article IX, section 9.19 – MCSUL). This criteria does NOT apply to the following Monroe County surchargeable parameters: Biochemical Oxygen Demand, Total Suspended Solids, Chlorine Demand and Total Phosphorus.

B. Technical review criteria (TRC) violations – defined as those in which 33% or more of all the measurements for each pollutant parameter taken during a six month period equal or exceed the product of the daily maximum limit or the average limit times the applicable TRC (ref. Article IX, section 9.19 – MCSUL). This criteria does NOT apply to the following Monroe County surchargeable parameters: Biochemical Oxygen Demand, Total Suspended Solids, Chlorine Demand and Total Phosphorus.

C. Any other violation of a pretreatment effluent limit (daily maximum or longer-term average) that the Control Authority determines has caused, alone or in combination with other discharges, interference or pass-through (including endangering the health or POTW personnel or the general public).

D. Any discharge of a pollutant that has caused imminent endangerment to human health, welfare or the environment or has resulted in the POTW's exercise of its emergency authority under paragraph (t)(1)(vi)(8) of 40 CFR part 403 to prevent such a discharge.

E. Failure to meet, within 90 days after the scheduled date, a compliance schedule milestone contained in a local control mechanism or enforcement order, for starting construction, completing construction or attaining final compliance.

F. Failure to provide, within 30 days after the due date, required reports such as BMRs, 90 day compliance reports, periodic reports on continued compliance.

G. Failure to accurately report noncompliance.

H. Any other violation or group of violations that the Control Authority determines will adversely affect the operation and implementation of the local Pretreatment Program.

PENALTIES

Should the facility be considered in Significant Non-Compliance (SNC), based on the above mentioned criteria, the minimum enforcement response by Monroe County will be the publication of the company name in the Gannett Rochester newspaper. The company will be published as an Industrial User in Significant Non-Compliance (SNC). Fines and criminal penalties may follow this publication (ref. Article IX – MCSUL).

Nothing in this permit shall be construed to relieve the permittees from civil/criminal penalties for noncompliance under Article IX, Section 9.7(a)(5) MCSUL. Article IX provides that any person who violates a permit condition is subject to a civil penalty not to exceed $25,000 for any one case and an additional penalty not to exceed $25,000 for each day of continued violation.

APPENDIX F – DAILY FIELD REPORTS

DAILY FIELD REPORT

PROJECT	GM Lexington - SSDS Expansion	**H&A FILE NO.**	127982-014
LOCATION	1000 Lexington Avenue, Rochester, NY	**PROJECT MGR.**	D.Conley
CLIENT	GMCH	**REPORT NO.**	1
CONTRACTOR	Matrix	**DATE**	9/12/2017
WEATHER		**TEMPERATURE**	70 F

8:00 - onsite and check in at front office with Matrix and plant personel (Cynette and Erik) for safety meeting and pre-task plan reviews.

9:00 - Matrix began mobilizing equipment and trucks onsite. A daily tailgate safety meeting was held and the required GM safety redcard was filled

Matrix began staging equipment, including handtools, piping, unistrut beams, and the aerial lift at the suction pit located at column G-31.
the work area was barricaded with cones and signage to keep the work area segregated and to provide caution for GM employees.
Matrix began installing pipe at the suction pit to continue the run to the roof.

13:30 - Matrix and plant personnel (including a plant engineer) walked to the approximate locations on the roof where the piping will go through to mark out and certify locations.

Matrix completed the pipe run to the ceiling at G-31 and then moved equipment to the L-23 pit location.

15:30 - Matrix offsite

Field Representative(s)	Time on site	Report/Travel/Other	Total hours
J.Sanger	8:00-15:45	0/0/.5	8.25

Distribution:

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DAILY FIELD REPORT

PROJECT	GM Lexington - SSDS Expansion	**H&A FILE NO.**	127982-014
LOCATION	1000 Lexington Avenue, Rochester, NY	**PROJECT MGR.**	D.Conley
CLIENT	GMCH	**REPORT NO.**	1
CONTRACTOR	Matrix Environmental	**DATE**	9/13/2017
WEATHER		**TEMPERATURE**	70 F

8:00 - meet onsite with Matrix and perform health and safety Tailgate meeting and redcard (GM standard)

8:30 Matrix setup equipment in L-23 area and began to install piping (4"). The area was barricaded with cones and caution tape and included signs indicating overhead work was taking place. Plant H&S came and checked with us on safety equipment and procedures

11:30 - Matrix completed installation of piping at L-23 and moved equipment to G-7 location

15:30 - Matrix completed installation of piping at G-7 location and packed up tools and equipment for overnight storage.

16:00 - Matrix offsite

Field Representative(s)	Time on site	Report/Travel/Other	Total hours
J.Sanger	8:00-16:00	0/0/.5	8.5

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DAILY FIELD REPORT

PROJECT	GM SSDS Install	**H&A FILE NO.**	127982
LOCATION	1000 Lexington Ave.	**PROJECT MGR.**	Denis Conley
CLIENT	GM SSDS Install	**REPORT NO.**	
CONTRACTOR	Matrix and Connor Haas	**DATE**	9/14/2017
WEATHER	60s Sunny	**TEMPERATURE**	Inside Work

8:00 Conner Hass and Matrix on Site. Met with Cynette and Eric to go over heath and safety.

9:00 Did a walk through the Plant with Contractors.

9:45 Matrix set up and working on SP-6 (in-between columns T-19 and T-21). Connor Haas waiting for lift to come in and working on bending conduit for electrical panel on column E7.

10:30 Connor Hass has lift and prepping for work. Will start with conduit.

11:30 Matrix has reached ceiling with pipe.

12:00 Lunch

13:00 Matrix finishing up piping and securing it to ceiling. Connor Haas is bending conduit on column E7.

14:00 Finished piping. Cleaning up.

Field Representative(s)	Time on site	Report/Travel/Other	Total hours

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DAILY FIELD REPORT

PROJECT	GM SSDS Install	**H&A FILE NO.**	127982
LOCATION	1000 Lexington Ave.	**PROJECT MGR.**	Denis Conley
CLIENT	GM SSDS Install	**REPORT NO.**	
CONTRACTOR	Connor Haas	**DATE**	9/15/2017
WEATHER	60s Sunny	**TEMPERATURE**	Inside Work

6:45 Conner Hass on site went over heath and safety. Matrix not here today.

7:15 Started at electoral panel on column E31.

9:30 Finished installing conduit to light panel on column E31 for SP-5.

10:00 Setting up on SP-4 conduit on column J19.

15:00 Spent the day on SP-4 conduit install. Clean up and off site.

Field Representative(s)	Time on site	Report/Travel/Other	Total hours

Distribution:

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DAILY FIELD REPORT

PROJECT	GM SSDS Install	**H&A FILE NO.**	127982
LOCATION	1000 Lexington Ave.	**PROJECT MGR.**	Denis Conley
CLIENT	GM SSDS Install	**REPORT NO.**	
CONTRACTOR	Matrix/Connor Haas	**DATE**	9/18/2017
WEATHER	60s Sunny	**TEMPERATURE**	60's

7:00 Conner Hass on site went over heath and safety.

7:45 Set up and begin work on SP6 from light panel T-19.

8:45 Matrix Set up and met with Cynette to review roof access permit. Matrix is starting at SP3 column G-7.

10:00 Setting up on SP-4 conduit on column J19.

11:00 Brought blower for SP3 on roof. **Conduit complete**

13:00 Matrix Set up on SP6 penetration.

14:00 Brought up suction unit on roof and installed unit.

15:00 Connor Haas completed running conduit.

16:00 Matrix finished installing suction units on SP3 and SP6.

16:30 Clean up and off site.

Field Representative(s)	Time on site	Report/Travel/Other	Total hours

Distribution:

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DAILY FIELD REPORT

PROJECT	GM SSDS Install	**H&A FILE NO.**	127982
LOCATION	1000 Lexington Ave.	**PROJECT MGR.**	Denis Conley
CLIENT	GM SSDS Install	**REPORT NO.**	
CONTRACTOR	Connor Haas	**DATE**	9/19/2017
WEATHER	70s Sunny	**TEMPERATURE**	Inside/roof Work

6:45 Conner Hass on site went over heath and safety.

7:15 Connor Haas setting up. Plan today is to install disconnects and start roof connections. Completed roof permit with GM for both Connor Haas and Matrix for roof access.

8:45 Matrix set up and starting penetration on SP5.

9:15 Roof penetration for SP5 complete. Cleaning up and moving to roof. Connor Haas installing pipe and wire through roof at SP5.

12:00 Matrix installed SP5 unit on roof. Connor Haas on roof connecting wiring to SP units. Holes in roof will be sealed with M2 seal. SP units are secured to roof with toggle bolts.

13:00 Matrix is sealing SP units. Some minor leaking occurring where lag bolts went through ceiling. Matrix will let the compound set and clean in the morning. C-H installed the disconnects and roof wiring of SP units. Matrix will finish SP4 tomorrow and cap off the rest of the SP units with more M1 compound.

14:30 Matrix complete with work today. Off Site. C-H finishing up for today.

15:00 Off Site.

Field Representative(s)	Time on site	Report/Travel/Other	Total hours

Distribution:

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DAILY FIELD REPORT

PROJECT	GM SSDS Install	**H&A FILE NO.**	127982
LOCATION	1000 Lexington Ave.	**PROJECT MGR.**	Denis Conley
CLIENT	GM SSDS Install	**REPORT NO.**	
CONTRACTOR	Matrix/Connor Haas	**DATE**	9/20/2017
WEATHER	70s Sunny	**TEMPERATURE**	Inside/roof Work

6:45 Conner Hass on site went over heath and safety.

7:15 Connor Haas setting up. Plan today is to install disconnect and start roof connection SP4. Completed roof permit with GM for both Connor Haas and Matrix for roof access. Connor Haas will be connecting power to units with GM today.

8:45 Matrix set up and starting penetration on SP4. Cleaning up leaks from yesterday.

9:00 Connor Haas turned power off on column J-19 to wire in power for SP4. Matrix working on SP4 penetration.

9:30 Connor Haas completed work at column J-19 and has turned power on and moving to SP3.

10:00 Connor Haas turned off power to wire in SP3. Power back on. SP3 complete.
Matrix has drilled through the ceiling and placed PVC pipe for SP4.

14:00 Matrix installed SP4 and sealed the roof. Connor Haas have completed work. Plan on coming tomorrow to label and clean up. Small leak from SP4. Matrix putting cardboard on floor to catch any drips.

15:00 Matrix checking on GR-1 and other items on check list. Will put guages on tomorrow.

16:00 Off site

Field Representative(s)	Time on site	Report/Travel/Other	Total hours

Distribution:

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DAILY FIELD REPORT

PROJECT	GM SSDS Install	**H&A FILE NO.**	127982
LOCATION	1000 Lexington Ave.	**PROJECT MGR.**	Denis Conley
CLIENT	GM SSDS Install	**REPORT NO.**	
CONTRACTOR	Matrix/Connor Haas	**DATE**	9/21/2017
WEATHER	70s Sunny	**TEMPERATURE**	Inside/roof Work

6:45 Conner Hass on site went over heath and safety plan for planned work activities. Setting up.

9:00 Matrix on site. Will start with installing gauges and sample ports at the pits. Connor Haas labeling panels to GM protocol on roof and on disconnect. Matrix checked GR-1 again today, tripped and reset, increased speed to 3.5 amps.

11:00 Connor Haas has completed work on site. Cleaning up and moving lift to dock for pickup.

Matrix finished installing gauges. On roof to finish sealing SSDS units. Taking more SL1 compound than expected, running back to shop for more.

14:00 Matrix back and roof work completed. SSDS is ready for final GM check.

14:30 Matrix off roof. Drilling of sub-slab vacuum monitoring points will be moved until tomorrow. Cleaning up and prepping for tomorrow.

15:00 Off site

Field Representative(s)	Time on site	Report/Travel/Other	Total hours

Distribution:

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DAILY FIELD REPORT

PROJECT	GM SSDS Install	**H&A FILE NO.**	127982
LOCATION	1000 Lexington Ave.	**PROJECT MGR.**	Denis Conley
CLIENT	GM SSDS Install	**REPORT NO.**	
CONTRACTOR	Matrix	**DATE**	9/22/2017
WEATHER	70s Sunny	**TEMPERATURE**	Inside

8:00 Matrix on site. Prepping for the day and bringing lift to bar stock dock for pickup. Went through health and safety plan required for planned work activities.

8:45 Matrix will begin drilling vapor points. Beginning at point G-29. Matrix is adding a ring of grout around each point for better appearance.

11:00 Need Cynette to confirm point L-25. Located in a high foot traffic area. Point reviewed and moved with GMCH approval.

15:00 Matrix completed installation of 18 sub-slab vacuum monitoring points today. Will complete the remianing 7 points on Monday. Darrin and Jon on-site to review some information with Pat Bliek from Matrix and review the Spill busters equipment.

16:00 Off Site.

Field Representative(s)	Time on site	Report/Travel/Other	Total hours

Distribution:

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DAILY FIELD REPORT

PROJECT	GM SSDS Install	**H&A FILE NO.**	127982
LOCATION	1000 Lexington Ave.	**PROJECT MGR.**	Denis Conley
CLIENT	GM SSDS Install	**REPORT NO.**	
CONTRACTOR	Matrix/Connor Haas	**DATE**	9/21/2017
WEATHER	70s Sunny	**TEMPERATURE**	Inside/roof Work

6:45 Conner Hass on site went over heath and safety plan for planned work activities. Setting up.

9:00 Matrix on site. Will start with installing gauges and sample ports at the pits. Connor Haas labeling panels to GM protocol on roof and on disconnect. Matrix checked GR-1 again today, tripped and reset, increased speed to 3.5 amps.

11:00 Connor Haas has completed work on site. Cleaning up and moving lift to dock for pickup.

Matrix finished installing gauges. On roof to finish sealing SSDS units. Taking more SL1 compound than expected, running back to shop for more.

14:00 Matrix back and roof work completed. SSDS is ready for final GM check.

14:30 Matrix off roof. Drilling of sub-slab vacuum monitoring points will be moved until tomorrow. Cleaning up and prepping for tomorrow.

15:00 Off site

Field Representative(s)	Time on site	Report/Travel/Other	Total hours

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DAILY FIELD REPORT

PROJECT	GM SSDS Install	**H&A FILE NO.**	127982
LOCATION	1000 Lexington Ave.	**PROJECT MGR.**	Denis Conley
CLIENT	GM SSDS Install	**REPORT NO.**	
CONTRACTOR	Matrix	**DATE**	9/25/2017
WEATHER	70s Sunny	**TEMPERATURE**	Inside

8:00 Matrix on site. Went over safety Tailgate. Working on completing vapor point install today.

9:00 Matrix brought dye for grout for better appearance.

12:00 Preformed a carbon back wash on the treatment system.

14:00 Added different labels to light panels per GM request.

15:00 Completed vapor point install.

16:00 Turned on SP units, all functioning. When running positive pressure was observed from cracks in ground near pits.
Matrix coming out tomorrow to seal floor cracks.

16:30 Off site.

Field Representative(s)	Time on site	Report/Travel/Other	Total hours
Michael Clancy			

Distribution:

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HALEY ALDRICH DAILY FIELD REPORT

Project	GM LEXINGTON AVENUE: LNAPL RECOVERY WELL INSTALLATION	**Daily Report**	1
Location	ROCHESTER, NEW YORK	**Week Ending**	10 SEP 2018
Client	GMHC	**Page**	1 of 1
Contractor	EARTH DIMENSIONS, INC.	**File No.**	127982-018

I. CONTRACTOR'S ACTIVITIES:

1. Mobilized Diedrich D-120 drill rig and support truck to the site.
2. Waited for administrative issues to be resolved (09:00 to 11:30).
3. Filled water tank and set up at well location LR-3 (formerly SR-318).
4. Removed the bollards and stand pipe at SR-318.
5. Over-drilled SR-318 to 20-feet below ground surface with 8-inch diameter augers and removed 20-feet of stainless-steel riser riser from the existing well. Note that the well screen was not recovered. Drill cuttings were contained in a 55-galon drum.

II. FIELD REPRESENTATIVE'S ACTIVITIES:

1. Observed the Contractor's Activities noted above.
2. Met with drillers and Erik Anderson (GM) prior to beginning work to review safety requirements at the GM site.
3. Completed required safety paperwork and filed it in the GM project folder.
4. Communicated with Mr. Denis Conley (H&A) via telephone and email and discussed project progress and scheduling.

III. WEATHER:

Monday, September 10, 2018 – overcast, rain, 50s-60s ^{o}F

ATTACHMENTS:

None

Field Representative(s)	**Time on site**	**Report/Travel/Other**	**Total**
David B. Keller	09:00 – 16:00 (7.00 hrs)	0.25/0.25/0.00 hrs	7.50 hrs

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HALEY ALDRICH DAILY FIELD REPORT

Project	GM LEXINGTON AVENUE: LNAPL RECOVERY WELL INSTALLATION	**Daily Report**	2
Location	ROCHESTER, NEW YORK	**Week Ending**	11 SEP 2018
Client	GMHC	**Page**	1 of 1
Contractor	EARTH DIMENSIONS, INC.	**File No.**	127982-018

I. CONTRACTOR'S ACTIVITIES:

1. Continued drilling LR-3 at SR-318 near Loading Dock 75 from 20-feet below ground surface. Advance the hole through bedrock with an 8-inch diameter rollerbit to a depth of 28 feet. Note that the drillers were unable to remove the existing stainless-steel screen; it was crushed below the rollerbit and left at the bottom of the hole. The hole measured 27.5 feet at the completion of drilling (i.e., the old well screen was left at 27.5-28.0 feet).

2. Began installation of the new 4-inch diameter stainless steel well. Set the bottom of the 15-foot screen at 27-feet below ground surface with 10-feet of solid riser using centralizers as required to center the well in the hole. Backfilled with sand to approximately 10-feet. (Installation report to be attached upon completion of the installation.)

3. Contained drill cuttings in 55-galon drums. Contained drill water in separate 55-gallon drums. Drums were left at the well location for GM to manage.

II. FIELD REPRESENTATIVE'S ACTIVITIES:

1. Observed the Contractor's Activities noted above.

2. Met Erik Anderson (GM) periodically throughout the day and discussed project progress and scheduling.

3. Completed required safety paperwork and filed it in the GM project folder.

4. Communicated with Mr. Denis Conley (H&A) via telephone and discussed project progress and scheduling.

III. WEATHER:

Tuesday, September 11, 2018 – mixed clouds and sun, 60s-70s ^{o}F

ATTACHMENTS:

None

Field Representative(s)	**Time on site**	**Report/Travel/Other**	**Total**
David B. Keller	07:30 – 15:45 (8.25 hrs)	0.25/0.25/0.00 hrs	8.75 hrs

Distribution:

File

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DAILY FIELD REPORT

Project	GM LEXINGTON AVENUE: LNAPL RECOVERY WELL INSTALLATION	**Daily Report**	3
Location	ROCHESTER, NEW YORK	**Week Ending**	12 SEP 2018
Client	GMHC	**Page**	1 of 2
Contractor	EARTH DIMENSIONS, INC.	**File No.**	127982-018

I. CONTRACTOR'S ACTIVITIES:

1. Continued installation of LR-3 at SR-318 near Loading Dock 75. Removed the 8-inch diameter augers and continued backfilling the annulus around the stainless steel well with sand to 10-feet (2-feet above the top of the screen) and then bentonite to approximately 8-feet. Temporarily stopped well installation at this point to drill the next well. They needed to cut some solid stainless-steel riser to complete the installation at LR-3 and planned to do that at a later date.

2. Constructed decon pad near the East Side Water Treatment building and decontaminated equipment needed for drilling the next well.

3. Filled water tank and set up at well location LR-2 (formerly PZ-120).

4. Removed the bollards and stand pipe at PZ-120.

5. Over-drilled PZ-120 to 9.5-feet below ground surface with 8-inch diameter augers and removed 12-feet of PVC riser and screen from the existing well PZ-120.

6. Cored bedrock from 9.5-feet to 34-feet.

7. Contained drill cuttings in 55-galon drums. Contained drill water in separate 55-gallon drums. Drums were left at the well location for GM to manage.

II. FIELD REPRESENTATIVE'S ACTIVITIES:

1. Observed the Contractor's Activities noted above.

2. Met Erik Anderson (GM) and discussed project progress and scheduling.

3. Completed required safety paperwork and filed it in the GM project folder.

4. Communicated with Mr. Denis Conley (H&A) via text and discussed project progress and scheduling.

III. WEATHER:

Wednesday, September 12, 2018 – mixed clouds and sun, 70s ^{o}F

ATTACHMENTS:

None

DAILY FIELD REPORT

Project	GM LEXINGTON AVENUE: LNAPL RECOVERY WELL INSTALLATION	**Daily Report**	3
Location	ROCHESTER, NEW YORK	**Week Ending**	12 SEP 2018
Client	GMHC	**Page**	2 of 2
Contractor	EARTH DIMENSIONS, INC.	**File No.**	127982-018

Field Representative(s)	**Time on site**	**Report/Travel/Other**	**Total**
David B. Keller	07:30 – 17:00 (9.50 hrs)	0.25/0.25/0.00 hrs	10.00 hrs

Distribution:

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HALEY ALDRICH DAILY FIELD REPORT

Project	GM LEXINGTON AVENUE: LNAPL RECOVERY WELL INSTALLATION	**Daily Report**	4
Location	ROCHESTER, NEW YORK	**Week Ending**	13 SEP 2018
Client	GMHC	**Page**	1 of 1
Contractor	EARTH DIMENSIONS, INC.	**File No.**	127982-018

I. CONTRACTOR'S ACTIVITIES:

1. Continued installation of LR-2 at PZ-120. Reamed 8-inch diameter socket in bedrock from 9.5-feet to 34-feet.

2. Brought four more drums to the site.

3. Contained drill cuttings in 55-galon drums. Contained drill water in separate 55-gallon drums. Drums were left at the well location for GM to manage.

II. FIELD REPRESENTATIVE'S ACTIVITIES:

1. Observed the Contractor's Activities noted above.

2. Met Erik Anderson (GM) and discussed project progress and scheduling.

3. Completed required safety paperwork and filed it in the GM project folder.

4. Changed the bag filters at the East Side Water Treatment building and restarted the treatment system.

5. Met with Mr. Denis Conley (H&A) at the H&A office and discussed project progress and scheduling. (0.75 other time)

III. WEATHER:

Thursday, September 13, 2018 – mostly sunny, 70s – 80s.^{o}F

ATTACHMENTS:

None

Field Representative(s)	**Time on site**	**Report/Travel/Other**	**Total**
David B. Keller	07:30 – 15:45 (8.25 hrs)	0.25/0.50/0.75 hrs	9.75 hrs

Distribution:

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HALEY ALDRICH DAILY FIELD REPORT

Project	GM LEXINGTON AVENUE: LNAPL RECOVERY WELL INSTALLATION	**Daily Report**	5
Location	ROCHESTER, NEW YORK	**Week Ending**	14 SEP 2018
Client	GMHC	**Page**	1 of 1
Contractor	EARTH DIMENSIONS, INC.	**File No.**	127982-018

I. CONTRACTOR'S ACTIVITIES:

1. Continued installation of LR-2 at PZ-120. Set stainless steel well screen from 34.0 feet to 14.0 feet with stainless steel riser to ground surface with approximately 6-ft stick-up.

2. Decontaminated the augers from LR-3 installation.

3. Contained drill cuttings in 55-galon drums. Contained drill water in separate 55-gallon drums. Drums were left at the well location for GM to manage.

II. FIELD REPRESENTATIVE'S ACTIVITIES:

1. Observed the Contractor's Activities noted above.

2. Met Erik Anderson (GM) and discussed project progress and scheduling.

3. Completed required safety paperwork and filed it in the GM project folder.

4. Communicated with Mr. Denis Conley (H&A) via email and discussed project progress and scheduling.

III. WEATHER:
Friday, September 14, 2018 – mixed clouds and sun, 70s – 80s.^{o}F

ATTACHMENTS:
None

Field Representative(s)	**Time on site**	**Report/Travel/Other**	**Total**
David B. Keller	07:30 – 11:00 (3.50 hrs)	0.25/0.25/0.00 hrs	4.00 hrs

Distribution:
File

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HALEY ALDRICH DAILY FIELD REPORT

Project	GM LEXINGTON AVENUE: LNAPL RECOVERY WELL INSTALLATION	**Daily Report**	6
Location	ROCHESTER, NEW YORK	**Week Ending**	17 SEP 2018
Client	GMHC	**Page**	1 of 2
Contractor	EARTH DIMENSIONS, INC.	**File No.**	127982-018

I. CONTRACTOR'S ACTIVITIES:

1. Completed installation of LR-2 at PZ-120. Cut stainless steel riser to approximately 2.6-ft stick-up. Backfilled with bentonite to 2-feet below ground surface. Filled with a concrete surface seal from 2-feet to 0-feet. Placed an orange reflective barrel over the riser for protection until the treatment enclosure could be installed.

2. Completed installation of LR-3 at SR-218. Added stainless steel riser to approximately 1.7-ft stick-up. Backfilled with bentonite to 2-feet below ground surface. Filled with a concrete surface seal from 2-feet to 0-feet. Placed an orange reflective cone over the riser for protection until the treatment enclosure could be installed.

3. Decontaminated the augers from LR-2 installation.

4. Contained drill cuttings in 55-galon drums. Contained drill water in separate 55-gallon drums. Drums were left at the well locations for GM to manage.

5. Disassembled the decon pad and placed poly sheeting and solids in a drum near the East Side Water Treatment building for GM to manage.

6. Demobilized from the site.

II. FIELD REPRESENTATIVE'S ACTIVITIES:

1. Observed the Contractor's Activities noted above.

2. Met Erik Anderson (GM) and discussed project progress and scheduling. Also recommend placing Jerzy barriers or similar protective barriers around the wells until the treatment enclosures are in place.

3. Changed the bag filters at the East Side Water Treatment building and restarted the treatment system.

4. Completed required safety paperwork and filed it in the GM project folder.

5. Communicated with Mr. Denis Conley (H&A) via email and discussed project progress and scheduling.

III. WEATHER:

Monday, September 17, 2018 – mostly sunny, 60s – 70s.^{o}F

ATTACHMENTS:

Core Boring Report for LR-2 – 2 pages
LNAPL Recovery Well Installation Report for LR-2 – 1 page
LNAPL Recovery Well Installation Report for LR-3 – 1 page

DAILY FIELD REPORT

Project	GM LEXINGTON AVENUE: LNAPL RECOVERY WELL INSTALLATION	**Daily Report**	6
Location	ROCHESTER, NEW YORK	**Week Ending**	17 SEP 2018
Client	GMHC	**Page**	2 of 2
Contractor	EARTH DIMENSIONS, INC.	**File No.**	127982-018

Field Representative(s)	**Time on site**	**Report/Travel/Other**	**Total**
David B. Keller	08:00 – 12:30 (4.50 hrs)	1.00/0.50/0.00 hrs	6.00 hrs

Distribution:

File

Haley & Aldrich, Inc.

\\haleyaldrich.com\share\roc_common\127982_GMCH Lexington\018 LR Well Installation\2018-09-17 GM Lexington Ave DFR-drilling-06.docx

DAILY FIELD REPORT

Client	**GMCH**	Date	**2019-04-24**
Project Name	**GM Lexington LNAPL Recovery wells**	Project Number	**128927-010**
City	**Rochester**	Project Manager	**/data/resources/project_manager_add_new**
State	**NY**	Event Name	
Weather	**Partly Cloudy**	Ground Conditions	**Dry**
Temp. Range (deg. F)	**40-50**	Wind Speed (mph)	

Time: **08:00:00 Obs. # 1** *Observation Type:* **Field Rep. Activity**

Remarks: Haley & Aldrich and Matrix (2) on site.

Time: **15:46:00 Obs. # 2** *Observation Type:* **Contractor Activity**

Remarks: Mobilized Hotbox to LR-3 location.

Time: **15:47:00 Obs. # 3** *Observation Type:* **Contractor Activity**

Remarks: Installed Hotbox and secured on concrete pad.

Time: **15:48:00 Obs. # 4** *Observation Type:* **Field Rep. Activity**

Remarks: Noted Matrix install small shims to plumb the one side of the enclosure. Matrix to also check on the availability of
longer bristle door bottom weather stripping. to eliminate a gap at the front door bottoms.
Matrix to complete installation of Spill Buster components, electrician to complete wiring on Tuesday 30 April 2019.

Time: **17:15:00 Obs. # 5** *Observation Type:* **Field Rep. Activity**

Remarks: Collected readings at EWTA and AWTA, Well Z. Also collected (1) composite ample from (6) drums containing spent carbon.

Time: **17:15:00 Obs. # 6** *Observation Type:* **Field Rep. Activity**

Remarks: Matrix offsite at 1500, H&A offsite at 1715.

Contractors	Equipment Onsite	Field Representative(s) **David Nostrant**	*For Haley & Aldrich, Inc.*
Travel Time (hrs):	Arrival Time: **08:00**	Departure Time: **17:10**	Hours Onsite: **9.17**

HALEY ALDRICH

DAILY FIELD REPORT

Project	GMCH Lexington	**Report No.**	1
Location	Lexington Avenue, Rochester, NY	**Date**	30 April 2019
Client	General Motors	**Page**	1 of 2
Contractor	Matrix	**File No.**	127982-010
Weather	cloudy	**Temperature**	50°

I. CONTRACTOR'S ACTIVITIES:

7:45 – Matrix and Schuler Haas onsite for continued work to install the LNAPL Recovery and Hot Box system at LR-2 and LR-3. All personnel met in the contractor room. John LaRosa (GM) was present to review FMEA process for Prime and subcontractors.

Pat Bliek and Steve Marchetti were onsite to disassemble the spill buster from the steel frame and installed inside Hot Box to create more space for removing and installing waste drums. Unistrut structure was fabricated to hold the control bow and electrical box inside the Hot Box located against the back wall. The compressor was located in the back of the hot box to the left. The spill buster was attached to the well.

Chris R. From Shuler-Haas was onsite to continue installation of the electrical connection. An excavation permit was provided by GM for the penetrations through the building exterior walls. A 120 VAC disconnect box was attached to the wall adjacent to the hot Box. The connection ties in to the conduit that was installed in December 2018.

15:45 – all contractors offsite from

II. FIELD REPRESENTATIVE'S ACTIVITIES:

Onsite to document and coordinate field activities.
Change bag filters in EWTA and check on systems.
Measured Product in LR-2 to be about 7 feet thick; measured product in LR-3 to be 0.01 feet thick.

Inspected EWTA and AWTA systems and recorded flow totals and system data. Change bag filters in EWTA to keep system operating. There was no floating product observed in the filters.

AWTA: the OWS transfer pump was on but was not moving any water. Well Z and the diaphragm pump were not operating due to high OWS level. The bag filter backpressure was getting high (20) and will likely need to be replaced. Carbon vessel requires a backwash as well.

HALEY ALDRICH

DAILY FIELD REPORT

Project	GMCH Lexington	**Report No.**	1
Location	Lexington Avenue, Rochester, NY	**Date**	30 April 2019
Client	General Motors	**Page**	2 of 2
Contractor	Matrix	**File No.**	127982-010
Weather	cloudy	**Temperature**	50°

ATTACHMENTS:





Field Representative(s)	**Time on site**	**Report/Travel/Other**	**Total**
J.Sanger	7:45- 16:30	//	8.75

Distribution: [Company Name; Attn: Contact Name]

G:\127982_GMCH Lexington\02_Site Visit Documentation\20190430 - REC Well Electrical

Haley & Aldrich, Inc.

HALEY ALDRICH

DAILY FIELD REPORT

Project	Delphi Automotive Systems NYSDEC Site #828064	**Report No.**	1
Location	GM Rochester Operations Facility, 1000 Lexington Avenue, Rochester, NY	**Date**	21 May 2019
Client	GM, LLC	**Page**	1 of 1
Contractor	Matrix Environmental, Inc., Schuler-Haas Electrical Con.	**File No.**	127982-020
Weather	Sunny	**Temperature**	65°

I. CONTRACTOR'S ACTIVITIES:

8:00 – meet Chris Redlinski of Schuler-Haas and Alan Setchell of Matrix Environmental and Darrin Costantini (H&A) in front lobby for Health & Safety orientation and contractor safety procedure review.

Schuler-Haas – installed the GFEP breakers for protection of the LR-2 and LR-3 automated LNAPL recovery systems as requested by the facility. Chris Redlinski (Schuler-Haas) inspected the variable frequency drives (VFD) for the RW-2 and GR-4 pump systems with Darrin Costantini (H&A) and determined that the VFD for the RW-2 diaphragm pump was not operating and the VFD for GR-4 was operating at low voltage.

The GR-4 pump system was restarted and is currently operating but replacement of the VFD was recommended due to visible corrosion observed on the electrical connections. The RW-2 VFD will need to be replaced.

Matrix – Alan Setchell installed the Spill Buster pumps in LR-2 and LR-3. LR-2 pump operation was initiated as about 8 feet of LNAPL was measured in the well. Due to low level product in LR-3, the pump was not operated at this time.

LR-2 was checked for operation. Controls were set to pump every hour for 20 minutes at the start. The electronics and the pneumatics of the pump were operating but the pump was not removing any product from the well. The components and settings of the pump were inspected during troubleshooting.

Matrix contacted Clean Earth Technology (802.425.3710) to discuss problems with the Spill Buster pump. Clean Earth recommended replacement of the bladder and/or check valve on the pump.

ATTACHMENTS: None

Field Representative(s)	**Time on site**	**Report/Travel/Other**	**Total**
J.Sanger	7:45 – 16:15	0.5/0.5/0	9.5

Distribution: James Hartnett, GM LLC



Haley & Aldrich, Inc.

HALEY ALDRICH

DAILY FIELD REPORT

Project	Delphi Automotive Systems NYSDEC Site #828064	**Report No.**	1
Location	GM Rochester Operations Facility, 1000 Lexington Avenue, Rochester, NY	**Date**	3 September 2019
Client	GM, LLC	**Page**	1 of 1
Contractor	Matrix Environmental, LLC	**File No.**	127982-016
Weather	Sunny	**Temperature**	75°

I. CONTRACTOR'S ACTIVITIES:

7:30 – Jon Sanger (H&A) onsite with Pat Bliek and Dave K. (Matrix) for IRM Systems Routine and Non-routine O&M activities.

Matrix worked on disassembling the Magnum Spillbuster oil recovery pump at LR-3 location. The pump was brought to the R-309 location and assembled on the mobile cart.

EWTA – due to a power outage at the plant over the holiday weekend (Labor Day), the computer program operating the system was down. It was first observed that the recovery pumps were operating and pumping water into the EQ tank. The tank was about 65% full, which is above the set point for the air stripper to operate (55%). When an alarm for the air stripper was reset, the system started up again and the air stripper operated normally.

14:30 - offsite

ATTACHMENTS: None

Field Representative(s)	Time on site	Report/Travel/Other	Total
J.Sanger	7:30 – 14:30	0.5/0.5	8 hr

Distribution: James Hartnett, GM LLC
Gail Finklestein, GMCH LLC
Erik Anderson, GMCH LLC

HALEY ALDRICH

DAILY FIELD REPORT

Project	Delphi Automotive Systems NYSDEC Site #828064	**Report No.**	1
Location	GM Rochester Operations Facility, 1000 Lexington Avenue, Rochester, NY	**Date**	17 December 2019
Client	GM, LLC	**Page**	1 of 2
Contractor	Matrix Environmental	**File No.**	127982-010
Weather	Cloudy, snow	**Temperature**	30°

I. CONTRACTOR'S ACTIVITIES:

8:00 – Pat Bliek (Matrix) onsite to install the LNAPL Recovery System at R-309 in building 1, complete bag filter change and carbon backwash in the AWTA, and complete bag filter change and carbon backwash in the EWTA.
8:10 – Meet with Erik Anderson and complete FMEA sheets.
8:30 – Mobilize to R-309 with tools and materials needed to install the recovery system. Matrix sets recovery system over R-309, installs new plug at the end of the power cord, wires compressor cable to recovery system power box, runs purging tube from pump to yellow metal cabinet (houses drum) and secondary containment tube under yellow trip protection cable/tube hider, and runs sensor wire (detects when drum is full) to recovery system power box. The sensor wire is too short, Matrix drills new hole in yellow metal cabinet for a more direct path to the drum.
10:45 – Matrix primes the pump and attempts to install in R-309. The pump will not lower into the well and the pump sensor does not recognize when in water. Matrix troubleshoots by checking all connections, cleaning connections, and reading through the manual. Matrix will call the manufacturer (CET) tomorrow to discuss troubleshooting.
14:10 - Mobilize to AWTA, change bag filters and complete carbon backwash
15:00 - Erik Anderson discusses a leak in the trench outside of the AWTA and shows Matrix. Matrix sees the leak at a 6" flange from one of the wells pumping to the AWTA.
15:20 – Mobilize to the EWTA, change bag filters and complete carbon backwash. System is running.
16:15 – Matrix offsite

II. HALEY & ALDRICH ACITIVITIES

8:00 – Robert Lydell (H&A) onsite to oversee the LNAPL Recovery System install at R-309 in building 1 and O&M contractor activities at the AWTA and EWTA.
08:45 – Collect background P.I.D. readings at the floor level (0.6 ppm), waist level (0.5 ppm), and breathing zone (0.5 ppm).
10:00 – Denis Conley (H&A) onsite for Health and Safety Audit.
10:45 – Collect background P.I.D. readings at the floor level (0.8 ppm), waist level (0.8 ppm), and breathing zone (0.8 ppm).
10:50 – Open flush-mount and collect P.I.D. readings in the well head space (93.1 ppm), at the floor level (1.1 to 3.3 ppm), waist level (0.9 ppm), and breathing zone (0.8 ppm).
12:00 – Collect SSDS Vacuum readings: SP-1 30, SP-2 41.5, SP-3 36, SP-4 41, SP-5 20 and SP-6 44.5.
14:10 - Mobilize to AWTA with Matrix. Eight (8) bag filters left, need to order more.
15:20 – Mobilize to EWTA with Matrix.
16:15 – H&A offsite.

ATTACHMENTS: None

HALEY ALDRICH

DAILY FIELD REPORT

Project	Delphi Automotive Systems NYSDEC Site #828064	**Report No.**	1
Location	GM Rochester Operations Facility, 1000 Lexington Avenue, Rochester, NY	**Date**	17 December 2019
Client	GM, LLC	**Page**	2 of 2
Contractor	Matrix Environmental	**File No.**	127982-010
Weather	Cloudy, snow	**Temperature**	30°

Field Representative(s)	**Time on site**	**Report/Travel/Other**	**Total**
R. Lydell	8:00 – 4:15	0.5/0.5/0	9.25

Distribution: James Hartnett, GM LLC

HALEY ALDRICH

DAILY FIELD REPORT

Project	Delphi Automotive Systems NYSDEC Site #828064	**Report No.**	1
Location	GM Rochester Operations Facility, 1000 Lexington Avenue, Rochester, NY	**Date**	6 March 2020
Client	GM, LLC	**Page**	1 of 1
Contractor	Matrix Environmental	**File No.**	127982-016
Weather	Cloudy, snow	**Temperature**	30°

I. CONTRACTOR'S ACTIVITIES:

7:30 – Pat Bliek (Matrix) onsite to install the LNAPL Recovery System at R-309 in building 1. Sign in with security and sign in on job safety board in contractor room.

Mobilize to R-309 with tools and materials needed to install the recovery system. Matrix tested the new compressor and verified operation and Matrix sets recovery system over R-309, and assembles the control box, auto seeker device and cord and pump in the correct manner for operation. After assembling everything, the control box was activated, and the system was turned on. The control box lighting indicated that the system was receiving power, but the auto seeker was not working properly. Matrix worked through troubleshooting the system including checking the pin connections with a multimeter to verify that the proper pins were receiving power.

Clean earth technology was contacted regarding the system. Clean earth verified that everything to troubleshoot the system had been performed and they would need to check the control box and the autoseeker. The system components were repackaged and brought back to the office. The system was shipped back to Clean earth.

The existing oil drum in the cabinet was removed and placed on the secondary containment pallet next to the drum cabinet and GM was notified. A new drum was placed in the cabinet.

Matrix replaced a blown diaphragm on the left side of the RW-2 pump at the EWTA.
Matrix installed the Emergency Eyewash stand at the EWTA. Eyewash station needs to be primed with water and eye solution.

14:00 – Matrix offsite

II. HALEY & ALDRICH ACITIVITIES

ATTACHMENTS: None

Field Representative(s)	Time on site	Report/Travel/Other	Total
J. Sanger	7:30 – 14:00	0.5/0.5/0	6.5

Distribution: James Hartnett, GM LLC

HALEY ALDRICH

DAILY FIELD REPORT

Project	Delphi Automotive Systems NYSDEC Site #828064	**Report No.**	1
Location	GM Rochester Operations Facility, 1000 Lexington Avenue, Rochester, NY	**Date**	17 March 2020
Client	GM, LLC	**Page**	1 of 2
Contractor	Matrix Environmental	**File No.**	127982-016
Weather	Overcast	**Temperature**	40°

I. CONTRACTOR'S ACTIVITIES:

7:30 – Pat Bliek and Steve Marchetti (Matrix) onsite for routine/non-routine O&M work.

EWTA: Matrix placed the new carbon into the tank, saturated the carbon. Matrix skimmed oil from the air stripper and the EQ tank with vacuum to a drum. The drums will sit in the EWTA to settle out. Matrix suggest skimming the oil out of this drum and the other drums in the room before disposal. The remaining water would be sent back through the system after going through a bag filter. A total of 8 drums were used in this week's activities. Additionally, Matrix pressure washed the pump directly after the Y-strainer (cleared the Y-strainer as well). They were able to get most of the grime off, however, there was still some left in the small gap where water is supposed to come out. After this, the outflow was up to 13.5 gpm. Matrix suggests when they onsite next for Well-Z they can bring the pump to their shop to soak in acid to remove the rest of the material. They predict this will clear the pump enough to bring the outflow back above 25 gpm.

R-309: Matrix installed the R-309 spill buster pump and troubleshooted connections. Pump currently seems to be operating normally and is set to 12-hour cycles. Tubing was taped to spill busting line with electrical tape to eliminate bunching up down the well. Product was pumped successfully all the way to the drum.

15:30 – Matrix offsite

II. HALEY & ALDRICH ACTIVITIES

7:30 – J. Sanger and T Williams onsite to monitor Matrix and conduct O&M activities. SSDS Tedlar bag samples were recovered from 6 sampling ports inside, 1 field dup was also taken. Upon return to the truck, 1 tadlar bag was discovered to have a leak, this sample was taken with the field dup. The field dup was then changed to become the designated sample. – 6 samples and 0 field dups were sent to the lab by J. Sanger —

T. Williams labeled the drums.

15:30 – H&A offsite

ATTACHMENTS: None

HALEY ALDRICH

DAILY FIELD REPORT

Project	Delphi Automotive Systems NYSDEC Site #828064	**Report No.**	1
Location	GM Rochester Operations Facility, 1000 Lexington Avenue, Rochester, NY	**Date**	17 March 2020
Client	GM, LLC	**Page**	2 of 2
Contractor	Matrix Environmental	**File No.**	127982-016
Weather	Overcast	**Temperature**	40°

Field Representative(s)	Time on site	Report/Travel/Other	Total
J. Sanger	7:30 – 12:30	0.5/0.5/0	7
T. Williams	7:30 – 15:30	0.5/0.5/0	9

Distribution: James Hartnett, GM LLC

APPENDIX G – SOIL AND WASTE DISPOSAL DOCUMENTATION

Mill Seat Landfill
303 BREW RD,
BERGEN, NY, 14416-9310

Reprint
Ticket# 956955

Customer Name WM-ROCHESTERHAULING 0058
Ticket Date 12/31/2018
Payment Type Credit Account
Manual Ticket#
Route 73750
Hauling Ticket#
Destination
Manifest 286250
Profile 119703NY(CONTAMINATED SOIL - SHIPPING DOCKS)
Generator 1764222 190-GMCOMPONENTSHOLDINGS
PO#

Carrier WM WASTE MANAGEMENT
Vehicle# 413907
Container
Driver GRIPE
Check#
Billing# 0000058
Grid K28-E17

	Time	Scale	Operator	Inbound			
In	12/31/18 07:05:11 A	Scale1	kking5		Gross	42040	lb
Out	12/31/18 07:23:58 A	SCALE2	kking5		Tare	35540	lb
					Net	6500	lb
					Tons	3.25	

Product	LD%	Qty	UOM	Rate	Tax/Fee	Amount	Origin
1 Cont Soil RCG-Tons-Unsp	100	3.25	Tons				MON

Total Tax/Fees
Total Ticket

Driver's Signature

BOX

Bill of Lading

Shipper No. C2277

SHIP TO:
(Designated Facility)

Facility Name: Waste Management Mill Seat
Facility Address: 303 Brew Rd
Bergen, NY 14416

Facility ID Number: n/a

Facility Phone #: 585-494-3000

FROM:
(Generator)

Generator Name: GM Components Holdings, LLC
Generator Address: 1000 Lexington Ave
Rochester, NY 14534

Generator ID Number:

Facility Phone #: 585-647-4786

Contact: Erik Anderson

24-Hour Emergency Response Phone: 585-489-7983 – Erik Anderson

DESCRIPTION OF ARTICLES

HM	U.S. DOT Description (UN or NA Number, Proper Shipping Name, Hazard Class, and Packing Group (if any))	Containers No.	Containers Type	Total Quantity	Unit Wt./Vol.
	Non-RCRA/Non-USDOT Regulated Material (~~Petroleum~~ Contaminated Soil)	1	CM	est. ~~17~~ 4	Tons

Special Handling Instructions and Additional Information:

Approval #~~[illegible]~~ 119703 1/4

Generator's Certification: This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Printed / Typed Name	Signature	Month	Day	Year
Erik Anderson		12	31	18

Carrier / Transporter Name: Waste Management Carrier / Transporter ID #:

Carrier acknowledges receipt of packages and required placards. Carrier certifies emergency response information was made available and carrier has the DOT emergency response guidebook or equivalent documentation in the vehicle. Properly described above is received in good order, except as noted.

Printed / Typed Name	Signature	Month	Day	Year
Josky Cartagena		12	31	2015

Designated Facility Discrepancy Indication Space:

Designated Facility Owner or Operator: Certification of receipt of materials covered by this shipper.

Printed / Typed Name	Signature	Month	Day	Year
~~[illegible]~~	Benjamin [illegible]	12	31	2015

Form Revision Date: 6/28/2018

RCVD 6/21/19

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD 002 215 234	1	(800) 535-5053	012535686 FLE

GENERATOR

5. Generator's Name and Mailing Address
GM COMPONENTS HOLDINGS
1000 LEXINGTON AVENUE
ROCHESTER, NY 14606
Generator's Phone: (585) 647-4766

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Environmental Services Group, Inc. (NY) — U.S. EPA ID Number: NYD 986 903 904

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
EQ DETROIT, INC.
1923 FREDERICK STREET
DETROIT, MI 48211
Facility's Phone: (313) 347-1300

U.S. EPA ID Number: MID 980 991 566

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, UN2735, Waste Amines, liquid, corrosive, n.o.s. (1,3-cyclohexanedimethanamine, 1,5 Pentanediamine, 2 Methyl), 8, PGII, (RQ for D002 @ 100 lbs.), ERG #153	001	DF	310	P	D002 B
X	2. UN3082, Waste Environmentally hazardous substance, liquid, n.o.s., (vinyl chloride, trichloroethylene), 9, PGIII, ERG #171	003	DM	1150	P	F001 D043 B
X	3. NA3077, Hazardous waste, solid, n.o.s. (F001), 9, PGIII, ERG #171	001	DM	275	P	F001 B
X	4. NA3082, Hazardous waste, liquid, n.o.s., (F001), 9, PGIII, ERG #171	003	DM	1270	P	F001 B

14. Special Handling Instructions and Additional Information
01. E199202DET / Waste Epoxy Hardener / ERG #153 02. H142130DET / Well Remediation Oil / ERG #171 03. K150193DET / Filter Bags & Debris / ERG #171 04. L179136DET / EWTA Clean Out Sludge / ERG #171
Emergency phone: INFOTRAC: 1-800-535-5053; Account # 80016
Placards offered: N

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Erik Anderson — Signature — Month: 05 Day: 22 Year: 19

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: JAMES FEDESON — Signature — Month: 05 Day: 22 Year: 19

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141	H141	H141	H141

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jordan Caverly — Signature — Month: 6 Day: 24 Year: 19

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYD 002 215 234	1	(800) 535-5053	012535702 FLE

GENERATOR

5. Generator's Name and Mailing Address: GM COMPONENTS HOLDINGS
1000 LEXINGTON AVENUE
ROCHESTER, NY 14606
Generator's Phone: (585) 647-4766

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Environmental Services Group, Inc. (NY) — U.S. EPA ID Number: NYD 986 903 904

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: EQ DETROIT, INC
1923 FREDERICK STREET
DETROIT, MI 48211
Facility's Phone: (313) 347-1300
U.S. EPA ID Number: MID 980 991 566

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, UN1993, Waste Flammable liquids, n.o.s. (Isopropyl Alcohol, Acetone), 3, PGI, (RQ for D001 @ 100 lbs.), ERG #128	01	DM	405	P	F003 D001 B
X	2. UN3082, Waste Environmentally hazardous substance, liquid, n.o.s., (vinyl chloride, trichloroethylene), 9, PGIII, ERG #171	01	DM	350	P	F001 D043 B
X	3. RQ, NA1760, Waste Compounds, cleaning liquid (contains: sodium metasilicate, monoethanolamine), 8, PGII, (RQ for D002 @ 100lbs.), ERG #154	01	DF	340	P	D002 B
	4.					

14. Special Handling Instructions and Additional Information
01. H138180DET / FLAMMABLE SOLVENTS / ERG #128 02. H142180DET / Well Remediation Oil / ERG #171 03. J199326DET / Waste Prowash 372-D / ERG #154
Emergency phone: INFOTRAC 1-800-535-5053 Account #80016 — Placards offered: ✓

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Erik Anderson — Signature — Month: 11 Day: 14 Year: 19

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Sean P. Winter — Signature — Month: 11 Day: 14 Year: 19

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141	H141	H141	

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Kristy Nagle — Signature — Month: 11 Day: 25 Year: 19

RCVD 6/16/2020 (EDA)

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD002215234	2	800-535-5053	012535687 FLE

GENERATOR

5. Generator's Name and Mailing Address
GM Components Holdings, LLC
1000 Lexington Ave
Rochester, NY 14606
Generator's Phone: 585-647-4766

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Environmental Services Group, Inc.
U.S. EPA ID Number: NYD986903904

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
EQ Detroit, Inc.
1923 Frederick St.
Detroit, MI 48211
Facility's Phone: 313-347-1300
U.S. EPA ID Number: MID980991566

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN1993, Waste Flammable liquids, N.O.S. (Isopropyl Alcohol, Acetone), 3, PG I (RQ for D001 @ 100 lbs) ERG# 128	02	DM	685	P	F003	D001	B
X	2. UN3082, Waste Environmentally hazardous substance, liquid, n.o.s. (vinyl chloride, Trichloroethylene), 9, PG III ERG# 171	03	DM	1265	P	F001	D043	B
X	3. NA3082, Hazardous Waste, liquid, N.O.S. (F001), 9, PG III ERG # 171	02	DM	710	P	F001	B	
X	4. NA3077, Hazardous Waste, solid, n.o.s. (F001), 9, PG III ERG # 171	01	DM	300	P	F001	B	

14. Special Handling Instructions and Additional Information
1. H138160 DET/Flammable Solvents; 2. H142180 DET/Well Remediation Oil; 3. L179136 DET EWTA Clean out Sludge; 4. K150193 DET/Filter Bags + Debris
Emergency phone: Infotrac 800-535-5053 Acct. # 80016

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Erik Anderson
Signature
Month: 05 Day: 28 Year: 20

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Michael Peterson
Signature
Month: 05 Day: 28 Year: 2020

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141	H141	H141	H141

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Michael K Krall
Signature
Month: 6 Day: 3 Year: 20

Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

R4 6/29/20.

869777

Please print or type

Form Approved OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD002215234
2. Page 1 of 1
3. Emergency Response Phone: 800-535-5053
4. Manifest Tracking Number: 012535678 FLE

GENERATOR

5. Generator's Name and Mailing Address: GM Components Holdings, LLC, 1000 Lexington Ave, Rochester, NY 14606
Generator's Site Address (if different than mailing address):
Generator's Phone: 585-647-4766

6. Transporter 1 Company Name: Environmental Services Group, Inc.
U.S. EPA ID Number: NYD986903904

7. Transporter 2 Company Name: EQ Industrial Services
U.S. EPA ID Number: MIK435642742

8. Designated Facility Name and Site Address: Veolia Env. SVCS LLC Technical Solutions, HWY 73, 3.5 Miles West of Taylors Bayou, Port Arthur, TX 77640
U.S. EPA ID Number: TXD 000838896.
Facility's Phone: 409-736-2821

9a HM	9b U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10 Containers No.	10 Containers Type	11 Total Quantity	12 Unit Wt./Vol.	13 Waste Codes
X	1 NA 3077, Hazardous Waste, solid, n.o.s. (polychlorinated biphenyls, Trichloroethylene), 9, PG III ERG #171	01	DM	118	K P (A)	F001 D007 PCB2 D035002A B
X	2 NA 3082, Hazardous Waste, liquid, n.o.s. (polychlorinated biphenyls, vinyl chloride), 9, PG III ERG # 171	01	DM	109	K	F001 D013 B002 PCB2 D035002A H B
X	3 UN 3363, Dangerous Goods in Apparatus, 9, ERG #171	01	DF	16	K	
	4 PO: R0001096					

14. Special Handling Instructions and Additional Information
1. WIP/PTA 400269 PCB Debris, ID# 0753-5000, OSD: 12/17/19
2. WIP/PTA 849654 PCB Remediation Oil, ID# 0758-5000, OSD: 6/28/19
3. WIP 403118 / PTA ~~550~~ 403118 PCB Ballasts, ID# 0759-5000, OSD: 6/27/19

Emergency Phone: 800-535-5053 Intertek Acct. 80016

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Erik Anderson
Signature:
Month: 05 Day: 28 Year: 2020

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Michael W Peterson
Signature:
Month: 05 Day: 28 Year: 2020

Transporter 2 Printed/Typed Name: Nicholas Kroll
Signature:
Month: 6 Day: 3 Year: 20

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1	2	3	4
H040	H040	H040	

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Tiffany Castleman
Signature: Tiffany Castleman
Month: 6 Day: 22 Year: 20

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

10222 RCVD 12/15/20 EA

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD002215234	1	800-535-5053	014468365 FLE

GENERATOR

5. Generator's Name and Mailing Address
GM Components Holdings, LLC
1000 Lexington Ave.
Rochester, NY
Generator's Phone: 585-647-4766

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Environmental Services Group, Inc. — U.S. EPA ID Number: NYD986903904

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
EQ Detroit, Inc.
1923 Frederick St.
Detroit, MI 48211
Facility's Phone: 313-347-1300
U.S. EPA ID Number: MID980991566

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3082, Waste Environmentally hazardous Substance, liquid, n.o.s. (vinyl chloride, tri-chloroethylene), 9, PG III ERG #171	04	DM	1575	P	F001	D043	B
X	2. NA 3082, Hazardous waste, liquid, n.o.s. (F001), 9, PG III ERG#171	01	DM	420	P	F001	B	
X	3. NA 3077, Hazardous Waste, solid, n.o.s. (F001), 9, PG III ERG#171	01	DM	285	P	F001	B	
	4.							

14. Special Handling Instructions and Additional Information
1. AH2180 DET / Well Remediation Oil; 2. L179136 DET / EQ/TA Clean out sludge;
3. K150193 DET / Filter Bags + Debris
Emergency Phone: 800-535-5053 Acct.# 80016 Placards offered: ✓

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Erik Anderson — Signature — Month: 11 Day: 16 Year: 20

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: JAMES FEDESON — Signature — Month: 11 Day: 16 Year: 20

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141	H141	H141	

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Robert Roach — Signature: RR — Month: 11 Day: 19 Year: 20

Received 3/19/21 ECA

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD002215234	1	(800)535-5053	014468370 FLE

GENERATOR

5. Generator's Name and Mailing Address: GM Components Holdings, LLC
1000 Lexington Ave.
Rochester, NY 14606
Generator's Phone: (585)647-4766

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: EQ Northeast, Inc. — U.S. EPA ID Number: MAD 084 814 136

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: EQ Detroit, Inc.
1923 Frederick Street
Detroit, MI 48211
Facility's Phone: (313) 347-1300
U.S. EPA ID Number: MID 980 991 566

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, UN1993, Waste Flammable liquids, n.o.s. (Isopropyl Alcohol, Acetone), 3, PGI (RQ for D001 @ 100 lbs.), ERG#128	002	DM	665	P	D001 F003
X	2. UN3082, Waste Environmentally hazardous substance, liquid, n.o.s.(vinyl chloride, trichloroethylene), 9, PGIII, ERG#171	004	DM	1320	P	F001 D043 B
X	3. NA3082, Hazardous waste, liquid, n.o.s.(F001), 9, PGIII, ERG#171	001	DM	310	P	F001 B
X	4. NA3077, Hazardous waste, solid, n.o.s.(lead), 9, PGIII, ERG#171	001	DM	220	P	D008 T

14. Special Handling Instructions and Additional Information
1. H138160DET Flammable Solvents; 2. H142180DET Well Remediation Oil; 3. L179136DET EWTA Clean Out Sludge; 4. B215230DET Lead Paint Chips & Debris
Infotrac Acct# 80016. Placards offered ✓ (Driver's initials).

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Erik Anderson — Signature: Erik Anderson — Month: 03 Day: 02 Year: 21

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: RICHARD GANZEL — Signature: Richard Ganzel — Month: 03 Day: 02 Year: 21

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141	H141	H141	H110

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Robert Roach — Signature: RCR — Month: 3 Day: 3 Year: 21

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD002215234
2. Page 1 of: 2
3. Emergency Response Phone: (800)535-5053
4. Manifest Tracking Number: 014468372 FLE

GENERATOR

5. Generator's Name and Mailing Address: GM Components Holdings, LLC
1000 Lexington Ave.
Rochester, NY 14606
Generator's Phone: (585)647-4766

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: EQ Northeast, Inc.
U.S. EPA ID Number: MAD 084 814 136

7. Transporter 2 Company Name: Veolia ES Technical Solutions
U.S. EPA ID Number: NTD050631369

8. Designated Facility Name and Site Address: Veolia ES Technical Solutions
Hwy 73, 3.5 Miles West of Taylors Bayou
Port Arthur, TX 77640
Facility's Phone: (409)736-2821
U.S. EPA ID Number: TXD 000 839 896

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3077, Hazardous waste, solid, n.o.s. (polychlorinated biphenyls, trichloroethylene), 9, PGIII, ERG #171	001	DM	184	K	F001 B007 PCB2 OUTS002H B
X	2. NA3082, Hazardous waste, liquid, n.o.s. (polychlorinated biphenyls, vinyl chloride), 9, PGIII, ERG #171	001	DM	45	K	F001 D043 B002 PCB2 OUTS219H B
X	3. NA3082, Hazardous waste, liquid, n.o.s. (polychlorinated biphenyls, trichloroethylene), 9, PGIII, ERG #171	003	DM	438	K	F001 B007 PCB2 OUTS609H B
	4.					

14. Special Handling Instructions and Additional Information

1. WIP/PTA400269 PCB Debris, ID#0323-5000, OSD:6/15/2020; 2. WIP/PTA849656 PCB Remediation Oil, ID#0321-5000, OSD:7/2/2020; 3. WIP/PTA403150 PCB Sludge, ID#0318-5000, OSD:9/2/2020, ID#0319-5000, OSD:9/2/2020, ID#0320-5000, OSD 9/2/2020. PO# A0003085 Infotrac Acct# 80016. Placards offered ✓ (Driver's initials).

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Erik Andersen
Signature:
Month: 03 Day: 02 Year: 21

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: RICHARD GANZEL
Signature:
Month: 03 Day: 02 Year: 21

Transporter 2 Printed/Typed Name: Ben Abdo
Signature:
Month: 03 Day: 09 Year: 21

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H040	H040	H040	

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jesse Carpenter
Signature:
Month: 3 Day: 22 Year: 21

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

APPENDIX H – INDOOR AIR / SUB-SLAB VAPOR AND GROUNDWATER ANALYTICAL LABORATORY DATA

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

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

TestAmerica Job ID: 480-59199-1
Client Project/Site: 058507, Site 255 GMCH - 1000 Lexington A
Revision: 2

For:
Conestoga-Rovers & Associates, Inc.
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, New York 14304

Attn: Kathleen Willy

Melissa Deyo

Authorized for release by:
9/4/2014 3:45:34 PM

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary 107
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Clean Canister Certification 113
Pre-Ship Certification 113
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Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
E	Result exceeded calibration range.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-59199-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-59199-1

Revision I
This report was revised to include the entire standard list of compounds by TO-15.

Revision II
This report was revised to report down to the Method Detection Limit (MDL).

Receipt
The samples were received on 5/3/2014 5:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice.

Air Toxics
Method(s) TO-15: The following sample(s) was diluted due to the abundance of non-target analytes: 2288-050214-1020 (480-59199-17). Elevated reporting limits (RLs) are provided.

Method(s) TO-15: Compounds were reported with results over the calibration range because these compounds were added to the compound list after analysis was completed. The compounds have been qualified with an "E".

No other analytical or quality issues were noted.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0925

Lab Sample ID: 480-59199-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	1.9		0.20	0.014	ppb v/v	1		TO-15	Total/NA
1,2-Dichlorotetrafluoroethane	0.46		0.20	0.035	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.76		0.20	0.012	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.50		0.20	0.018	ppb v/v	1		TO-15	Total/NA
Acetone	2.4	J	5.0	1.3	ppb v/v	1		TO-15	Total/NA
Benzene	0.24		0.20	0.019	ppb v/v	1		TO-15	Total/NA
Bromoform	0.020	J	0.20	0.010	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	1.9		0.50	0.066	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.080	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Chloroform	0.24		0.20	0.025	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.23	J	0.50	0.14	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.32		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.50		0.20	0.025	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane	0.57		0.50	0.030	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.11	J	0.20	0.013	ppb v/v	1		TO-15	Total/NA
Freon 22	0.47	J	0.50	0.048	ppb v/v	1		TO-15	Total/NA
Freon TF	5.4		0.20	0.018	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	8.8		5.0	0.22	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.80		0.50	0.023	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	0.31	J	0.50	0.24	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.29	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
n-Heptane	2.4		0.20	0.046	ppb v/v	1		TO-15	Total/NA
n-Hexane	2.4		0.20	0.034	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	2.3		0.20	0.016	ppb v/v	1		TO-15	Total/NA
Toluene	0.57		0.20	0.017	ppb v/v	1		TO-15	Total/NA
Trichloroethene	3.5		0.20	0.024	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.25		0.20	0.030	ppb v/v	1		TO-15	Total/NA
Xylene (total)	1.1		0.20	0.034	ppb v/v	1		TO-15	Total/NA
Xylene, o-	0.26		0.20	0.016	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	9.2		0.98	0.069	ug/m3	1		TO-15	Total/NA
1,2-Dichlorotetrafluoroethane	3.2		1.4	0.24	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	3.7		0.98	0.059	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	2.5		0.98	0.088	ug/m3	1		TO-15	Total/NA
Acetone	5.8	J	12	3.0	ug/m3	1		TO-15	Total/NA
Benzene	0.76		0.64	0.061	ug/m3	1		TO-15	Total/NA
Bromoform	0.21	J	2.1	0.10	ug/m3	1		TO-15	Total/NA
Carbon disulfide	6.0		1.6	0.21	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.50	J	1.3	0.13	ug/m3	1		TO-15	Total/NA
Chloroform	1.2		0.98	0.12	ug/m3	1		TO-15	Total/NA
Chloromethane	0.47	J	1.0	0.28	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	1.2		0.79	0.15	ug/m3	1		TO-15	Total/NA
Cyclohexane	1.7		0.69	0.086	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.8		2.5	0.15	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.48	J	0.87	0.056	ug/m3	1		TO-15	Total/NA
Freon 22	1.6	J	1.8	0.17	ug/m3	1		TO-15	Total/NA
Freon TF	42		1.5	0.14	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	22		12	0.53	ug/m3	1		TO-15	Total/NA
m,p-Xylene	3.5		2.2	0.10	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	0.90	J	1.5	0.71	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 2288-050214-0925 (Continued)

Lab Sample ID: 480-59199-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	1.0	J	1.7	0.43	ug/m3	1		TO-15	Total/NA
n-Heptane	9.6		0.82	0.19	ug/m3	1		TO-15	Total/NA
n-Hexane	8.6		0.70	0.12	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	15		1.4	0.11	ug/m3	1		TO-15	Total/NA
Toluene	2.1		0.75	0.064	ug/m3	1		TO-15	Total/NA
Trichloroethene	19		1.1	0.13	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.17	ug/m3	1		TO-15	Total/NA
Xylene (total)	4.6		0.87	0.15	ug/m3	1		TO-15	Total/NA
Xylene, o-	1.1		0.87	0.069	ug/m3	1		TO-15	Total/NA

Client Sample ID: 2288-050214-0927

Lab Sample ID: 480-59199-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	30		0.20	0.014	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	11		0.20	0.012	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	10		0.20	0.018	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	0.28		0.20	0.080	ppb v/v	1		TO-15	Total/NA
Acetone	7.7		5.0	1.3	ppb v/v	1		TO-15	Total/NA
Benzene	0.10	J	0.20	0.019	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.071	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Chlorobenzene	0.37		0.20	0.0081	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.80		0.50	0.14	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.48		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane	0.47	J	0.50	0.030	ppb v/v	1		TO-15	Total/NA
Freon 22	1.3		0.50	0.048	ppb v/v	1		TO-15	Total/NA
Freon TF	0.082	J	0.20	0.018	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	160	E	5.0	0.22	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.68		0.50	0.023	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	0.72		0.50	0.24	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.23	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.21		0.20	0.046	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.26		0.20	0.034	ppb v/v	1		TO-15	Total/NA
Styrene	0.12	J	0.20	0.018	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.027	J	0.20	0.016	ppb v/v	1		TO-15	Total/NA
Toluene	0.97		0.20	0.017	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.60		0.20	0.024	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.25		0.20	0.030	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.19	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Xylene (total)	2.2		0.20	0.034	ppb v/v	1		TO-15	Total/NA
Xylene, o-	1.5		0.20	0.016	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	150		0.98	0.069	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	53		0.98	0.059	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	49		0.98	0.088	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	1.6		1.1	0.44	ug/m3	1		TO-15	Total/NA
Acetone	18		12	3.0	ug/m3	1		TO-15	Total/NA
Benzene	0.33	J	0.64	0.061	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.45	J	1.3	0.13	ug/m3	1		TO-15	Total/NA
Chlorobenzene	1.7		0.92	0.037	ug/m3	1		TO-15	Total/NA
Chloromethane	1.7		1.0	0.28	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 2288-050214-0927 (Continued)

Lab Sample ID: 480-59199-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.9		0.79	0.15	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.3	J	2.5	0.15	ug/m3	1		TO-15	Total/NA
Freon 22	4.5		1.8	0.17	ug/m3	1		TO-15	Total/NA
Freon TF	0.63	J	1.5	0.14	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	390	E	12	0.53	ug/m3	1		TO-15	Total/NA
m,p-Xylene	3.0		2.2	0.10	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	2.1		1.5	0.71	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.79	J	1.7	0.43	ug/m3	1		TO-15	Total/NA
n-Heptane	0.86		0.82	0.19	ug/m3	1		TO-15	Total/NA
n-Hexane	0.93		0.70	0.12	ug/m3	1		TO-15	Total/NA
Styrene	0.50	J	0.85	0.077	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.19	J	1.4	0.11	ug/m3	1		TO-15	Total/NA
Toluene	3.7		0.75	0.064	ug/m3	1		TO-15	Total/NA
Trichloroethene	3.2		1.1	0.13	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.17	ug/m3	1		TO-15	Total/NA
Vinyl chloride	0.48	J	0.51	0.097	ug/m3	1		TO-15	Total/NA
Xylene (total)	9.5		0.87	0.15	ug/m3	1		TO-15	Total/NA
Xylene, o-	6.3		0.87	0.069	ug/m3	1		TO-15	Total/NA

Client Sample ID: 2288-050214-0935

Lab Sample ID: 480-59199-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.3	J	6.7	0.70	ppb v/v	33.4		TO-15	Total/NA
1,2,4-Trimethylbenzene	34		6.7	0.47	ppb v/v	33.4		TO-15	Total/NA
1,3,5-Trimethylbenzene	11		6.7	0.40	ppb v/v	33.4		TO-15	Total/NA
4-Ethyltoluene	11		6.7	0.60	ppb v/v	33.4		TO-15	Total/NA
Acetone	130	J	170	42	ppb v/v	33.4		TO-15	Total/NA
Carbon disulfide	3.2	J	17	2.2	ppb v/v	33.4		TO-15	Total/NA
Chloroform	2.5	J	6.7	0.84	ppb v/v	33.4		TO-15	Total/NA
cis-1,2-Dichloroethene	5.0	J	6.7	1.3	ppb v/v	33.4		TO-15	Total/NA
Freon TF	6.0	J	6.7	0.60	ppb v/v	33.4		TO-15	Total/NA
Isopropyl alcohol	39	J	170	7.2	ppb v/v	33.4		TO-15	Total/NA
m,p-Xylene	1.1	J	17	0.77	ppb v/v	33.4		TO-15	Total/NA
Naphthalene	86		17	6.7	ppb v/v	33.4		TO-15	Total/NA
Tetrachloroethene	3.6	J	6.7	0.53	ppb v/v	33.4		TO-15	Total/NA
Toluene	1.1	J	6.7	0.57	ppb v/v	33.4		TO-15	Total/NA
trans-1,2-Dichloroethene	15		6.7	0.97	ppb v/v	33.4		TO-15	Total/NA
Trichloroethene	750		6.7	0.80	ppb v/v	33.4		TO-15	Total/NA
Xylene (total)	2.7	J	6.7	1.1	ppb v/v	33.4		TO-15	Total/NA
Xylene, o-	1.6	J	6.7	0.53	ppb v/v	33.4		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	7.3	J	36	3.8	ug/m3	33.4		TO-15	Total/NA
1,2,4-Trimethylbenzene	170		33	2.3	ug/m3	33.4		TO-15	Total/NA
1,3,5-Trimethylbenzene	53		33	2.0	ug/m3	33.4		TO-15	Total/NA
4-Ethyltoluene	54		33	3.0	ug/m3	33.4		TO-15	Total/NA
Acetone	310	J	400	99	ug/m3	33.4		TO-15	Total/NA
Carbon disulfide	10	J	52	6.9	ug/m3	33.4		TO-15	Total/NA
Chloroform	12	J	33	4.1	ug/m3	33.4		TO-15	Total/NA
cis-1,2-Dichloroethene	20	J	26	5.0	ug/m3	33.4		TO-15	Total/NA
Freon TF	46	J	51	4.6	ug/m3	33.4		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 2288-050214-0935 (Continued)

Lab Sample ID: 480-59199-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Isopropyl alcohol	97	J	410	18	ug/m3	33.4		TO-15	Total/NA
m,p-Xylene	4.6	J	73	3.3	ug/m3	33.4		TO-15	Total/NA
Naphthalene	450		88	35	ug/m3	33.4		TO-15	Total/NA
Tetrachloroethene	24	J	45	3.6	ug/m3	33.4		TO-15	Total/NA
Toluene	4.3	J	25	2.1	ug/m3	33.4		TO-15	Total/NA
trans-1,2-Dichloroethene	58		26	3.8	ug/m3	33.4		TO-15	Total/NA
Trichloroethene	4000		36	4.3	ug/m3	33.4		TO-15	Total/NA
Xylene (total)	12	J	29	4.9	ug/m3	33.4		TO-15	Total/NA
Xylene, o-	7.0	J	29	2.3	ug/m3	33.4		TO-15	Total/NA

Client Sample ID: 2288-050214-0937

Lab Sample ID: 480-59199-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.68		0.20	0.014	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.37		0.20	0.012	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.59		0.20	0.018	ppb v/v	1		TO-15	Total/NA
Acetone	9.3		5.0	1.3	ppb v/v	1		TO-15	Total/NA
Benzene	0.095	J	0.20	0.019	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.071	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Chlorobenzene	0.064	J	0.20	0.0081	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.51		0.50	0.14	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.58		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Cumene	0.12	J	0.20	0.016	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane	0.48	J	0.50	0.030	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.093	J	0.20	0.013	ppb v/v	1		TO-15	Total/NA
Freon 22	1.4		0.50	0.048	ppb v/v	1		TO-15	Total/NA
Freon TF	0.084	J	0.20	0.018	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	190	E	5.0	0.22	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.23	J	0.50	0.023	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	1.0		0.50	0.24	ppb v/v	1		TO-15	Total/NA
methyl isobutyl ketone	0.12	J	0.50	0.027	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.21	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.085	J	0.20	0.034	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.061	J	0.20	0.016	ppb v/v	1		TO-15	Total/NA
Toluene	2.3		0.20	0.017	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.98		0.20	0.024	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.26		0.20	0.030	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.15	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.39		0.20	0.034	ppb v/v	1		TO-15	Total/NA
Xylene, o-	0.16	J	0.20	0.016	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	3.3		0.98	0.069	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	1.8		0.98	0.059	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	2.9		0.98	0.088	ug/m3	1		TO-15	Total/NA
Acetone	22		12	3.0	ug/m3	1		TO-15	Total/NA
Benzene	0.30	J	0.64	0.061	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.45	J	1.3	0.13	ug/m3	1		TO-15	Total/NA
Chlorobenzene	0.29	J	0.92	0.037	ug/m3	1		TO-15	Total/NA
Chloromethane	1.1		1.0	0.28	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	2.3		0.79	0.15	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 2288-050214-0937 (Continued)

Lab Sample ID: 480-59199-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cumene	0.57	J	0.98	0.079	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.4	J	2.5	0.15	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.40	J	0.87	0.056	ug/m3	1		TO-15	Total/NA
Freon 22	4.8		1.8	0.17	ug/m3	1		TO-15	Total/NA
Freon TF	0.64	J	1.5	0.14	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	470	E	12	0.53	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.0	J	2.2	0.10	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	3.1		1.5	0.71	ug/m3	1		TO-15	Total/NA
methyl isobutyl ketone	0.50	J	2.0	0.11	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.73	J	1.7	0.43	ug/m3	1		TO-15	Total/NA
n-Hexane	0.30	J	0.70	0.12	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.41	J	1.4	0.11	ug/m3	1		TO-15	Total/NA
Toluene	8.9		0.75	0.064	ug/m3	1		TO-15	Total/NA
Trichloroethene	5.3		1.1	0.13	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.17	ug/m3	1		TO-15	Total/NA
Vinyl chloride	0.38	J	0.51	0.097	ug/m3	1		TO-15	Total/NA
Xylene (total)	1.7		0.87	0.15	ug/m3	1		TO-15	Total/NA
Xylene, o-	0.70	J	0.87	0.069	ug/m3	1		TO-15	Total/NA

Client Sample ID: 2288-050214-0943

Lab Sample ID: 480-59199-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	2.7		0.20	0.014	ppb v/v	1		TO-15	Total/NA
1,2-Dichlorotetrafluoroethane	0.60		0.20	0.035	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	1.2		0.20	0.012	ppb v/v	1		TO-15	Total/NA
1,4-Dioxane	1.8	J	5.0	0.20	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.49		0.20	0.018	ppb v/v	1		TO-15	Total/NA
Acetone	29		5.0	1.3	ppb v/v	1		TO-15	Total/NA
Benzene	1.0		0.20	0.019	ppb v/v	1		TO-15	Total/NA
Bromodichloromethane	5.1		0.20	0.017	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	2.1		0.50	0.066	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.18	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Chloroethane	0.077	J	0.50	0.030	ppb v/v	1		TO-15	Total/NA
Chloroform	140	E	0.20	0.025	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.28	J	0.50	0.14	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.91		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Cyclohexane	2.0		0.20	0.025	ppb v/v	1		TO-15	Total/NA
Dibromochloromethane	0.16	J	0.20	0.020	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane	0.56		0.50	0.030	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.56		0.20	0.013	ppb v/v	1		TO-15	Total/NA
Freon 22	0.77		0.50	0.048	ppb v/v	1		TO-15	Total/NA
Freon TF	6.6		0.20	0.018	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	7.7		5.0	0.22	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	4.8		0.50	0.023	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.98		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	3.1		0.50	0.24	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	4.3		0.50	0.13	ppb v/v	1		TO-15	Total/NA
n-Heptane	2.9		0.20	0.046	ppb v/v	1		TO-15	Total/NA
n-Hexane	3.6		0.20	0.034	ppb v/v	1		TO-15	Total/NA
Styrene	0.028	J	0.20	0.018	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 2288-050214-0943 (Continued)

Lab Sample ID: 480-59199-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
tert-Butyl alcohol	0.68	J	5.0	0.33	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.25		0.20	0.016	ppb v/v	1		TO-15	Total/NA
Toluene	3.5		0.20	0.017	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.33		0.20	0.024	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.28		0.20	0.030	ppb v/v	1		TO-15	Total/NA
Xylene (total)	6.2		0.20	0.034	ppb v/v	1		TO-15	Total/NA
Xylene, o-	1.4		0.20	0.016	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	13		0.98	0.069	ug/m3	1		TO-15	Total/NA
1,2-Dichlorotetrafluoroethane	4.2		1.4	0.24	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	6.0		0.98	0.059	ug/m3	1		TO-15	Total/NA
1,4-Dioxane	6.4	J	18	0.72	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	2.4		0.98	0.088	ug/m3	1		TO-15	Total/NA
Acetone	69		12	3.0	ug/m3	1		TO-15	Total/NA
Benzene	3.2		0.64	0.061	ug/m3	1		TO-15	Total/NA
Bromodichloromethane	34		1.3	0.11	ug/m3	1		TO-15	Total/NA
Carbon disulfide	6.5		1.6	0.21	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	1.1	J	1.3	0.13	ug/m3	1		TO-15	Total/NA
Chloroethane	0.20	J	1.3	0.079	ug/m3	1		TO-15	Total/NA
Chloroform	660	E	0.98	0.12	ug/m3	1		TO-15	Total/NA
Chloromethane	0.57	J	1.0	0.28	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	3.6		0.79	0.15	ug/m3	1		TO-15	Total/NA
Cyclohexane	6.8		0.69	0.086	ug/m3	1		TO-15	Total/NA
Dibromochloromethane	1.4	J	1.7	0.17	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.8		2.5	0.15	ug/m3	1		TO-15	Total/NA
Ethylbenzene	2.4		0.87	0.056	ug/m3	1		TO-15	Total/NA
Freon 22	2.7		1.8	0.17	ug/m3	1		TO-15	Total/NA
Freon TF	51		1.5	0.14	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	19		12	0.53	ug/m3	1		TO-15	Total/NA
m,p-Xylene	21		2.2	0.10	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	4.0		2.0	0.82	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	9.2		1.5	0.71	ug/m3	1		TO-15	Total/NA
Methylene Chloride	15		1.7	0.43	ug/m3	1		TO-15	Total/NA
n-Heptane	12		0.82	0.19	ug/m3	1		TO-15	Total/NA
n-Hexane	13		0.70	0.12	ug/m3	1		TO-15	Total/NA
Styrene	0.12	J	0.85	0.077	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	2.1	J	15	0.99	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	1.7		1.4	0.11	ug/m3	1		TO-15	Total/NA
Toluene	13		0.75	0.064	ug/m3	1		TO-15	Total/NA
Trichloroethene	1.8		1.1	0.13	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.5		1.1	0.17	ug/m3	1		TO-15	Total/NA
Xylene (total)	27		0.87	0.15	ug/m3	1		TO-15	Total/NA
Xylene, o-	5.9		0.87	0.069	ug/m3	1		TO-15	Total/NA

Client Sample ID: 2288-050214-0945

Lab Sample ID: 480-59199-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	58	E	0.20	0.014	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	25		0.20	0.012	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	20		0.20	0.018	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 2288-050214-0945 (Continued)

Lab Sample ID: 480-59199-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Isopropyltoluene	0.79		0.20	0.080	ppb v/v	1		TO-15	Total/NA
Acetone	1.8	J	5.0	1.3	ppb v/v	1		TO-15	Total/NA
Benzene	0.082	J	0.20	0.019	ppb v/v	1		TO-15	Total/NA
Bromodichloromethane	0.043	J	0.20	0.017	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.072	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Chlorobenzene	1.0		0.20	0.0081	ppb v/v	1		TO-15	Total/NA
Chloroform	0.28		0.20	0.025	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane	0.48	J	0.50	0.030	ppb v/v	1		TO-15	Total/NA
Freon 22	0.47	J	0.50	0.048	ppb v/v	1		TO-15	Total/NA
Freon TF	0.064	J	0.20	0.018	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	130	E	5.0	0.22	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	1.1		0.50	0.023	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.084	J	0.20	0.046	ppb v/v	1		TO-15	Total/NA
Toluene	1.5		0.20	0.017	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.027	J	0.20	0.024	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.32		0.20	0.030	ppb v/v	1		TO-15	Total/NA
Xylene (total)	4.8		0.20	0.034	ppb v/v	1		TO-15	Total/NA
Xylene, o-	3.7		0.20	0.016	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	290	E	0.98	0.069	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	120		0.98	0.059	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	97		0.98	0.088	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	4.3		1.1	0.44	ug/m3	1		TO-15	Total/NA
Acetone	4.4	J	12	3.0	ug/m3	1		TO-15	Total/NA
Benzene	0.26	J	0.64	0.061	ug/m3	1		TO-15	Total/NA
Bromodichloromethane	0.29	J	1.3	0.11	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.46	J	1.3	0.13	ug/m3	1		TO-15	Total/NA
Chlorobenzene	4.6		0.92	0.037	ug/m3	1		TO-15	Total/NA
Chloroform	1.4		0.98	0.12	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.4	J	2.5	0.15	ug/m3	1		TO-15	Total/NA
Freon 22	1.7	J	1.8	0.17	ug/m3	1		TO-15	Total/NA
Freon TF	0.49	J	1.5	0.14	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	320	E	12	0.53	ug/m3	1		TO-15	Total/NA
m,p-Xylene	4.9		2.2	0.10	ug/m3	1		TO-15	Total/NA
n-Heptane	0.34	J	0.82	0.19	ug/m3	1		TO-15	Total/NA
Toluene	5.7		0.75	0.064	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.15	J	1.1	0.13	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.8		1.1	0.17	ug/m3	1		TO-15	Total/NA
Xylene (total)	21		0.87	0.15	ug/m3	1		TO-15	Total/NA
Xylene, o-	16		0.87	0.069	ug/m3	1		TO-15	Total/NA

Client Sample ID: 2288-050214-0907

Lab Sample ID: 480-59199-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	13		0.20	0.014	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	4.4		0.20	0.012	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	3.8		0.20	0.018	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	0.17	J	0.20	0.080	ppb v/v	1		TO-15	Total/NA
Acetone	11		5.0	1.3	ppb v/v	1		TO-15	Total/NA
Benzene	0.14	J	0.20	0.019	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 2288-050214-0907 (Continued)

Lab Sample ID: 480-59199-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	0.074	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Chlorobenzene	0.15	J	0.20	0.0081	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.52		0.50	0.14	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.84		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Cumene	0.42		0.20	0.016	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane	0.52		0.50	0.030	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.24		0.20	0.013	ppb v/v	1		TO-15	Total/NA
Freon 22	1.6		0.50	0.048	ppb v/v	1		TO-15	Total/NA
Freon TF	0.081	J	0.20	0.018	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	100	E	5.0	0.22	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	1.0		0.50	0.023	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	1.7		0.50	0.24	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.31	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
Naphthalene	0.21	J	0.50	0.20	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.16	J	0.20	0.034	ppb v/v	1		TO-15	Total/NA
Styrene	0.18	J	0.20	0.018	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.064	J	0.20	0.016	ppb v/v	1		TO-15	Total/NA
Toluene	1.2		0.20	0.017	ppb v/v	1		TO-15	Total/NA
Trichloroethene	2.6		0.20	0.024	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.23		0.20	0.030	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.10	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Xylene (total)	1.8		0.20	0.034	ppb v/v	1		TO-15	Total/NA
Xylene, o-	0.80		0.20	0.016	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	64		0.98	0.069	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	22		0.98	0.059	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	19		0.98	0.088	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	0.91	J	1.1	0.44	ug/m3	1		TO-15	Total/NA
Acetone	26		12	3.0	ug/m3	1		TO-15	Total/NA
Benzene	0.46	J	0.64	0.061	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.47	J	1.3	0.13	ug/m3	1		TO-15	Total/NA
Chlorobenzene	0.69	J	0.92	0.037	ug/m3	1		TO-15	Total/NA
Chloromethane	1.1		1.0	0.28	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	3.3		0.79	0.15	ug/m3	1		TO-15	Total/NA
Cumene	2.1		0.98	0.079	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.6		2.5	0.15	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.1		0.87	0.056	ug/m3	1		TO-15	Total/NA
Freon 22	5.8		1.8	0.17	ug/m3	1		TO-15	Total/NA
Freon TF	0.62	J	1.5	0.14	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	250	E	12	0.53	ug/m3	1		TO-15	Total/NA
m,p-Xylene	4.4		2.2	0.10	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	5.0		1.5	0.71	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.1	J	1.7	0.43	ug/m3	1		TO-15	Total/NA
Naphthalene	1.1	J	2.6	1.0	ug/m3	1		TO-15	Total/NA
n-Hexane	0.57	J	0.70	0.12	ug/m3	1		TO-15	Total/NA
Styrene	0.79	J	0.85	0.077	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.43	J	1.4	0.11	ug/m3	1		TO-15	Total/NA
Toluene	4.6		0.75	0.064	ug/m3	1		TO-15	Total/NA
Trichloroethene	14		1.1	0.13	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.3		1.1	0.17	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 2288-050214-0907 (Continued)

Lab Sample ID: 480-59199-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.27	J	0.51	0.097	ug/m3	1		TO-15	Total/NA
Xylene (total)	7.8		0.87	0.15	ug/m3	1		TO-15	Total/NA
Xylene, o-	3.5		0.87	0.069	ug/m3	1		TO-15	Total/NA

Client Sample ID: 2288-050214-0908

Lab Sample ID: 480-59199-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	15	J	17	1.8	ppb v/v	83.7		TO-15	Total/NA
Benzene	2.8	J	17	1.6	ppb v/v	83.7		TO-15	Total/NA
Chloroform	5.0	J	17	2.1	ppb v/v	83.7		TO-15	Total/NA
cis-1,2-Dichloroethene	22		17	3.2	ppb v/v	83.7		TO-15	Total/NA
Ethylbenzene	7.4	J	17	1.1	ppb v/v	83.7		TO-15	Total/NA
Freon TF	6.3	J	17	1.5	ppb v/v	83.7		TO-15	Total/NA
m,p-Xylene	4.8	J	42	1.9	ppb v/v	83.7		TO-15	Total/NA
Methyl Ethyl Ketone	160		42	20	ppb v/v	83.7		TO-15	Total/NA
Methylene Chloride	12	J	42	10	ppb v/v	83.7		TO-15	Total/NA
Styrene	170		17	1.5	ppb v/v	83.7		TO-15	Total/NA
Toluene	1.8	J	17	1.4	ppb v/v	83.7		TO-15	Total/NA
Trichloroethene	1800		17	2.0	ppb v/v	83.7		TO-15	Total/NA
Xylene (total)	7.8	J	17	2.8	ppb v/v	83.7		TO-15	Total/NA
Xylene, o-	3.0	J	17	1.3	ppb v/v	83.7		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	83	J	91	9.6	ug/m3	83.7		TO-15	Total/NA
Benzene	9.1	J	53	5.1	ug/m3	83.7		TO-15	Total/NA
Chloroform	24	J	82	10	ug/m3	83.7		TO-15	Total/NA
cis-1,2-Dichloroethene	87		66	13	ug/m3	83.7		TO-15	Total/NA
Ethylbenzene	32	J	73	4.7	ug/m3	83.7		TO-15	Total/NA
Freon TF	48	J	130	12	ug/m3	83.7		TO-15	Total/NA
m,p-Xylene	21	J	180	8.4	ug/m3	83.7		TO-15	Total/NA
Methyl Ethyl Ketone	460		120	60	ug/m3	83.7		TO-15	Total/NA
Methylene Chloride	42	J	150	36	ug/m3	83.7		TO-15	Total/NA
Styrene	740		71	6.4	ug/m3	83.7		TO-15	Total/NA
Toluene	6.6	J	63	5.4	ug/m3	83.7		TO-15	Total/NA
Trichloroethene	9600		90	11	ug/m3	83.7		TO-15	Total/NA
Xylene (total)	34	J	73	12	ug/m3	83.7		TO-15	Total/NA
Xylene, o-	13	J	73	5.8	ug/m3	83.7		TO-15	Total/NA

Client Sample ID: 2288-050214-0914

Lab Sample ID: 480-59199-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	1.7	J	2.5	0.30	ppb v/v	12.5		TO-15	Total/NA
1,2,4-Trimethylbenzene	19		2.5	0.18	ppb v/v	12.5		TO-15	Total/NA
1,2-Dichlorobenzene	1.2	J	2.5	0.18	ppb v/v	12.5		TO-15	Total/NA
1,3,5-Trimethylbenzene	8.2		2.5	0.15	ppb v/v	12.5		TO-15	Total/NA
1,4-Dioxane	5.8	J	63	2.5	ppb v/v	12.5		TO-15	Total/NA
4-Ethyltoluene	5.4		2.5	0.23	ppb v/v	12.5		TO-15	Total/NA
4-Isopropyltoluene	2.4	J	2.5	1.0	ppb v/v	12.5		TO-15	Total/NA
Acetone	88		63	16	ppb v/v	12.5		TO-15	Total/NA
Benzene	5.9		2.5	0.24	ppb v/v	12.5		TO-15	Total/NA
Carbon disulfide	3.1	J	6.3	0.83	ppb v/v	12.5		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 2288-050214-0914 (Continued)

Lab Sample ID: 480-59199-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroethane	12		6.3	0.38	ppb v/v	12.5		TO-15	Total/NA
cis-1,2-Dichloroethene	170		2.5	0.48	ppb v/v	12.5		TO-15	Total/NA
Cumene	18		2.5	0.20	ppb v/v	12.5		TO-15	Total/NA
Cyclohexane	4.6		2.5	0.31	ppb v/v	12.5		TO-15	Total/NA
Dichlorodifluoromethane	0.55	J	6.3	0.38	ppb v/v	12.5		TO-15	Total/NA
Ethylbenzene	150		2.5	0.16	ppb v/v	12.5		TO-15	Total/NA
Freon TF	5.4		2.5	0.23	ppb v/v	12.5		TO-15	Total/NA
Isopropyl alcohol	3.0	J	63	2.7	ppb v/v	12.5		TO-15	Total/NA
m,p-Xylene	67		6.3	0.29	ppb v/v	12.5		TO-15	Total/NA
Methyl Ethyl Ketone	2000	E	6.3	3.0	ppb v/v	12.5		TO-15	Total/NA
methyl isobutyl ketone	5.4	J	6.3	0.34	ppb v/v	12.5		TO-15	Total/NA
Methylene Chloride	18		6.3	1.6	ppb v/v	12.5		TO-15	Total/NA
n-Hexane	6.1		2.5	0.43	ppb v/v	12.5		TO-15	Total/NA
sec-Butylbenzene	4.5		2.5	1.0	ppb v/v	12.5		TO-15	Total/NA
Styrene	25		2.5	0.23	ppb v/v	12.5		TO-15	Total/NA
tert-Butyl alcohol	19	J	63	4.1	ppb v/v	12.5		TO-15	Total/NA
Tetrachloroethene	3.8		2.5	0.20	ppb v/v	12.5		TO-15	Total/NA
Toluene	10		2.5	0.21	ppb v/v	12.5		TO-15	Total/NA
trans-1,2-Dichloroethene	12		2.5	0.36	ppb v/v	12.5		TO-15	Total/NA
Trichloroethene	72		2.5	0.30	ppb v/v	12.5		TO-15	Total/NA
Vinyl chloride	45		2.5	0.48	ppb v/v	12.5		TO-15	Total/NA
Xylene (total)	98		2.5	0.43	ppb v/v	12.5		TO-15	Total/NA
Xylene, o-	31		2.5	0.20	ppb v/v	12.5		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	6.9	J	9.9	1.2	ug/m3	12.5		TO-15	Total/NA
1,2,4-Trimethylbenzene	95		12	0.86	ug/m3	12.5		TO-15	Total/NA
1,2-Dichlorobenzene	7.3	J	15	1.1	ug/m3	12.5		TO-15	Total/NA
1,3,5-Trimethylbenzene	40		12	0.74	ug/m3	12.5		TO-15	Total/NA
1,4-Dioxane	21	J	230	9.0	ug/m3	12.5		TO-15	Total/NA
4-Ethyltoluene	27		12	1.1	ug/m3	12.5		TO-15	Total/NA
4-Isopropyltoluene	13	J	14	5.5	ug/m3	12.5		TO-15	Total/NA
Acetone	210		150	37	ug/m3	12.5		TO-15	Total/NA
Benzene	19		8.0	0.76	ug/m3	12.5		TO-15	Total/NA
Carbon disulfide	9.8	J	19	2.6	ug/m3	12.5		TO-15	Total/NA
Chloroethane	31		16	0.99	ug/m3	12.5		TO-15	Total/NA
cis-1,2-Dichloroethene	660		9.9	1.9	ug/m3	12.5		TO-15	Total/NA
Cumene	86		12	0.98	ug/m3	12.5		TO-15	Total/NA
Cyclohexane	16		8.6	1.1	ug/m3	12.5		TO-15	Total/NA
Dichlorodifluoromethane	2.7	J	31	1.9	ug/m3	12.5		TO-15	Total/NA
Ethylbenzene	660		11	0.71	ug/m3	12.5		TO-15	Total/NA
Freon TF	41		19	1.7	ug/m3	12.5		TO-15	Total/NA
Isopropyl alcohol	7.3	J	150	6.6	ug/m3	12.5		TO-15	Total/NA
m,p-Xylene	290		27	1.2	ug/m3	12.5		TO-15	Total/NA
Methyl Ethyl Ketone	6000	E	18	8.9	ug/m3	12.5		TO-15	Total/NA
methyl isobutyl ketone	22	J	26	1.4	ug/m3	12.5		TO-15	Total/NA
Methylene Chloride	63		22	5.4	ug/m3	12.5		TO-15	Total/NA
n-Hexane	21		8.8	1.5	ug/m3	12.5		TO-15	Total/NA
sec-Butylbenzene	25		14	5.5	ug/m3	12.5		TO-15	Total/NA
Styrene	110		11	0.96	ug/m3	12.5		TO-15	Total/NA
tert-Butyl alcohol	57	J	190	12	ug/m3	12.5		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 2288-050214-0914 (Continued)

Lab Sample ID: 480-59199-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	26		17	1.4	ug/m3	12.5		TO-15	Total/NA
Toluene	39		9.4	0.80	ug/m3	12.5		TO-15	Total/NA
trans-1,2-Dichloroethene	47		9.9	1.4	ug/m3	12.5		TO-15	Total/NA
Trichloroethene	390		13	1.6	ug/m3	12.5		TO-15	Total/NA
Vinyl chloride	110		6.4	1.2	ug/m3	12.5		TO-15	Total/NA
Xylene (total)	430		11	1.8	ug/m3	12.5		TO-15	Total/NA
Xylene, o-	130		11	0.87	ug/m3	12.5		TO-15	Total/NA

Client Sample ID: 2288-050214-0916

Lab Sample ID: 480-59199-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	16		0.20	0.014	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	5.6		0.20	0.012	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	4.8		0.20	0.018	ppb v/v	1		TO-15	Total/NA
Acetone	8.4		5.0	1.3	ppb v/v	1		TO-15	Total/NA
Benzene	0.098	J	0.20	0.019	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.069	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Chlorobenzene	0.19	J	0.20	0.0081	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.51		0.50	0.14	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.27		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane	0.47	J	0.50	0.030	ppb v/v	1		TO-15	Total/NA
Freon 22	1.9		0.50	0.048	ppb v/v	1		TO-15	Total/NA
Freon TF	0.090	J	0.20	0.018	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	130	E	5.0	0.22	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.66		0.50	0.023	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	1.1		0.50	0.24	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.22	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
Styrene	0.10	J	0.20	0.018	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.021	J	0.20	0.016	ppb v/v	1		TO-15	Total/NA
Toluene	0.70		0.20	0.017	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.34		0.20	0.024	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.23		0.20	0.030	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.048	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Xylene (total)	1.5		0.20	0.034	ppb v/v	1		TO-15	Total/NA
Xylene, o-	0.83		0.20	0.016	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	79		0.98	0.069	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	27		0.98	0.059	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	24		0.98	0.088	ug/m3	1		TO-15	Total/NA
Acetone	20		12	3.0	ug/m3	1		TO-15	Total/NA
Benzene	0.31	J	0.64	0.061	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.43	J	1.3	0.13	ug/m3	1		TO-15	Total/NA
Chlorobenzene	0.86	J	0.92	0.037	ug/m3	1		TO-15	Total/NA
Chloromethane	1.1		1.0	0.28	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	1.1		0.79	0.15	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.3	J	2.5	0.15	ug/m3	1		TO-15	Total/NA
Freon 22	6.7		1.8	0.17	ug/m3	1		TO-15	Total/NA
Freon TF	0.69	J	1.5	0.14	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	310	E	12	0.53	ug/m3	1		TO-15	Total/NA
m,p-Xylene	2.8		2.2	0.10	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 2288-050214-0916 (Continued)

Lab Sample ID: 480-59199-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl Ethyl Ketone	3.2		1.5	0.71	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.75	J	1.7	0.43	ug/m3	1		TO-15	Total/NA
Styrene	0.44	J	0.85	0.077	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.14	J	1.4	0.11	ug/m3	1		TO-15	Total/NA
Toluene	2.6		0.75	0.064	ug/m3	1		TO-15	Total/NA
Trichloroethene	1.8		1.1	0.13	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.3		1.1	0.17	ug/m3	1		TO-15	Total/NA
Vinyl chloride	0.12	J	0.51	0.097	ug/m3	1		TO-15	Total/NA
Xylene (total)	6.5		0.87	0.15	ug/m3	1		TO-15	Total/NA
Xylene, o-	3.6		0.87	0.069	ug/m3	1		TO-15	Total/NA

Client Sample ID: 2288-050214-0920

Lab Sample ID: 480-59199-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	2500	J	5000	600	ppb v/v	25100		TO-15	Total/NA
cis-1,2-Dichloroethene	460000		5000	950	ppb v/v	25100		TO-15	Total/NA
n-Hexane	1800	J	5000	850	ppb v/v	25100		TO-15	Total/NA
trans-1,2-Dichloroethene	2100	J	5000	730	ppb v/v	25100		TO-15	Total/NA
Trichloroethene	3500	J	5000	600	ppb v/v	25100		TO-15	Total/NA
Vinyl chloride	170000		5000	950	ppb v/v	25100		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	9800	J	20000	2400	ug/m3	25100		TO-15	Total/NA
cis-1,2-Dichloroethene	1800000		20000	3800	ug/m3	25100		TO-15	Total/NA
n-Hexane	6300	J	18000	3000	ug/m3	25100		TO-15	Total/NA
trans-1,2-Dichloroethene	8400	J	20000	2900	ug/m3	25100		TO-15	Total/NA
Trichloroethene	19000	J	27000	3200	ug/m3	25100		TO-15	Total/NA
Vinyl chloride	430000		13000	2400	ug/m3	25100		TO-15	Total/NA

Client Sample ID: 2288-050214-0922

Lab Sample ID: 480-59199-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	20		0.20	0.014	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	7.0		0.20	0.012	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	6.1		0.20	0.018	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	0.19	J	0.20	0.080	ppb v/v	1		TO-15	Total/NA
Acetone	9.3		5.0	1.3	ppb v/v	1		TO-15	Total/NA
Benzene	0.11	J	0.20	0.019	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.069	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.47		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane	0.47	J	0.50	0.030	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.13	J	0.20	0.013	ppb v/v	1		TO-15	Total/NA
Freon 22	2.1		0.50	0.048	ppb v/v	1		TO-15	Total/NA
Freon TF	0.11	J	0.20	0.018	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	200	E	5.0	0.22	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.60		0.50	0.023	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	0.78		0.50	0.24	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.25	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.089	J	0.20	0.034	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.035	J	0.20	0.016	ppb v/v	1		TO-15	Total/NA
Toluene	0.71		0.20	0.017	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 2288-050214-0922 (Continued)

Lab Sample ID: 480-59199-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.60		0.20	0.024	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.22		0.20	0.030	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.16	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Xylene (total)	1.6		0.20	0.034	ppb v/v	1		TO-15	Total/NA
Xylene, o-	0.98		0.20	0.016	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	98		0.98	0.069	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	35		0.98	0.059	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	30		0.98	0.088	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	1.0	J	1.1	0.44	ug/m3	1		TO-15	Total/NA
Acetone	22		12	3.0	ug/m3	1		TO-15	Total/NA
Benzene	0.35	J	0.64	0.061	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.44	J	1.3	0.13	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	1.9		0.79	0.15	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.3	J	2.5	0.15	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.58	J	0.87	0.056	ug/m3	1		TO-15	Total/NA
Freon 22	7.3		1.8	0.17	ug/m3	1		TO-15	Total/NA
Freon TF	0.82	J	1.5	0.14	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	480	E	12	0.53	ug/m3	1		TO-15	Total/NA
m,p-Xylene	2.6		2.2	0.10	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	2.3		1.5	0.71	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.86	J	1.7	0.43	ug/m3	1		TO-15	Total/NA
n-Hexane	0.32	J	0.70	0.12	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.24	J	1.4	0.11	ug/m3	1		TO-15	Total/NA
Toluene	2.7		0.75	0.064	ug/m3	1		TO-15	Total/NA
Trichloroethene	3.2		1.1	0.13	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1	0.17	ug/m3	1		TO-15	Total/NA
Vinyl chloride	0.41	J	0.51	0.097	ug/m3	1		TO-15	Total/NA
Xylene (total)	6.9		0.87	0.15	ug/m3	1		TO-15	Total/NA
Xylene, o-	4.2		0.87	0.069	ug/m3	1		TO-15	Total/NA

Client Sample ID: 2288-050214-0950

Lab Sample ID: 480-59199-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	42	E	0.20	0.014	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	20		0.20	0.012	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	18		0.20	0.018	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	0.62		0.20	0.080	ppb v/v	1		TO-15	Total/NA
Acetone	1.6	J	5.0	1.3	ppb v/v	1		TO-15	Total/NA
Benzene	0.083	J	0.20	0.019	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.068	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Cumene	2.5		0.20	0.016	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane	0.44	J	0.50	0.030	ppb v/v	1		TO-15	Total/NA
Freon 22	0.57		0.50	0.048	ppb v/v	1		TO-15	Total/NA
Freon TF	0.063	J	0.20	0.018	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	21		5.0	0.22	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	1.4		0.50	0.023	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.099	J	0.20	0.046	ppb v/v	1		TO-15	Total/NA
Toluene	2.3		0.20	0.017	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.025	J	0.20	0.024	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 2288-050214-0950 (Continued)

Lab Sample ID: 480-59199-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichlorofluoromethane	0.22		0.20	0.030	ppb v/v	1		TO-15	Total/NA
Xylene (total)	5.4		0.20	0.034	ppb v/v	1		TO-15	Total/NA
Xylene, o-	4.0		0.20	0.016	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	210	E	0.98	0.069	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	99		0.98	0.059	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	87		0.98	0.088	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	3.4		1.1	0.44	ug/m3	1		TO-15	Total/NA
Acetone	3.9	J	12	3.0	ug/m3	1		TO-15	Total/NA
Benzene	0.26	J	0.64	0.061	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.43	J	1.3	0.13	ug/m3	1		TO-15	Total/NA
Cumene	12		0.98	0.079	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.2	J	2.5	0.15	ug/m3	1		TO-15	Total/NA
Freon 22	2.0		1.8	0.17	ug/m3	1		TO-15	Total/NA
Freon TF	0.48	J	1.5	0.14	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	52		12	0.53	ug/m3	1		TO-15	Total/NA
m,p-Xylene	6.1		2.2	0.10	ug/m3	1		TO-15	Total/NA
n-Heptane	0.40	J	0.82	0.19	ug/m3	1		TO-15	Total/NA
Toluene	8.6		0.75	0.064	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.13	J	1.1	0.13	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.3		1.1	0.17	ug/m3	1		TO-15	Total/NA
Xylene (total)	23		0.87	0.15	ug/m3	1		TO-15	Total/NA
Xylene, o-	17		0.87	0.069	ug/m3	1		TO-15	Total/NA

Client Sample ID: 2288-050214-1005

Lab Sample ID: 480-59199-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	8.6		0.20	0.014	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	3.2		0.20	0.012	ppb v/v	1		TO-15	Total/NA
1,4-Dichlorobenzene	0.034	J	0.20	0.014	ppb v/v	1		TO-15	Total/NA
1,4-Dioxane	2.8	J	5.0	0.20	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	3.0		0.20	0.018	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	0.10	J	0.20	0.080	ppb v/v	1		TO-15	Total/NA
Acetone	19		5.0	1.3	ppb v/v	1		TO-15	Total/NA
Benzene	0.17	J	0.20	0.019	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.069	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.84		0.50	0.14	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane	0.45	J	0.50	0.030	ppb v/v	1		TO-15	Total/NA
Freon 22	1.7		0.50	0.048	ppb v/v	1		TO-15	Total/NA
Freon TF	0.067	J	0.20	0.018	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	160	E	5.0	0.22	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.27	J	0.50	0.023	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	1.7		0.50	0.24	ppb v/v	1		TO-15	Total/NA
methyl isobutyl ketone	0.093	J	0.50	0.027	ppb v/v	1		TO-15	Total/NA
Tetrahydrofuran	0.70	J	5.0	0.046	ppb v/v	1		TO-15	Total/NA
Toluene	0.36		0.20	0.017	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.034	J	0.20	0.024	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.26		0.20	0.030	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.77		0.20	0.034	ppb v/v	1		TO-15	Total/NA
Xylene, o-	0.50		0.20	0.016	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 2288-050214-1005 (Continued)

Lab Sample ID: 480-59199-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	42		0.98	0.069	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	16		0.98	0.059	ug/m3	1		TO-15	Total/NA
1,4-Dichlorobenzene	0.20	J	1.2	0.084	ug/m3	1		TO-15	Total/NA
1,4-Dioxane	10	J	18	0.72	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	15		0.98	0.088	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	0.56	J	1.1	0.44	ug/m3	1		TO-15	Total/NA
Acetone	44		12	3.0	ug/m3	1		TO-15	Total/NA
Benzene	0.54	J	0.64	0.061	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.44	J	1.3	0.13	ug/m3	1		TO-15	Total/NA
Chloromethane	1.7		1.0	0.28	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.2	J	2.5	0.15	ug/m3	1		TO-15	Total/NA
Freon 22	5.9		1.8	0.17	ug/m3	1		TO-15	Total/NA
Freon TF	0.51	J	1.5	0.14	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	390	E	12	0.53	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.2	J	2.2	0.10	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	4.9		1.5	0.71	ug/m3	1		TO-15	Total/NA
methyl isobutyl ketone	0.38	J	2.0	0.11	ug/m3	1		TO-15	Total/NA
Tetrahydrofuran	2.1	J	15	0.14	ug/m3	1		TO-15	Total/NA
Toluene	1.3		0.75	0.064	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.18	J	1.1	0.13	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.5		1.1	0.17	ug/m3	1		TO-15	Total/NA
Xylene (total)	3.3		0.87	0.15	ug/m3	1		TO-15	Total/NA
Xylene, o-	2.2		0.87	0.069	ug/m3	1		TO-15	Total/NA

Client Sample ID: 2288-050214-1011

Lab Sample ID: 480-59199-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.53		0.20	0.014	ppb v/v	1		TO-15	Total/NA
1,2-Dichlorotetrafluoroethane	0.52		0.20	0.035	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.15	J	0.20	0.012	ppb v/v	1		TO-15	Total/NA
1,4-Dichlorobenzene	0.024	J	0.20	0.014	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.13	J	0.20	0.018	ppb v/v	1		TO-15	Total/NA
Acetone	12		5.0	1.3	ppb v/v	1		TO-15	Total/NA
Benzene	0.083	J	0.20	0.019	ppb v/v	1		TO-15	Total/NA
Bromodichloromethane	0.35		0.20	0.017	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	2.7		0.50	0.066	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.060	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Chloroform	1.8		0.20	0.025	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.25	J	0.50	0.14	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	9.4		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Dibromochloromethane	0.034	J	0.20	0.020	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane	0.73		0.50	0.030	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.047	J	0.20	0.013	ppb v/v	1		TO-15	Total/NA
Freon 22	0.55		0.50	0.048	ppb v/v	1		TO-15	Total/NA
Freon TF	5.8		0.20	0.018	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	1.6	J	5.0	0.22	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.27	J	0.50	0.023	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.35	J	0.50	0.20	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	1.2		0.50	0.24	ppb v/v	1		TO-15	Total/NA
methyl isobutyl ketone	0.20	J	0.50	0.027	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 2288-050214-1011 (Continued)

Lab Sample ID: 480-59199-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.19	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.11	J	0.20	0.046	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.14	J	0.20	0.034	ppb v/v	1		TO-15	Total/NA
Styrene	0.032	J	0.20	0.018	ppb v/v	1		TO-15	Total/NA
tert-Butyl alcohol	0.71	J	5.0	0.33	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.36		0.20	0.016	ppb v/v	1		TO-15	Total/NA
Toluene	0.22		0.20	0.017	ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.042	J	0.20	0.029	ppb v/v	1		TO-15	Total/NA
Trichloroethene	2.6		0.20	0.024	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.26		0.20	0.030	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	2.6		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.38		0.20	0.034	ppb v/v	1		TO-15	Total/NA
Xylene, o-	0.11	J	0.20	0.016	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	2.6		0.98	0.069	ug/m3	1		TO-15	Total/NA
1,2-Dichlorotetrafluoroethane	3.6		1.4	0.24	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.73	J	0.98	0.059	ug/m3	1		TO-15	Total/NA
1,4-Dichlorobenzene	0.14	J	1.2	0.084	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.63	J	0.98	0.088	ug/m3	1		TO-15	Total/NA
Acetone	28		12	3.0	ug/m3	1		TO-15	Total/NA
Benzene	0.26	J	0.64	0.061	ug/m3	1		TO-15	Total/NA
Bromodichloromethane	2.4		1.3	0.11	ug/m3	1		TO-15	Total/NA
Carbon disulfide	8.5		1.6	0.21	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.38	J	1.3	0.13	ug/m3	1		TO-15	Total/NA
Chloroform	8.9		0.98	0.12	ug/m3	1		TO-15	Total/NA
Chloromethane	0.51	J	1.0	0.28	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	37		0.79	0.15	ug/m3	1		TO-15	Total/NA
Dibromochloromethane	0.29	J	1.7	0.17	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	3.6		2.5	0.15	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.20	J	0.87	0.056	ug/m3	1		TO-15	Total/NA
Freon 22	1.9		1.8	0.17	ug/m3	1		TO-15	Total/NA
Freon TF	44		1.5	0.14	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	3.9	J	12	0.53	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.2	J	2.2	0.10	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	1.4	J	2.0	0.82	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	3.5		1.5	0.71	ug/m3	1		TO-15	Total/NA
methyl isobutyl ketone	0.82	J	2.0	0.11	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.66	J	1.7	0.43	ug/m3	1		TO-15	Total/NA
n-Heptane	0.46	J	0.82	0.19	ug/m3	1		TO-15	Total/NA
n-Hexane	0.50	J	0.70	0.12	ug/m3	1		TO-15	Total/NA
Styrene	0.14	J	0.85	0.077	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	2.1	J	15	0.99	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	2.5		1.4	0.11	ug/m3	1		TO-15	Total/NA
Toluene	0.84		0.75	0.064	ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.17	J	0.79	0.11	ug/m3	1		TO-15	Total/NA
Trichloroethene	14		1.1	0.13	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.17	ug/m3	1		TO-15	Total/NA
Vinyl chloride	6.6		0.51	0.097	ug/m3	1		TO-15	Total/NA
Xylene (total)	1.7		0.87	0.15	ug/m3	1		TO-15	Total/NA
Xylene, o-	0.48	J	0.87	0.069	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-1012

Lab Sample ID: 480-59199-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	44	E	0.20	0.014	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	18		0.20	0.012	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	14		0.20	0.018	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	0.54		0.20	0.080	ppb v/v	1		TO-15	Total/NA
Acetone	10		5.0	1.3	ppb v/v	1		TO-15	Total/NA
Benzene	0.13	J	0.20	0.019	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.075	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.52		0.50	0.14	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane	0.44	J	0.50	0.030	ppb v/v	1		TO-15	Total/NA
Freon 22	0.63		0.50	0.048	ppb v/v	1		TO-15	Total/NA
Freon TF	0.068	J	0.20	0.018	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	35		5.0	0.22	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	1.0		0.50	0.023	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	1.6		0.50	0.24	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.29	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
n-Butylbenzene	0.77		0.20	0.080	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.23		0.20	0.046	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.21		0.20	0.034	ppb v/v	1		TO-15	Total/NA
Tetrahydrofuran	0.77	J	5.0	0.046	ppb v/v	1		TO-15	Total/NA
Toluene	1.5		0.20	0.017	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.050	J	0.20	0.024	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.22		0.20	0.030	ppb v/v	1		TO-15	Total/NA
Xylene (total)	3.9		0.20	0.034	ppb v/v	1		TO-15	Total/NA
Xylene, o-	2.9		0.20	0.016	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	210	E	0.98	0.069	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	88		0.98	0.059	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	70		0.98	0.088	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	3.0		1.1	0.44	ug/m3	1		TO-15	Total/NA
Acetone	24		12	3.0	ug/m3	1		TO-15	Total/NA
Benzene	0.41	J	0.64	0.061	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.47	J	1.3	0.13	ug/m3	1		TO-15	Total/NA
Chloromethane	1.1		1.0	0.28	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.2	J	2.5	0.15	ug/m3	1		TO-15	Total/NA
Freon 22	2.2		1.8	0.17	ug/m3	1		TO-15	Total/NA
Freon TF	0.52	J	1.5	0.14	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	87		12	0.53	ug/m3	1		TO-15	Total/NA
m,p-Xylene	4.5		2.2	0.10	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	4.7		1.5	0.71	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.0	J	1.7	0.43	ug/m3	1		TO-15	Total/NA
n-Butylbenzene	4.2		1.1	0.44	ug/m3	1		TO-15	Total/NA
n-Heptane	0.93		0.82	0.19	ug/m3	1		TO-15	Total/NA
n-Hexane	0.73		0.70	0.12	ug/m3	1		TO-15	Total/NA
Tetrahydrofuran	2.3	J	15	0.14	ug/m3	1		TO-15	Total/NA
Toluene	5.5		0.75	0.064	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.27	J	1.1	0.13	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1	0.17	ug/m3	1		TO-15	Total/NA
Xylene (total)	17		0.87	0.15	ug/m3	1		TO-15	Total/NA
Xylene, o-	12		0.87	0.069	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-1020

Lab Sample ID: 480-59199-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	650	E	2.0	0.14	ppb v/v	10		TO-15	Total/NA
1,3,5-Trimethylbenzene	360		2.0	0.12	ppb v/v	10		TO-15	Total/NA
4-Ethyltoluene	200		2.0	0.18	ppb v/v	10		TO-15	Total/NA
4-Isopropyltoluene	59		2.0	0.80	ppb v/v	10		TO-15	Total/NA
Acetone	14	J	50	13	ppb v/v	10		TO-15	Total/NA
Carbon disulfide	1.1	J	5.0	0.66	ppb v/v	10		TO-15	Total/NA
Chlorobenzene	0.65	J	2.0	0.081	ppb v/v	10		TO-15	Total/NA
Chloroform	1.1	J	2.0	0.25	ppb v/v	10		TO-15	Total/NA
cis-1,2-Dichloroethene	1.8	J	2.0	0.38	ppb v/v	10		TO-15	Total/NA
Cumene	31		2.0	0.16	ppb v/v	10		TO-15	Total/NA
Cyclohexane	0.36	J	2.0	0.25	ppb v/v	10		TO-15	Total/NA
Dichlorodifluoromethane	0.53	J	5.0	0.30	ppb v/v	10		TO-15	Total/NA
Ethylbenzene	1.4	J	2.0	0.13	ppb v/v	10		TO-15	Total/NA
Freon TF	2.7		2.0	0.18	ppb v/v	10		TO-15	Total/NA
Isopropyl alcohol	3.5	J	50	2.2	ppb v/v	10		TO-15	Total/NA
m,p-Xylene	7.1		5.0	0.23	ppb v/v	10		TO-15	Total/NA
Methylene Chloride	3.6	J	5.0	1.3	ppb v/v	10		TO-15	Total/NA
n-Butylbenzene	53		2.0	0.80	ppb v/v	10		TO-15	Total/NA
n-Heptane	1.3	J	2.0	0.46	ppb v/v	10		TO-15	Total/NA
n-Hexane	1.1	J	2.0	0.34	ppb v/v	10		TO-15	Total/NA
sec-Butylbenzene	110		2.0	0.80	ppb v/v	10		TO-15	Total/NA
tert-Butyl alcohol	5.0	J	50	3.3	ppb v/v	10		TO-15	Total/NA
tert-Butylbenzene	8.5		2.0	0.17	ppb v/v	10		TO-15	Total/NA
Tetrachloroethene	3.5		2.0	0.16	ppb v/v	10		TO-15	Total/NA
Toluene	0.79	J	2.0	0.17	ppb v/v	10		TO-15	Total/NA
Trichloroethene	1.5	J	2.0	0.24	ppb v/v	10		TO-15	Total/NA
Vinyl chloride	0.43	J	2.0	0.38	ppb v/v	10		TO-15	Total/NA
Xylene (total)	19		2.0	0.34	ppb v/v	10		TO-15	Total/NA
Xylene, o-	12		2.0	0.16	ppb v/v	10		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	3200	E	9.8	0.69	ug/m3	10		TO-15	Total/NA
1,3,5-Trimethylbenzene	1800		9.8	0.59	ug/m3	10		TO-15	Total/NA
4-Ethyltoluene	1000		9.8	0.88	ug/m3	10		TO-15	Total/NA
4-Isopropyltoluene	330		11	4.4	ug/m3	10		TO-15	Total/NA
Acetone	34	J	120	30	ug/m3	10		TO-15	Total/NA
Carbon disulfide	3.5	J	16	2.1	ug/m3	10		TO-15	Total/NA
Chlorobenzene	3.0	J	9.2	0.37	ug/m3	10		TO-15	Total/NA
Chloroform	5.5	J	9.8	1.2	ug/m3	10		TO-15	Total/NA
cis-1,2-Dichloroethene	7.2	J	7.9	1.5	ug/m3	10		TO-15	Total/NA
Cumene	150		9.8	0.79	ug/m3	10		TO-15	Total/NA
Cyclohexane	1.2	J	6.9	0.86	ug/m3	10		TO-15	Total/NA
Dichlorodifluoromethane	2.6	J	25	1.5	ug/m3	10		TO-15	Total/NA
Ethylbenzene	6.2	J	8.7	0.56	ug/m3	10		TO-15	Total/NA
Freon TF	20		15	1.4	ug/m3	10		TO-15	Total/NA
Isopropyl alcohol	8.7	J	120	5.3	ug/m3	10		TO-15	Total/NA
m,p-Xylene	31		22	1.0	ug/m3	10		TO-15	Total/NA
Methylene Chloride	13	J	17	4.3	ug/m3	10		TO-15	Total/NA
n-Butylbenzene	290		11	4.4	ug/m3	10		TO-15	Total/NA
n-Heptane	5.5	J	8.2	1.9	ug/m3	10		TO-15	Total/NA
n-Hexane	3.8	J	7.0	1.2	ug/m3	10		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 2288-050214-1020 (Continued)

Lab Sample ID: 480-59199-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
sec-Butylbenzene	620		11	4.4	ug/m3	10		TO-15	Total/NA
tert-Butyl alcohol	15	J	150	9.9	ug/m3	10		TO-15	Total/NA
tert-Butylbenzene	46		11	0.93	ug/m3	10		TO-15	Total/NA
Tetrachloroethene	24		14	1.1	ug/m3	10		TO-15	Total/NA
Toluene	3.0	J	7.5	0.64	ug/m3	10		TO-15	Total/NA
Trichloroethene	8.3	J	11	1.3	ug/m3	10		TO-15	Total/NA
Vinyl chloride	1.1	J	5.1	0.97	ug/m3	10		TO-15	Total/NA
Xylene (total)	83		8.7	1.5	ug/m3	10		TO-15	Total/NA
Xylene, o-	51		8.7	0.69	ug/m3	10		TO-15	Total/NA

Client Sample ID: 2288-050214-1021

Lab Sample ID: 480-59199-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	29		0.20	0.014	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	11		0.20	0.012	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.099	J	0.20	0.042	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	9.7		0.20	0.018	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	0.29		0.20	0.080	ppb v/v	1		TO-15	Total/NA
Acetone	3.8	J	5.0	1.3	ppb v/v	1		TO-15	Total/NA
Benzene	0.18	J	0.20	0.019	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.069	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.53		0.50	0.14	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane	0.45	J	0.50	0.030	ppb v/v	1		TO-15	Total/NA
Freon 22	0.55		0.50	0.048	ppb v/v	1		TO-15	Total/NA
Freon TF	0.064	J	0.20	0.018	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	18		5.0	0.22	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.85		0.50	0.023	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.22	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.10	J	0.20	0.046	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.16	J	0.20	0.034	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.022	J	0.20	0.016	ppb v/v	1		TO-15	Total/NA
Toluene	0.94		0.20	0.017	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.041	J	0.20	0.024	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.20		0.20	0.030	ppb v/v	1		TO-15	Total/NA
Xylene (total)	2.5		0.20	0.034	ppb v/v	1		TO-15	Total/NA
Xylene, o-	1.6		0.20	0.016	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	140		0.98	0.069	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	53		0.98	0.059	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.22	J	0.44	0.093	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	48		0.98	0.088	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	1.6		1.1	0.44	ug/m3	1		TO-15	Total/NA
Acetone	9.0	J	12	3.0	ug/m3	1		TO-15	Total/NA
Benzene	0.56	J	0.64	0.061	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.44	J	1.3	0.13	ug/m3	1		TO-15	Total/NA
Chloromethane	1.1		1.0	0.28	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.2	J	2.5	0.15	ug/m3	1		TO-15	Total/NA
Freon 22	1.9		1.8	0.17	ug/m3	1		TO-15	Total/NA
Freon TF	0.49	J	1.5	0.14	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	45		12	0.53	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 2288-050214-1021 (Continued)

Lab Sample ID: 480-59199-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
m,p-Xylene	3.7		2.2	0.10	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.76	J	1.7	0.43	ug/m3	1		TO-15	Total/NA
n-Heptane	0.41	J	0.82	0.19	ug/m3	1		TO-15	Total/NA
n-Hexane	0.57	J	0.70	0.12	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.15	J	1.4	0.11	ug/m3	1		TO-15	Total/NA
Toluene	3.5		0.75	0.064	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.22	J	1.1	0.13	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		1.1	0.17	ug/m3	1		TO-15	Total/NA
Xylene (total)	11		0.87	0.15	ug/m3	1		TO-15	Total/NA
Xylene, o-	6.8		0.87	0.069	ug/m3	1		TO-15	Total/NA

Client Sample ID: 2288-050214-1030

Lab Sample ID: 480-59199-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.3		0.20	0.021	ppb v/v	1		TO-15	Total/NA
1,1-Dichloroethane	0.82		0.20	0.038	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	5.5		0.20	0.014	ppb v/v	1		TO-15	Total/NA
1,2-Dichlorotetrafluoroethane	0.53		0.20	0.035	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	3.6		0.20	0.012	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	1.3		0.20	0.018	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	0.22		0.20	0.080	ppb v/v	1		TO-15	Total/NA
Acetone	32		5.0	1.3	ppb v/v	1		TO-15	Total/NA
Benzene	3.1		0.20	0.019	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	5.5		0.50	0.066	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.050	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Chlorobenzene	0.033	J	0.20	0.0081	ppb v/v	1		TO-15	Total/NA
Chloroform	0.37		0.20	0.025	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.20	J	0.50	0.14	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	1.8		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Cumene	0.32		0.20	0.016	ppb v/v	1		TO-15	Total/NA
Cyclohexane	2.3		0.20	0.025	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane	0.55		0.50	0.030	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	1.2		0.20	0.013	ppb v/v	1		TO-15	Total/NA
Freon 22	0.70		0.50	0.048	ppb v/v	1		TO-15	Total/NA
Freon TF	6.5		0.20	0.018	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	2.8	J	5.0	0.22	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	12		0.50	0.023	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	1.3		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	6.5		0.50	0.24	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.56		0.50	0.13	ppb v/v	1		TO-15	Total/NA
Naphthalene	0.34	J	0.50	0.20	ppb v/v	1		TO-15	Total/NA
n-Heptane	7.1		0.20	0.046	ppb v/v	1		TO-15	Total/NA
n-Hexane	3.7		0.20	0.034	ppb v/v	1		TO-15	Total/NA
sec-Butylbenzene	0.31		0.20	0.080	ppb v/v	1		TO-15	Total/NA
Styrene	0.11	J	0.20	0.018	ppb v/v	1		TO-15	Total/NA
tert-Butyl alcohol	0.48	J	5.0	0.33	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	1.0		0.20	0.016	ppb v/v	1		TO-15	Total/NA
Toluene	34		0.20	0.017	ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.24		0.20	0.029	ppb v/v	1		TO-15	Total/NA
Trichloroethene	13		0.20	0.024	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 2288-050214-1030 (Continued)

Lab Sample ID: 480-59199-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichlorofluoromethane	0.24		0.20	0.030	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.20		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Xylene (total)	15		0.20	0.034	ppb v/v	1		TO-15	Total/NA
Xylene, o-	3.3		0.20	0.016	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	6.9		1.1	0.11	ug/m3	1		TO-15	Total/NA
1,1-Dichloroethane	3.3		0.81	0.15	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	27		0.98	0.069	ug/m3	1		TO-15	Total/NA
1,2-Dichlorotetrafluoroethane	3.7		1.4	0.24	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	18		0.98	0.059	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	6.4		0.98	0.088	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	1.2		1.1	0.44	ug/m3	1		TO-15	Total/NA
Acetone	77		12	3.0	ug/m3	1		TO-15	Total/NA
Benzene	10		0.64	0.061	ug/m3	1		TO-15	Total/NA
Carbon disulfide	17		1.6	0.21	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.31	J	1.3	0.13	ug/m3	1		TO-15	Total/NA
Chlorobenzene	0.15	J	0.92	0.037	ug/m3	1		TO-15	Total/NA
Chloroform	1.8		0.98	0.12	ug/m3	1		TO-15	Total/NA
Chloromethane	0.41	J	1.0	0.28	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	7.0		0.79	0.15	ug/m3	1		TO-15	Total/NA
Cumene	1.6		0.98	0.079	ug/m3	1		TO-15	Total/NA
Cyclohexane	7.8		0.69	0.086	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.7		2.5	0.15	ug/m3	1		TO-15	Total/NA
Ethylbenzene	5.0		0.87	0.056	ug/m3	1		TO-15	Total/NA
Freon 22	2.5		1.8	0.17	ug/m3	1		TO-15	Total/NA
Freon TF	50		1.5	0.14	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	7.0	J	12	0.53	ug/m3	1		TO-15	Total/NA
m,p-Xylene	52		2.2	0.10	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	5.4		2.0	0.82	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	19		1.5	0.71	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.9		1.7	0.43	ug/m3	1		TO-15	Total/NA
Naphthalene	1.8	J	2.6	1.0	ug/m3	1		TO-15	Total/NA
n-Heptane	29		0.82	0.19	ug/m3	1		TO-15	Total/NA
n-Hexane	13		0.70	0.12	ug/m3	1		TO-15	Total/NA
sec-Butylbenzene	1.7		1.1	0.44	ug/m3	1		TO-15	Total/NA
Styrene	0.45	J	0.85	0.077	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	1.5	J	15	0.99	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	6.9		1.4	0.11	ug/m3	1		TO-15	Total/NA
Toluene	130		0.75	0.064	ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.96		0.79	0.11	ug/m3	1		TO-15	Total/NA
Trichloroethene	72		1.1	0.13	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.17	ug/m3	1		TO-15	Total/NA
Vinyl chloride	0.51		0.51	0.097	ug/m3	1		TO-15	Total/NA
Xylene (total)	66		0.87	0.15	ug/m3	1		TO-15	Total/NA
Xylene, o-	14		0.87	0.069	ug/m3	1		TO-15	Total/NA

Client Sample ID: 2288-050214-1032

Lab Sample ID: 480-59199-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	13		0.20	0.014	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 2288-050214-1032 (Continued)

Lab Sample ID: 480-59199-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3,5-Trimethylbenzene	4.6		0.20	0.012	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.15	J	0.20	0.042	ppb v/v	1		TO-15	Total/NA
1,4-Dioxane	0.50	J	5.0	0.20	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	3.9		0.20	0.018	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	0.11	J	0.20	0.080	ppb v/v	1		TO-15	Total/NA
Acetone	3.1	J	5.0	1.3	ppb v/v	1		TO-15	Total/NA
Benzene	0.17	J	0.20	0.019	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.067	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.52		0.50	0.14	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane	0.44	J	0.50	0.030	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.93		0.20	0.013	ppb v/v	1		TO-15	Total/NA
Freon 22	0.51		0.50	0.048	ppb v/v	1		TO-15	Total/NA
Freon TF	0.062	J	0.20	0.018	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	7.3		5.0	0.22	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	3.8		0.50	0.023	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	0.56		0.50	0.24	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.21	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.10	J	0.20	0.046	ppb v/v	1		TO-15	Total/NA
Toluene	0.44		0.20	0.017	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.18	J	0.20	0.030	ppb v/v	1		TO-15	Total/NA
Xylene (total)	5.3		0.20	0.034	ppb v/v	1		TO-15	Total/NA
Xylene, o-	1.5		0.20	0.016	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	66		0.98	0.069	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	22		0.98	0.059	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.34	J	0.44	0.093	ug/m3	1		TO-15	Total/NA
1,4-Dioxane	1.8	J	18	0.72	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	19		0.98	0.088	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	0.63	J	1.1	0.44	ug/m3	1		TO-15	Total/NA
Acetone	7.4	J	12	3.0	ug/m3	1		TO-15	Total/NA
Benzene	0.55	J	0.64	0.061	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.42	J	1.3	0.13	ug/m3	1		TO-15	Total/NA
Chloromethane	1.1		1.0	0.28	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.2	J	2.5	0.15	ug/m3	1		TO-15	Total/NA
Ethylbenzene	4.0		0.87	0.056	ug/m3	1		TO-15	Total/NA
Freon 22	1.8		1.8	0.17	ug/m3	1		TO-15	Total/NA
Freon TF	0.48	J	1.5	0.14	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	18		12	0.53	ug/m3	1		TO-15	Total/NA
m,p-Xylene	17		2.2	0.10	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	1.7		1.5	0.71	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.74	J	1.7	0.43	ug/m3	1		TO-15	Total/NA
n-Heptane	0.42	J	0.82	0.19	ug/m3	1		TO-15	Total/NA
Toluene	1.7		0.75	0.064	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.0	J	1.1	0.17	ug/m3	1		TO-15	Total/NA
Xylene (total)	23		0.87	0.15	ug/m3	1		TO-15	Total/NA
Xylene, o-	6.7		0.87	0.069	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 2288-050214-0925
Date Collected: 05/02/14 17:41
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-1
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20	0.021	ppb v/v			05/08/14 17:25	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.016	ppb v/v			05/08/14 17:25	1
1,1,2-Trichloroethane	ND		0.20	0.017	ppb v/v			05/08/14 17:25	1
1,1-Dichloroethane	ND		0.20	0.038	ppb v/v			05/08/14 17:25	1
1,1-Dichloroethene	ND		0.20	0.024	ppb v/v			05/08/14 17:25	1
1,2,4-Trichlorobenzene	ND		0.50	0.027	ppb v/v			05/08/14 17:25	1
1,2,4-Trimethylbenzene	**1.9**		0.20	0.014	ppb v/v			05/08/14 17:25	1
1,2-Dibromoethane	ND		0.20	0.020	ppb v/v			05/08/14 17:25	1
1,2-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/08/14 17:25	1
1,2-Dichloroethane	ND		0.20	0.017	ppb v/v			05/08/14 17:25	1
1,2-Dichloropropane	ND		0.20	0.032	ppb v/v			05/08/14 17:25	1
1,2-Dichlorotetrafluoroethane	**0.46**		0.20	0.035	ppb v/v			05/08/14 17:25	1
1,3,5-Trimethylbenzene	**0.76**		0.20	0.012	ppb v/v			05/08/14 17:25	1
1,3-Butadiene	ND		0.20	0.042	ppb v/v			05/08/14 17:25	1
1,3-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/08/14 17:25	1
1,4-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/08/14 17:25	1
1,4-Dioxane	ND		5.0	0.20	ppb v/v			05/08/14 17:25	1
2,2,4-Trimethylpentane	ND		0.20	0.027	ppb v/v			05/08/14 17:25	1
2-Chlorotoluene	ND		0.20	0.013	ppb v/v			05/08/14 17:25	1
3-Chloropropene	ND		0.50	0.034	ppb v/v			05/08/14 17:25	1
4-Ethyltoluene	**0.50**		0.20	0.018	ppb v/v			05/08/14 17:25	1
4-Isopropyltoluene	ND		0.20	0.080	ppb v/v			05/08/14 17:25	1
Acetone	**2.4**	**J**	5.0	1.3	ppb v/v			05/08/14 17:25	1
Benzene	**0.24**		0.20	0.019	ppb v/v			05/08/14 17:25	1
Benzyl chloride	ND		0.20	0.080	ppb v/v			05/08/14 17:25	1
Bromodichloromethane	ND		0.20	0.017	ppb v/v			05/08/14 17:25	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.030	ppb v/v			05/08/14 17:25	1
Bromoform	**0.020**	**J**	0.20	0.010	ppb v/v			05/08/14 17:25	1
Bromomethane	ND		0.20	0.028	ppb v/v			05/08/14 17:25	1
Carbon disulfide	**1.9**		0.50	0.066	ppb v/v			05/08/14 17:25	1
Carbon tetrachloride	**0.080**	**J**	0.20	0.021	ppb v/v			05/08/14 17:25	1
Chlorobenzene	ND		0.20	0.0081	ppb v/v			05/08/14 17:25	1
Chloroethane	ND		0.50	0.030	ppb v/v			05/08/14 17:25	1
Chloroform	**0.24**		0.20	0.025	ppb v/v			05/08/14 17:25	1
Chloromethane	**0.23**	**J**	0.50	0.14	ppb v/v			05/08/14 17:25	1
cis-1,2-Dichloroethene	**0.32**		0.20	0.038	ppb v/v			05/08/14 17:25	1
cis-1,3-Dichloropropene	ND		0.20	0.028	ppb v/v			05/08/14 17:25	1
Cumene	ND		0.20	0.016	ppb v/v			05/08/14 17:25	1
Cyclohexane	**0.50**		0.20	0.025	ppb v/v			05/08/14 17:25	1
Dibromochloromethane	ND		0.20	0.020	ppb v/v			05/08/14 17:25	1
Dichlorodifluoromethane	**0.57**		0.50	0.030	ppb v/v			05/08/14 17:25	1
Ethylbenzene	**0.11**	**J**	0.20	0.013	ppb v/v			05/08/14 17:25	1
Freon 22	**0.47**	**J**	0.50	0.048	ppb v/v			05/08/14 17:25	1
Freon TF	**5.4**		0.20	0.018	ppb v/v			05/08/14 17:25	1
Hexachlorobutadiene	ND		0.20	0.022	ppb v/v			05/08/14 17:25	1
Isopropyl alcohol	**8.8**		5.0	0.22	ppb v/v			05/08/14 17:25	1
m,p-Xylene	**0.80**		0.50	0.023	ppb v/v			05/08/14 17:25	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.20	ppb v/v			05/08/14 17:25	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0925
Date Collected: 05/02/14 17:41
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-1
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone	**0.31**	**J**	0.50	0.24	ppb v/v			05/08/14 17:25	1
methyl isobutyl ketone	ND		0.50	0.027	ppb v/v			05/08/14 17:25	1
Methyl methacrylate	ND		0.50	0.030	ppb v/v			05/08/14 17:25	1
Methyl tert-butyl ether	ND		0.20	0.022	ppb v/v			05/08/14 17:25	1
Methylene Chloride	**0.29**	**J**	0.50	0.13	ppb v/v			05/08/14 17:25	1
Naphthalene	ND		0.50	0.20	ppb v/v			05/08/14 17:25	1
n-Butylbenzene	ND		0.20	0.080	ppb v/v			05/08/14 17:25	1
n-Heptane	**2.4**		0.20	0.046	ppb v/v			05/08/14 17:25	1
n-Hexane	**2.4**		0.20	0.034	ppb v/v			05/08/14 17:25	1
sec-Butylbenzene	ND		0.20	0.080	ppb v/v			05/08/14 17:25	1
Styrene	ND		0.20	0.018	ppb v/v			05/08/14 17:25	1
tert-Butyl alcohol	ND		5.0	0.33	ppb v/v			05/08/14 17:25	1
tert-Butylbenzene	ND		0.20	0.017	ppb v/v			05/08/14 17:25	1
Tetrachloroethene	**2.3**		0.20	0.016	ppb v/v			05/08/14 17:25	1
Tetrahydrofuran	ND		5.0	0.046	ppb v/v			05/08/14 17:25	1
Toluene	**0.57**		0.20	0.017	ppb v/v			05/08/14 17:25	1
trans-1,2-Dichloroethene	ND		0.20	0.029	ppb v/v			05/08/14 17:25	1
trans-1,3-Dichloropropene	ND		0.20	0.022	ppb v/v			05/08/14 17:25	1
Trichloroethene	**3.5**		0.20	0.024	ppb v/v			05/08/14 17:25	1
Trichlorofluoromethane	**0.25**		0.20	0.030	ppb v/v			05/08/14 17:25	1
Vinyl chloride	ND		0.20	0.038	ppb v/v			05/08/14 17:25	1
Xylene (total)	**1.1**		0.20	0.034	ppb v/v			05/08/14 17:25	1
Xylene, o-	**0.26**		0.20	0.016	ppb v/v			05/08/14 17:25	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	0.11	ug/m3			05/08/14 17:25	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.11	ug/m3			05/08/14 17:25	1
1,1,2-Trichloroethane	ND		1.1	0.093	ug/m3			05/08/14 17:25	1
1,1-Dichloroethane	ND		0.81	0.15	ug/m3			05/08/14 17:25	1
1,1-Dichloroethene	ND		0.79	0.095	ug/m3			05/08/14 17:25	1
1,2,4-Trichlorobenzene	ND		3.7	0.20	ug/m3			05/08/14 17:25	1
1,2,4-Trimethylbenzene	**9.2**		0.98	0.069	ug/m3			05/08/14 17:25	1
1,2-Dibromoethane	ND		1.5	0.15	ug/m3			05/08/14 17:25	1
1,2-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/08/14 17:25	1
1,2-Dichloroethane	ND		0.81	0.069	ug/m3			05/08/14 17:25	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			05/08/14 17:25	1
1,2-Dichlorotetrafluoroethane	**3.2**		1.4	0.24	ug/m3			05/08/14 17:25	1
1,3,5-Trimethylbenzene	**3.7**		0.98	0.059	ug/m3			05/08/14 17:25	1
1,3-Butadiene	ND		0.44	0.093	ug/m3			05/08/14 17:25	1
1,3-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/08/14 17:25	1
1,4-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/08/14 17:25	1
1,4-Dioxane	ND		18	0.72	ug/m3			05/08/14 17:25	1
2,2,4-Trimethylpentane	ND		0.93	0.13	ug/m3			05/08/14 17:25	1
2-Chlorotoluene	ND		1.0	0.067	ug/m3			05/08/14 17:25	1
3-Chloropropene	ND		1.6	0.11	ug/m3			05/08/14 17:25	1
4-Ethyltoluene	**2.5**		0.98	0.088	ug/m3			05/08/14 17:25	1
4-Isopropyltoluene	ND		1.1	0.44	ug/m3			05/08/14 17:25	1
Acetone	**5.8**	**J**	12	3.0	ug/m3			05/08/14 17:25	1
Benzene	**0.76**		0.64	0.061	ug/m3			05/08/14 17:25	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0925
Date Collected: 05/02/14 17:41
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-1
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		1.0	0.41	ug/m3			05/08/14 17:25	1
Bromodichloromethane	ND		1.3	0.11	ug/m3			05/08/14 17:25	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.13	ug/m3			05/08/14 17:25	1
Bromoform	**0.21**	**J**	2.1	0.10	ug/m3			05/08/14 17:25	1
Bromomethane	ND		0.78	0.11	ug/m3			05/08/14 17:25	1
Carbon disulfide	**6.0**		1.6	0.21	ug/m3			05/08/14 17:25	1
Carbon tetrachloride	**0.50**	**J**	1.3	0.13	ug/m3			05/08/14 17:25	1
Chlorobenzene	ND		0.92	0.037	ug/m3			05/08/14 17:25	1
Chloroethane	ND		1.3	0.079	ug/m3			05/08/14 17:25	1
Chloroform	**1.2**		0.98	0.12	ug/m3			05/08/14 17:25	1
Chloromethane	**0.47**	**J**	1.0	0.28	ug/m3			05/08/14 17:25	1
cis-1,2-Dichloroethene	**1.2**		0.79	0.15	ug/m3			05/08/14 17:25	1
cis-1,3-Dichloropropene	ND		0.91	0.13	ug/m3			05/08/14 17:25	1
Cumene	ND		0.98	0.079	ug/m3			05/08/14 17:25	1
Cyclohexane	**1.7**		0.69	0.086	ug/m3			05/08/14 17:25	1
Dibromochloromethane	ND		1.7	0.17	ug/m3			05/08/14 17:25	1
Dichlorodifluoromethane	**2.8**		2.5	0.15	ug/m3			05/08/14 17:25	1
Ethylbenzene	**0.48**	**J**	0.87	0.056	ug/m3			05/08/14 17:25	1
Freon 22	**1.6**	**J**	1.8	0.17	ug/m3			05/08/14 17:25	1
Freon TF	**42**		1.5	0.14	ug/m3			05/08/14 17:25	1
Hexachlorobutadiene	ND		2.1	0.23	ug/m3			05/08/14 17:25	1
Isopropyl alcohol	**22**		12	0.53	ug/m3			05/08/14 17:25	1
m,p-Xylene	**3.5**		2.2	0.10	ug/m3			05/08/14 17:25	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			05/08/14 17:25	1
Methyl Ethyl Ketone	**0.90**	**J**	1.5	0.71	ug/m3			05/08/14 17:25	1
methyl isobutyl ketone	ND		2.0	0.11	ug/m3			05/08/14 17:25	1
Methyl methacrylate	ND		2.0	0.12	ug/m3			05/08/14 17:25	1
Methyl tert-butyl ether	ND		0.72	0.079	ug/m3			05/08/14 17:25	1
Methylene Chloride	**1.0**	**J**	1.7	0.43	ug/m3			05/08/14 17:25	1
Naphthalene	ND		2.6	1.0	ug/m3			05/08/14 17:25	1
n-Butylbenzene	ND		1.1	0.44	ug/m3			05/08/14 17:25	1
n-Heptane	**9.6**		0.82	0.19	ug/m3			05/08/14 17:25	1
n-Hexane	**8.6**		0.70	0.12	ug/m3			05/08/14 17:25	1
sec-Butylbenzene	ND		1.1	0.44	ug/m3			05/08/14 17:25	1
Styrene	ND		0.85	0.077	ug/m3			05/08/14 17:25	1
tert-Butyl alcohol	ND		15	0.99	ug/m3			05/08/14 17:25	1
tert-Butylbenzene	ND		1.1	0.093	ug/m3			05/08/14 17:25	1
Tetrachloroethene	**15**		1.4	0.11	ug/m3			05/08/14 17:25	1
Tetrahydrofuran	ND		15	0.14	ug/m3			05/08/14 17:25	1
Toluene	**2.1**		0.75	0.064	ug/m3			05/08/14 17:25	1
trans-1,2-Dichloroethene	ND		0.79	0.11	ug/m3			05/08/14 17:25	1
trans-1,3-Dichloropropene	ND		0.91	0.10	ug/m3			05/08/14 17:25	1
Trichloroethene	**19**		1.1	0.13	ug/m3			05/08/14 17:25	1
Trichlorofluoromethane	**1.4**		1.1	0.17	ug/m3			05/08/14 17:25	1
Vinyl chloride	ND		0.51	0.097	ug/m3			05/08/14 17:25	1
Xylene (total)	**4.6**		0.87	0.15	ug/m3			05/08/14 17:25	1
Xylene, o-	**1.1**		0.87	0.069	ug/m3			05/08/14 17:25	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0927
Date Collected: 05/02/14 17:41
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-2
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20	0.021	ppb v/v			05/06/14 19:11	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.016	ppb v/v			05/06/14 19:11	1
1,1,2-Trichloroethane	ND		0.20	0.017	ppb v/v			05/06/14 19:11	1
1,1-Dichloroethane	ND		0.20	0.038	ppb v/v			05/06/14 19:11	1
1,1-Dichloroethene	ND		0.20	0.024	ppb v/v			05/06/14 19:11	1
1,2,4-Trichlorobenzene	ND		0.50	0.027	ppb v/v			05/06/14 19:11	1
1,2,4-Trimethylbenzene	**30**		0.20	0.014	ppb v/v			05/06/14 19:11	1
1,2-Dibromoethane	ND		0.20	0.020	ppb v/v			05/06/14 19:11	1
1,2-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/06/14 19:11	1
1,2-Dichloroethane	ND		0.20	0.017	ppb v/v			05/06/14 19:11	1
1,2-Dichloropropane	ND		0.20	0.032	ppb v/v			05/06/14 19:11	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.035	ppb v/v			05/06/14 19:11	1
1,3,5-Trimethylbenzene	**11**		0.20	0.012	ppb v/v			05/06/14 19:11	1
1,3-Butadiene	ND		0.20	0.042	ppb v/v			05/06/14 19:11	1
1,3-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/06/14 19:11	1
1,4-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/06/14 19:11	1
1,4-Dioxane	ND		5.0	0.20	ppb v/v			05/06/14 19:11	1
2,2,4-Trimethylpentane	ND		0.20	0.027	ppb v/v			05/06/14 19:11	1
2-Chlorotoluene	ND		0.20	0.013	ppb v/v			05/06/14 19:11	1
3-Chloropropene	ND		0.50	0.034	ppb v/v			05/06/14 19:11	1
4-Ethyltoluene	**10**		0.20	0.018	ppb v/v			05/06/14 19:11	1
4-Isopropyltoluene	**0.28**		0.20	0.080	ppb v/v			05/06/14 19:11	1
Acetone	**7.7**		5.0	1.3	ppb v/v			05/06/14 19:11	1
Benzene	**0.10**	**J**	0.20	0.019	ppb v/v			05/06/14 19:11	1
Benzyl chloride	ND		0.20	0.080	ppb v/v			05/06/14 19:11	1
Bromodichloromethane	ND		0.20	0.017	ppb v/v			05/06/14 19:11	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.030	ppb v/v			05/06/14 19:11	1
Bromoform	ND		0.20	0.010	ppb v/v			05/06/14 19:11	1
Bromomethane	ND		0.20	0.028	ppb v/v			05/06/14 19:11	1
Carbon disulfide	ND		0.50	0.066	ppb v/v			05/06/14 19:11	1
Carbon tetrachloride	**0.071**	**J**	0.20	0.021	ppb v/v			05/06/14 19:11	1
Chlorobenzene	**0.37**		0.20	0.0081	ppb v/v			05/06/14 19:11	1
Chloroethane	ND		0.50	0.030	ppb v/v			05/06/14 19:11	1
Chloroform	ND		0.20	0.025	ppb v/v			05/06/14 19:11	1
Chloromethane	**0.80**		0.50	0.14	ppb v/v			05/06/14 19:11	1
cis-1,2-Dichloroethene	**0.48**		0.20	0.038	ppb v/v			05/06/14 19:11	1
cis-1,3-Dichloropropene	ND		0.20	0.028	ppb v/v			05/06/14 19:11	1
Cumene	ND		0.20	0.016	ppb v/v			05/06/14 19:11	1
Cyclohexane	ND		0.20	0.025	ppb v/v			05/06/14 19:11	1
Dibromochloromethane	ND		0.20	0.020	ppb v/v			05/06/14 19:11	1
Dichlorodifluoromethane	**0.47**	**J**	0.50	0.030	ppb v/v			05/06/14 19:11	1
Ethylbenzene	ND		0.20	0.013	ppb v/v			05/06/14 19:11	1
Freon 22	**1.3**		0.50	0.048	ppb v/v			05/06/14 19:11	1
Freon TF	**0.082**	**J**	0.20	0.018	ppb v/v			05/06/14 19:11	1
Hexachlorobutadiene	ND		0.20	0.022	ppb v/v			05/06/14 19:11	1
Isopropyl alcohol	**160**	**E**	5.0	0.22	ppb v/v			05/06/14 19:11	1
m,p-Xylene	**0.68**		0.50	0.023	ppb v/v			05/06/14 19:11	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.20	ppb v/v			05/06/14 19:11	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0927
Date Collected: 05/02/14 17:41
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-2
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone	**0.72**		0.50	0.24	ppb v/v			05/06/14 19:11	1
methyl isobutyl ketone	ND		0.50	0.027	ppb v/v			05/06/14 19:11	1
Methyl methacrylate	ND		0.50	0.030	ppb v/v			05/06/14 19:11	1
Methyl tert-butyl ether	ND		0.20	0.022	ppb v/v			05/06/14 19:11	1
Methylene Chloride	**0.23**	**J**	0.50	0.13	ppb v/v			05/06/14 19:11	1
Naphthalene	ND		0.50	0.20	ppb v/v			05/06/14 19:11	1
n-Butylbenzene	ND		0.20	0.080	ppb v/v			05/06/14 19:11	1
n-Heptane	**0.21**		0.20	0.046	ppb v/v			05/06/14 19:11	1
n-Hexane	**0.26**		0.20	0.034	ppb v/v			05/06/14 19:11	1
sec-Butylbenzene	ND		0.20	0.080	ppb v/v			05/06/14 19:11	1
Styrene	**0.12**	**J**	0.20	0.018	ppb v/v			05/06/14 19:11	1
tert-Butyl alcohol	ND		5.0	0.33	ppb v/v			05/06/14 19:11	1
tert-Butylbenzene	ND		0.20	0.017	ppb v/v			05/06/14 19:11	1
Tetrachloroethene	**0.027**	**J**	0.20	0.016	ppb v/v			05/06/14 19:11	1
Tetrahydrofuran	ND		5.0	0.046	ppb v/v			05/06/14 19:11	1
Toluene	**0.97**		0.20	0.017	ppb v/v			05/06/14 19:11	1
trans-1,2-Dichloroethene	ND		0.20	0.029	ppb v/v			05/06/14 19:11	1
trans-1,3-Dichloropropene	ND		0.20	0.022	ppb v/v			05/06/14 19:11	1
Trichloroethene	**0.60**		0.20	0.024	ppb v/v			05/06/14 19:11	1
Trichlorofluoromethane	**0.25**		0.20	0.030	ppb v/v			05/06/14 19:11	1
Vinyl chloride	**0.19**	**J**	0.20	0.038	ppb v/v			05/06/14 19:11	1
Xylene (total)	**2.2**		0.20	0.034	ppb v/v			05/06/14 19:11	1
Xylene, o-	**1.5**		0.20	0.016	ppb v/v			05/06/14 19:11	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	0.11	ug/m3			05/06/14 19:11	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.11	ug/m3			05/06/14 19:11	1
1,1,2-Trichloroethane	ND		1.1	0.093	ug/m3			05/06/14 19:11	1
1,1-Dichloroethane	ND		0.81	0.15	ug/m3			05/06/14 19:11	1
1,1-Dichloroethene	ND		0.79	0.095	ug/m3			05/06/14 19:11	1
1,2,4-Trichlorobenzene	ND		3.7	0.20	ug/m3			05/06/14 19:11	1
1,2,4-Trimethylbenzene	**150**		0.98	0.069	ug/m3			05/06/14 19:11	1
1,2-Dibromoethane	ND		1.5	0.15	ug/m3			05/06/14 19:11	1
1,2-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/06/14 19:11	1
1,2-Dichloroethane	ND		0.81	0.069	ug/m3			05/06/14 19:11	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			05/06/14 19:11	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.24	ug/m3			05/06/14 19:11	1
1,3,5-Trimethylbenzene	**53**		0.98	0.059	ug/m3			05/06/14 19:11	1
1,3-Butadiene	ND		0.44	0.093	ug/m3			05/06/14 19:11	1
1,3-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/06/14 19:11	1
1,4-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/06/14 19:11	1
1,4-Dioxane	ND		18	0.72	ug/m3			05/06/14 19:11	1
2,2,4-Trimethylpentane	ND		0.93	0.13	ug/m3			05/06/14 19:11	1
2-Chlorotoluene	ND		1.0	0.067	ug/m3			05/06/14 19:11	1
3-Chloropropene	ND		1.6	0.11	ug/m3			05/06/14 19:11	1
4-Ethyltoluene	**49**		0.98	0.088	ug/m3			05/06/14 19:11	1
4-Isopropyltoluene	**1.6**		1.1	0.44	ug/m3			05/06/14 19:11	1
Acetone	**18**		12	3.0	ug/m3			05/06/14 19:11	1
Benzene	**0.33**	**J**	0.64	0.061	ug/m3			05/06/14 19:11	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0927
Date Collected: 05/02/14 17:41
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-2
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		1.0	0.41	ug/m3			05/06/14 19:11	1
Bromodichloromethane	ND		1.3	0.11	ug/m3			05/06/14 19:11	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.13	ug/m3			05/06/14 19:11	1
Bromoform	ND		2.1	0.10	ug/m3			05/06/14 19:11	1
Bromomethane	ND		0.78	0.11	ug/m3			05/06/14 19:11	1
Carbon disulfide	ND		1.6	0.21	ug/m3			05/06/14 19:11	1
Carbon tetrachloride	**0.45**	**J**	1.3	0.13	ug/m3			05/06/14 19:11	1
Chlorobenzene	**1.7**		0.92	0.037	ug/m3			05/06/14 19:11	1
Chloroethane	ND		1.3	0.079	ug/m3			05/06/14 19:11	1
Chloroform	ND		0.98	0.12	ug/m3			05/06/14 19:11	1
Chloromethane	**1.7**		1.0	0.28	ug/m3			05/06/14 19:11	1
cis-1,2-Dichloroethene	**1.9**		0.79	0.15	ug/m3			05/06/14 19:11	1
cis-1,3-Dichloropropene	ND		0.91	0.13	ug/m3			05/06/14 19:11	1
Cumene	ND		0.98	0.079	ug/m3			05/06/14 19:11	1
Cyclohexane	ND		0.69	0.086	ug/m3			05/06/14 19:11	1
Dibromochloromethane	ND		1.7	0.17	ug/m3			05/06/14 19:11	1
Dichlorodifluoromethane	**2.3**	**J**	2.5	0.15	ug/m3			05/06/14 19:11	1
Ethylbenzene	ND		0.87	0.056	ug/m3			05/06/14 19:11	1
Freon 22	**4.5**		1.8	0.17	ug/m3			05/06/14 19:11	1
Freon TF	**0.63**	**J**	1.5	0.14	ug/m3			05/06/14 19:11	1
Hexachlorobutadiene	ND		2.1	0.23	ug/m3			05/06/14 19:11	1
Isopropyl alcohol	**390**	**E**	12	0.53	ug/m3			05/06/14 19:11	1
m,p-Xylene	**3.0**		2.2	0.10	ug/m3			05/06/14 19:11	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			05/06/14 19:11	1
Methyl Ethyl Ketone	**2.1**		1.5	0.71	ug/m3			05/06/14 19:11	1
methyl isobutyl ketone	ND		2.0	0.11	ug/m3			05/06/14 19:11	1
Methyl methacrylate	ND		2.0	0.12	ug/m3			05/06/14 19:11	1
Methyl tert-butyl ether	ND		0.72	0.079	ug/m3			05/06/14 19:11	1
Methylene Chloride	**0.79**	**J**	1.7	0.43	ug/m3			05/06/14 19:11	1
Naphthalene	ND		2.6	1.0	ug/m3			05/06/14 19:11	1
n-Butylbenzene	ND		1.1	0.44	ug/m3			05/06/14 19:11	1
n-Heptane	**0.86**		0.82	0.19	ug/m3			05/06/14 19:11	1
n-Hexane	**0.93**		0.70	0.12	ug/m3			05/06/14 19:11	1
sec-Butylbenzene	ND		1.1	0.44	ug/m3			05/06/14 19:11	1
Styrene	**0.50**	**J**	0.85	0.077	ug/m3			05/06/14 19:11	1
tert-Butyl alcohol	ND		15	0.99	ug/m3			05/06/14 19:11	1
tert-Butylbenzene	ND		1.1	0.093	ug/m3			05/06/14 19:11	1
Tetrachloroethene	**0.19**	**J**	1.4	0.11	ug/m3			05/06/14 19:11	1
Tetrahydrofuran	ND		15	0.14	ug/m3			05/06/14 19:11	1
Toluene	**3.7**		0.75	0.064	ug/m3			05/06/14 19:11	1
trans-1,2-Dichloroethene	ND		0.79	0.11	ug/m3			05/06/14 19:11	1
trans-1,3-Dichloropropene	ND		0.91	0.10	ug/m3			05/06/14 19:11	1
Trichloroethene	**3.2**		1.1	0.13	ug/m3			05/06/14 19:11	1
Trichlorofluoromethane	**1.4**		1.1	0.17	ug/m3			05/06/14 19:11	1
Vinyl chloride	**0.48**	**J**	0.51	0.097	ug/m3			05/06/14 19:11	1
Xylene (total)	**9.5**		0.87	0.15	ug/m3			05/06/14 19:11	1
Xylene, o-	**6.3**		0.87	0.069	ug/m3			05/06/14 19:11	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0935
Date Collected: 05/02/14 17:39
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-3
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**1.3**	**J**	6.7	0.70	ppb v/v			05/08/14 18:17	33.4
1,1,2,2-Tetrachloroethane	ND		6.7	0.53	ppb v/v			05/08/14 18:17	33.4
1,1,2-Trichloroethane	ND		6.7	0.57	ppb v/v			05/08/14 18:17	33.4
1,1-Dichloroethane	ND		6.7	1.3	ppb v/v			05/08/14 18:17	33.4
1,1-Dichloroethene	ND		6.7	0.80	ppb v/v			05/08/14 18:17	33.4
1,2,4-Trichlorobenzene	ND		17	0.90	ppb v/v			05/08/14 18:17	33.4
1,2,4-Trimethylbenzene	**34**		6.7	0.47	ppb v/v			05/08/14 18:17	33.4
1,2-Dibromoethane	ND		6.7	0.67	ppb v/v			05/08/14 18:17	33.4
1,2-Dichlorobenzene	ND		6.7	0.47	ppb v/v			05/08/14 18:17	33.4
1,2-Dichloroethane	ND		6.7	0.57	ppb v/v			05/08/14 18:17	33.4
1,2-Dichloropropane	ND		6.7	1.1	ppb v/v			05/08/14 18:17	33.4
1,2-Dichlorotetrafluoroethane	ND		6.7	1.2	ppb v/v			05/08/14 18:17	33.4
1,3,5-Trimethylbenzene	**11**		6.7	0.40	ppb v/v			05/08/14 18:17	33.4
1,3-Butadiene	ND		6.7	1.4	ppb v/v			05/08/14 18:17	33.4
1,3-Dichlorobenzene	ND		6.7	0.47	ppb v/v			05/08/14 18:17	33.4
1,4-Dichlorobenzene	ND		6.7	0.47	ppb v/v			05/08/14 18:17	33.4
1,4-Dioxane	ND		170	6.7	ppb v/v			05/08/14 18:17	33.4
2,2,4-Trimethylpentane	ND		6.7	0.90	ppb v/v			05/08/14 18:17	33.4
2-Chlorotoluene	ND		6.7	0.43	ppb v/v			05/08/14 18:17	33.4
3-Chloropropene	ND		17	1.1	ppb v/v			05/08/14 18:17	33.4
4-Ethyltoluene	**11**		6.7	0.60	ppb v/v			05/08/14 18:17	33.4
4-Isopropyltoluene	ND		6.7	2.7	ppb v/v			05/08/14 18:17	33.4
Acetone	**130**	**J**	170	42	ppb v/v			05/08/14 18:17	33.4
Benzene	ND		6.7	0.63	ppb v/v			05/08/14 18:17	33.4
Benzyl chloride	ND		6.7	2.7	ppb v/v			05/08/14 18:17	33.4
Bromodichloromethane	ND		6.7	0.57	ppb v/v			05/08/14 18:17	33.4
Bromoethene(Vinyl Bromide)	ND		6.7	1.0	ppb v/v			05/08/14 18:17	33.4
Bromoform	ND		6.7	0.33	ppb v/v			05/08/14 18:17	33.4
Bromomethane	ND		6.7	0.94	ppb v/v			05/08/14 18:17	33.4
Carbon disulfide	**3.2**	**J**	17	2.2	ppb v/v			05/08/14 18:17	33.4
Carbon tetrachloride	ND		6.7	0.70	ppb v/v			05/08/14 18:17	33.4
Chlorobenzene	ND		6.7	0.27	ppb v/v			05/08/14 18:17	33.4
Chloroethane	ND		17	1.0	ppb v/v			05/08/14 18:17	33.4
Chloroform	**2.5**	**J**	6.7	0.84	ppb v/v			05/08/14 18:17	33.4
Chloromethane	ND		17	4.5	ppb v/v			05/08/14 18:17	33.4
cis-1,2-Dichloroethene	**5.0**	**J**	6.7	1.3	ppb v/v			05/08/14 18:17	33.4
cis-1,3-Dichloropropene	ND		6.7	0.94	ppb v/v			05/08/14 18:17	33.4
Cumene	ND		6.7	0.53	ppb v/v			05/08/14 18:17	33.4
Cyclohexane	ND		6.7	0.84	ppb v/v			05/08/14 18:17	33.4
Dibromochloromethane	ND		6.7	0.67	ppb v/v			05/08/14 18:17	33.4
Dichlorodifluoromethane	ND		17	1.0	ppb v/v			05/08/14 18:17	33.4
Ethylbenzene	ND		6.7	0.43	ppb v/v			05/08/14 18:17	33.4
Freon 22	ND		17	1.6	ppb v/v			05/08/14 18:17	33.4
Freon TF	**6.0**	**J**	6.7	0.60	ppb v/v			05/08/14 18:17	33.4
Hexachlorobutadiene	ND		6.7	0.73	ppb v/v			05/08/14 18:17	33.4
Isopropyl alcohol	**39**	**J**	170	7.2	ppb v/v			05/08/14 18:17	33.4
m,p-Xylene	**1.1**	**J**	17	0.77	ppb v/v			05/08/14 18:17	33.4
Methyl Butyl Ketone (2-Hexanone)	ND		17	6.7	ppb v/v			05/08/14 18:17	33.4

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0935
Lab Sample ID: 480-59199-3
Date Collected: 05/02/14 17:39
Matrix: Air
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone	ND		17	8.1	ppb v/v			05/08/14 18:17	33.4
methyl isobutyl ketone	ND		17	0.90	ppb v/v			05/08/14 18:17	33.4
Methyl methacrylate	ND		17	1.0	ppb v/v			05/08/14 18:17	33.4
Methyl tert-butyl ether	ND		6.7	0.73	ppb v/v			05/08/14 18:17	33.4
Methylene Chloride	ND		17	4.2	ppb v/v			05/08/14 18:17	33.4
Naphthalene	**86**		17	6.7	ppb v/v			05/08/14 18:17	33.4
n-Butylbenzene	ND		6.7	2.7	ppb v/v			05/08/14 18:17	33.4
n-Heptane	ND		6.7	1.5	ppb v/v			05/08/14 18:17	33.4
n-Hexane	ND		6.7	1.1	ppb v/v			05/08/14 18:17	33.4
sec-Butylbenzene	ND		6.7	2.7	ppb v/v			05/08/14 18:17	33.4
Styrene	ND		6.7	0.60	ppb v/v			05/08/14 18:17	33.4
tert-Butyl alcohol	ND		170	11	ppb v/v			05/08/14 18:17	33.4
tert-Butylbenzene	ND		6.7	0.57	ppb v/v			05/08/14 18:17	33.4
Tetrachloroethene	**3.6**	**J**	6.7	0.53	ppb v/v			05/08/14 18:17	33.4
Tetrahydrofuran	ND		170	1.5	ppb v/v			05/08/14 18:17	33.4
Toluene	**1.1**	**J**	6.7	0.57	ppb v/v			05/08/14 18:17	33.4
trans-1,2-Dichloroethene	**15**		6.7	0.97	ppb v/v			05/08/14 18:17	33.4
trans-1,3-Dichloropropene	ND		6.7	0.73	ppb v/v			05/08/14 18:17	33.4
Trichloroethene	**750**		6.7	0.80	ppb v/v			05/08/14 18:17	33.4
Trichlorofluoromethane	ND		6.7	1.0	ppb v/v			05/08/14 18:17	33.4
Vinyl chloride	ND		6.7	1.3	ppb v/v			05/08/14 18:17	33.4
Xylene (total)	**2.7**	**J**	6.7	1.1	ppb v/v			05/08/14 18:17	33.4
Xylene, o-	**1.6**	**J**	6.7	0.53	ppb v/v			05/08/14 18:17	33.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**7.3**	**J**	36	3.8	ug/m3			05/08/14 18:17	33.4
1,1,2,2-Tetrachloroethane	ND		46	3.7	ug/m3			05/08/14 18:17	33.4
1,1,2-Trichloroethane	ND		36	3.1	ug/m3			05/08/14 18:17	33.4
1,1-Dichloroethane	ND		27	5.1	ug/m3			05/08/14 18:17	33.4
1,1-Dichloroethene	ND		26	3.2	ug/m3			05/08/14 18:17	33.4
1,2,4-Trichlorobenzene	ND		120	6.7	ug/m3			05/08/14 18:17	33.4
1,2,4-Trimethylbenzene	**170**		33	2.3	ug/m3			05/08/14 18:17	33.4
1,2-Dibromoethane	ND		51	5.1	ug/m3			05/08/14 18:17	33.4
1,2-Dichlorobenzene	ND		40	2.8	ug/m3			05/08/14 18:17	33.4
1,2-Dichloroethane	ND		27	2.3	ug/m3			05/08/14 18:17	33.4
1,2-Dichloropropane	ND		31	4.9	ug/m3			05/08/14 18:17	33.4
1,2-Dichlorotetrafluoroethane	ND		47	8.2	ug/m3			05/08/14 18:17	33.4
1,3,5-Trimethylbenzene	**53**		33	2.0	ug/m3			05/08/14 18:17	33.4
1,3-Butadiene	ND		15	3.1	ug/m3			05/08/14 18:17	33.4
1,3-Dichlorobenzene	ND		40	2.8	ug/m3			05/08/14 18:17	33.4
1,4-Dichlorobenzene	ND		40	2.8	ug/m3			05/08/14 18:17	33.4
1,4-Dioxane	ND		600	24	ug/m3			05/08/14 18:17	33.4
2,2,4-Trimethylpentane	ND		31	4.2	ug/m3			05/08/14 18:17	33.4
2-Chlorotoluene	ND		35	2.2	ug/m3			05/08/14 18:17	33.4
3-Chloropropene	ND		52	3.6	ug/m3			05/08/14 18:17	33.4
4-Ethyltoluene	**54**		33	3.0	ug/m3			05/08/14 18:17	33.4
4-Isopropyltoluene	ND		37	15	ug/m3			05/08/14 18:17	33.4
Acetone	**310**	**J**	400	99	ug/m3			05/08/14 18:17	33.4
Benzene	ND		21	2.0	ug/m3			05/08/14 18:17	33.4

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0935
Lab Sample ID: 480-59199-3
Date Collected: 05/02/14 17:39
Matrix: Air
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		35	14	ug/m3			05/08/14 18:17	33.4
Bromodichloromethane	ND		45	3.8	ug/m3			05/08/14 18:17	33.4
Bromoethene(Vinyl Bromide)	ND		29	4.4	ug/m3			05/08/14 18:17	33.4
Bromoform	ND		69	3.5	ug/m3			05/08/14 18:17	33.4
Bromomethane	ND		26	3.6	ug/m3			05/08/14 18:17	33.4
Carbon disulfide	**10**	**J**	52	6.9	ug/m3			05/08/14 18:17	33.4
Carbon tetrachloride	ND		42	4.4	ug/m3			05/08/14 18:17	33.4
Chlorobenzene	ND		31	1.2	ug/m3			05/08/14 18:17	33.4
Chloroethane	ND		44	2.6	ug/m3			05/08/14 18:17	33.4
Chloroform	**12**	**J**	33	4.1	ug/m3			05/08/14 18:17	33.4
Chloromethane	ND		34	9.4	ug/m3			05/08/14 18:17	33.4
cis-1,2-Dichloroethene	**20**	**J**	26	5.0	ug/m3			05/08/14 18:17	33.4
cis-1,3-Dichloropropene	ND		30	4.2	ug/m3			05/08/14 18:17	33.4
Cumene	ND		33	2.6	ug/m3			05/08/14 18:17	33.4
Cyclohexane	ND		23	2.9	ug/m3			05/08/14 18:17	33.4
Dibromochloromethane	ND		57	5.7	ug/m3			05/08/14 18:17	33.4
Dichlorodifluoromethane	ND		83	5.0	ug/m3			05/08/14 18:17	33.4
Ethylbenzene	ND		29	1.9	ug/m3			05/08/14 18:17	33.4
Freon 22	ND		59	5.7	ug/m3			05/08/14 18:17	33.4
Freon TF	**46**	**J**	51	4.6	ug/m3			05/08/14 18:17	33.4
Hexachlorobutadiene	ND		71	7.8	ug/m3			05/08/14 18:17	33.4
Isopropyl alcohol	**97**	**J**	410	18	ug/m3			05/08/14 18:17	33.4
m,p-Xylene	**4.6**	**J**	73	3.3	ug/m3			05/08/14 18:17	33.4
Methyl Butyl Ketone (2-Hexanone)	ND		68	27	ug/m3			05/08/14 18:17	33.4
Methyl Ethyl Ketone	ND		49	24	ug/m3			05/08/14 18:17	33.4
methyl isobutyl ketone	ND		68	3.7	ug/m3			05/08/14 18:17	33.4
Methyl methacrylate	ND		68	4.1	ug/m3			05/08/14 18:17	33.4
Methyl tert-butyl ether	ND		24	2.6	ug/m3			05/08/14 18:17	33.4
Methylene Chloride	ND		58	15	ug/m3			05/08/14 18:17	33.4
Naphthalene	**450**		88	35	ug/m3			05/08/14 18:17	33.4
n-Butylbenzene	ND		37	15	ug/m3			05/08/14 18:17	33.4
n-Heptane	ND		27	6.3	ug/m3			05/08/14 18:17	33.4
n-Hexane	ND		24	4.0	ug/m3			05/08/14 18:17	33.4
sec-Butylbenzene	ND		37	15	ug/m3			05/08/14 18:17	33.4
Styrene	ND		28	2.6	ug/m3			05/08/14 18:17	33.4
tert-Butyl alcohol	ND		510	33	ug/m3			05/08/14 18:17	33.4
tert-Butylbenzene	ND		37	3.1	ug/m3			05/08/14 18:17	33.4
Tetrachloroethene	**24**	**J**	45	3.6	ug/m3			05/08/14 18:17	33.4
Tetrahydrofuran	ND		490	4.5	ug/m3			05/08/14 18:17	33.4
Toluene	**4.3**	**J**	25	2.1	ug/m3			05/08/14 18:17	33.4
trans-1,2-Dichloroethene	**58**		26	3.8	ug/m3			05/08/14 18:17	33.4
trans-1,3-Dichloropropene	ND		30	3.3	ug/m3			05/08/14 18:17	33.4
Trichloroethene	**4000**		36	4.3	ug/m3			05/08/14 18:17	33.4
Trichlorofluoromethane	ND		38	5.6	ug/m3			05/08/14 18:17	33.4
Vinyl chloride	ND		17	3.2	ug/m3			05/08/14 18:17	33.4
Xylene (total)	**12**	**J**	29	4.9	ug/m3			05/08/14 18:17	33.4
Xylene, o-	**7.0**	**J**	29	2.3	ug/m3			05/08/14 18:17	33.4

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0937
Date Collected: 05/02/14 17:39
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-4
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20	0.021	ppb v/v			05/06/14 20:03	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.016	ppb v/v			05/06/14 20:03	1
1,1,2-Trichloroethane	ND		0.20	0.017	ppb v/v			05/06/14 20:03	1
1,1-Dichloroethane	ND		0.20	0.038	ppb v/v			05/06/14 20:03	1
1,1-Dichloroethene	ND		0.20	0.024	ppb v/v			05/06/14 20:03	1
1,2,4-Trichlorobenzene	ND		0.50	0.027	ppb v/v			05/06/14 20:03	1
1,2,4-Trimethylbenzene	**0.68**		0.20	0.014	ppb v/v			05/06/14 20:03	1
1,2-Dibromoethane	ND		0.20	0.020	ppb v/v			05/06/14 20:03	1
1,2-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/06/14 20:03	1
1,2-Dichloroethane	ND		0.20	0.017	ppb v/v			05/06/14 20:03	1
1,2-Dichloropropane	ND		0.20	0.032	ppb v/v			05/06/14 20:03	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.035	ppb v/v			05/06/14 20:03	1
1,3,5-Trimethylbenzene	**0.37**		0.20	0.012	ppb v/v			05/06/14 20:03	1
1,3-Butadiene	ND		0.20	0.042	ppb v/v			05/06/14 20:03	1
1,3-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/06/14 20:03	1
1,4-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/06/14 20:03	1
1,4-Dioxane	ND		5.0	0.20	ppb v/v			05/06/14 20:03	1
2,2,4-Trimethylpentane	ND		0.20	0.027	ppb v/v			05/06/14 20:03	1
2-Chlorotoluene	ND		0.20	0.013	ppb v/v			05/06/14 20:03	1
3-Chloropropene	ND		0.50	0.034	ppb v/v			05/06/14 20:03	1
4-Ethyltoluene	**0.59**		0.20	0.018	ppb v/v			05/06/14 20:03	1
4-Isopropyltoluene	ND		0.20	0.080	ppb v/v			05/06/14 20:03	1
Acetone	**9.3**		5.0	1.3	ppb v/v			05/06/14 20:03	1
Benzene	**0.095**	**J**	0.20	0.019	ppb v/v			05/06/14 20:03	1
Benzyl chloride	ND		0.20	0.080	ppb v/v			05/06/14 20:03	1
Bromodichloromethane	ND		0.20	0.017	ppb v/v			05/06/14 20:03	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.030	ppb v/v			05/06/14 20:03	1
Bromoform	ND		0.20	0.010	ppb v/v			05/06/14 20:03	1
Bromomethane	ND		0.20	0.028	ppb v/v			05/06/14 20:03	1
Carbon disulfide	ND		0.50	0.066	ppb v/v			05/06/14 20:03	1
Carbon tetrachloride	**0.071**	**J**	0.20	0.021	ppb v/v			05/06/14 20:03	1
Chlorobenzene	**0.064**	**J**	0.20	0.0081	ppb v/v			05/06/14 20:03	1
Chloroethane	ND		0.50	0.030	ppb v/v			05/06/14 20:03	1
Chloroform	ND		0.20	0.025	ppb v/v			05/06/14 20:03	1
Chloromethane	**0.51**		0.50	0.14	ppb v/v			05/06/14 20:03	1
cis-1,2-Dichloroethene	**0.58**		0.20	0.038	ppb v/v			05/06/14 20:03	1
cis-1,3-Dichloropropene	ND		0.20	0.028	ppb v/v			05/06/14 20:03	1
Cumene	**0.12**	**J**	0.20	0.016	ppb v/v			05/06/14 20:03	1
Cyclohexane	ND		0.20	0.025	ppb v/v			05/06/14 20:03	1
Dibromochloromethane	ND		0.20	0.020	ppb v/v			05/06/14 20:03	1
Dichlorodifluoromethane	**0.48**	**J**	0.50	0.030	ppb v/v			05/06/14 20:03	1
Ethylbenzene	**0.093**	**J**	0.20	0.013	ppb v/v			05/06/14 20:03	1
Freon 22	**1.4**		0.50	0.048	ppb v/v			05/06/14 20:03	1
Freon TF	**0.084**	**J**	0.20	0.018	ppb v/v			05/06/14 20:03	1
Hexachlorobutadiene	ND		0.20	0.022	ppb v/v			05/06/14 20:03	1
Isopropyl alcohol	**190**	**E**	5.0	0.22	ppb v/v			05/06/14 20:03	1
m,p-Xylene	**0.23**	**J**	0.50	0.023	ppb v/v			05/06/14 20:03	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.20	ppb v/v			05/06/14 20:03	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0937
Date Collected: 05/02/14 17:39
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-4
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone	**1.0**		0.50	0.24	ppb v/v			05/06/14 20:03	1
methyl isobutyl ketone	**0.12**	**J**	0.50	0.027	ppb v/v			05/06/14 20:03	1
Methyl methacrylate	ND		0.50	0.030	ppb v/v			05/06/14 20:03	1
Methyl tert-butyl ether	ND		0.20	0.022	ppb v/v			05/06/14 20:03	1
Methylene Chloride	**0.21**	**J**	0.50	0.13	ppb v/v			05/06/14 20:03	1
Naphthalene	ND		0.50	0.20	ppb v/v			05/06/14 20:03	1
n-Butylbenzene	ND		0.20	0.080	ppb v/v			05/06/14 20:03	1
n-Heptane	ND		0.20	0.046	ppb v/v			05/06/14 20:03	1
n-Hexane	**0.085**	**J**	0.20	0.034	ppb v/v			05/06/14 20:03	1
sec-Butylbenzene	ND		0.20	0.080	ppb v/v			05/06/14 20:03	1
Styrene	ND		0.20	0.018	ppb v/v			05/06/14 20:03	1
tert-Butyl alcohol	ND		5.0	0.33	ppb v/v			05/06/14 20:03	1
tert-Butylbenzene	ND		0.20	0.017	ppb v/v			05/06/14 20:03	1
Tetrachloroethene	**0.061**	**J**	0.20	0.016	ppb v/v			05/06/14 20:03	1
Tetrahydrofuran	ND		5.0	0.046	ppb v/v			05/06/14 20:03	1
Toluene	**2.3**		0.20	0.017	ppb v/v			05/06/14 20:03	1
trans-1,2-Dichloroethene	ND		0.20	0.029	ppb v/v			05/06/14 20:03	1
trans-1,3-Dichloropropene	ND		0.20	0.022	ppb v/v			05/06/14 20:03	1
Trichloroethene	**0.98**		0.20	0.024	ppb v/v			05/06/14 20:03	1
Trichlorofluoromethane	**0.26**		0.20	0.030	ppb v/v			05/06/14 20:03	1
Vinyl chloride	**0.15**	**J**	0.20	0.038	ppb v/v			05/06/14 20:03	1
Xylene (total)	**0.39**		0.20	0.034	ppb v/v			05/06/14 20:03	1
Xylene, o-	**0.16**	**J**	0.20	0.016	ppb v/v			05/06/14 20:03	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	0.11	ug/m3			05/06/14 20:03	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.11	ug/m3			05/06/14 20:03	1
1,1,2-Trichloroethane	ND		1.1	0.093	ug/m3			05/06/14 20:03	1
1,1-Dichloroethane	ND		0.81	0.15	ug/m3			05/06/14 20:03	1
1,1-Dichloroethene	ND		0.79	0.095	ug/m3			05/06/14 20:03	1
1,2,4-Trichlorobenzene	ND		3.7	0.20	ug/m3			05/06/14 20:03	1
1,2,4-Trimethylbenzene	**3.3**		0.98	0.069	ug/m3			05/06/14 20:03	1
1,2-Dibromoethane	ND		1.5	0.15	ug/m3			05/06/14 20:03	1
1,2-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/06/14 20:03	1
1,2-Dichloroethane	ND		0.81	0.069	ug/m3			05/06/14 20:03	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			05/06/14 20:03	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.24	ug/m3			05/06/14 20:03	1
1,3,5-Trimethylbenzene	**1.8**		0.98	0.059	ug/m3			05/06/14 20:03	1
1,3-Butadiene	ND		0.44	0.093	ug/m3			05/06/14 20:03	1
1,3-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/06/14 20:03	1
1,4-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/06/14 20:03	1
1,4-Dioxane	ND		18	0.72	ug/m3			05/06/14 20:03	1
2,2,4-Trimethylpentane	ND		0.93	0.13	ug/m3			05/06/14 20:03	1
2-Chlorotoluene	ND		1.0	0.067	ug/m3			05/06/14 20:03	1
3-Chloropropene	ND		1.6	0.11	ug/m3			05/06/14 20:03	1
4-Ethyltoluene	**2.9**		0.98	0.088	ug/m3			05/06/14 20:03	1
4-Isopropyltoluene	ND		1.1	0.44	ug/m3			05/06/14 20:03	1
Acetone	**22**		12	3.0	ug/m3			05/06/14 20:03	1
Benzene	**0.30**	**J**	0.64	0.061	ug/m3			05/06/14 20:03	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0937
Lab Sample ID: 480-59199-4
Date Collected: 05/02/14 17:39
Matrix: Air
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		1.0	0.41	ug/m3			05/06/14 20:03	1
Bromodichloromethane	ND		1.3	0.11	ug/m3			05/06/14 20:03	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.13	ug/m3			05/06/14 20:03	1
Bromoform	ND		2.1	0.10	ug/m3			05/06/14 20:03	1
Bromomethane	ND		0.78	0.11	ug/m3			05/06/14 20:03	1
Carbon disulfide	ND		1.6	0.21	ug/m3			05/06/14 20:03	1
Carbon tetrachloride	**0.45**	**J**	1.3	0.13	ug/m3			05/06/14 20:03	1
Chlorobenzene	**0.29**	**J**	0.92	0.037	ug/m3			05/06/14 20:03	1
Chloroethane	ND		1.3	0.079	ug/m3			05/06/14 20:03	1
Chloroform	ND		0.98	0.12	ug/m3			05/06/14 20:03	1
Chloromethane	**1.1**		1.0	0.28	ug/m3			05/06/14 20:03	1
cis-1,2-Dichloroethene	**2.3**		0.79	0.15	ug/m3			05/06/14 20:03	1
cis-1,3-Dichloropropene	ND		0.91	0.13	ug/m3			05/06/14 20:03	1
Cumene	**0.57**	**J**	0.98	0.079	ug/m3			05/06/14 20:03	1
Cyclohexane	ND		0.69	0.086	ug/m3			05/06/14 20:03	1
Dibromochloromethane	ND		1.7	0.17	ug/m3			05/06/14 20:03	1
Dichlorodifluoromethane	**2.4**	**J**	2.5	0.15	ug/m3			05/06/14 20:03	1
Ethylbenzene	**0.40**	**J**	0.87	0.056	ug/m3			05/06/14 20:03	1
Freon 22	**4.8**		1.8	0.17	ug/m3			05/06/14 20:03	1
Freon TF	**0.64**	**J**	1.5	0.14	ug/m3			05/06/14 20:03	1
Hexachlorobutadiene	ND		2.1	0.23	ug/m3			05/06/14 20:03	1
Isopropyl alcohol	**470**	**E**	12	0.53	ug/m3			05/06/14 20:03	1
m,p-Xylene	**1.0**	**J**	2.2	0.10	ug/m3			05/06/14 20:03	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			05/06/14 20:03	1
Methyl Ethyl Ketone	**3.1**		1.5	0.71	ug/m3			05/06/14 20:03	1
methyl isobutyl ketone	**0.50**	**J**	2.0	0.11	ug/m3			05/06/14 20:03	1
Methyl methacrylate	ND		2.0	0.12	ug/m3			05/06/14 20:03	1
Methyl tert-butyl ether	ND		0.72	0.079	ug/m3			05/06/14 20:03	1
Methylene Chloride	**0.73**	**J**	1.7	0.43	ug/m3			05/06/14 20:03	1
Naphthalene	ND		2.6	1.0	ug/m3			05/06/14 20:03	1
n-Butylbenzene	ND		1.1	0.44	ug/m3			05/06/14 20:03	1
n-Heptane	ND		0.82	0.19	ug/m3			05/06/14 20:03	1
n-Hexane	**0.30**	**J**	0.70	0.12	ug/m3			05/06/14 20:03	1
sec-Butylbenzene	ND		1.1	0.44	ug/m3			05/06/14 20:03	1
Styrene	ND		0.85	0.077	ug/m3			05/06/14 20:03	1
tert-Butyl alcohol	ND		15	0.99	ug/m3			05/06/14 20:03	1
tert-Butylbenzene	ND		1.1	0.093	ug/m3			05/06/14 20:03	1
Tetrachloroethene	**0.41**	**J**	1.4	0.11	ug/m3			05/06/14 20:03	1
Tetrahydrofuran	ND		15	0.14	ug/m3			05/06/14 20:03	1
Toluene	**8.9**		0.75	0.064	ug/m3			05/06/14 20:03	1
trans-1,2-Dichloroethene	ND		0.79	0.11	ug/m3			05/06/14 20:03	1
trans-1,3-Dichloropropene	ND		0.91	0.10	ug/m3			05/06/14 20:03	1
Trichloroethene	**5.3**		1.1	0.13	ug/m3			05/06/14 20:03	1
Trichlorofluoromethane	**1.4**		1.1	0.17	ug/m3			05/06/14 20:03	1
Vinyl chloride	**0.38**	**J**	0.51	0.097	ug/m3			05/06/14 20:03	1
Xylene (total)	**1.7**		0.87	0.15	ug/m3			05/06/14 20:03	1
Xylene, o-	**0.70**	**J**	0.87	0.069	ug/m3			05/06/14 20:03	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0943
Lab Sample ID: 480-59199-5
Date Collected: 05/02/14 17:31
Matrix: Air
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20	0.021	ppb v/v			05/08/14 19:10	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.016	ppb v/v			05/08/14 19:10	1
1,1,2-Trichloroethane	ND		0.20	0.017	ppb v/v			05/08/14 19:10	1
1,1-Dichloroethane	ND		0.20	0.038	ppb v/v			05/08/14 19:10	1
1,1-Dichloroethene	ND		0.20	0.024	ppb v/v			05/08/14 19:10	1
1,2,4-Trichlorobenzene	ND		0.50	0.027	ppb v/v			05/08/14 19:10	1
1,2,4-Trimethylbenzene	**2.7**		0.20	0.014	ppb v/v			05/08/14 19:10	1
1,2-Dibromoethane	ND		0.20	0.020	ppb v/v			05/08/14 19:10	1
1,2-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/08/14 19:10	1
1,2-Dichloroethane	ND		0.20	0.017	ppb v/v			05/08/14 19:10	1
1,2-Dichloropropane	ND		0.20	0.032	ppb v/v			05/08/14 19:10	1
1,2-Dichlorotetrafluoroethane	**0.60**		0.20	0.035	ppb v/v			05/08/14 19:10	1
1,3,5-Trimethylbenzene	**1.2**		0.20	0.012	ppb v/v			05/08/14 19:10	1
1,3-Butadiene	ND		0.20	0.042	ppb v/v			05/08/14 19:10	1
1,3-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/08/14 19:10	1
1,4-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/08/14 19:10	1
1,4-Dioxane	**1.8**	**J**	5.0	0.20	ppb v/v			05/08/14 19:10	1
2,2,4-Trimethylpentane	ND		0.20	0.027	ppb v/v			05/08/14 19:10	1
2-Chlorotoluene	ND		0.20	0.013	ppb v/v			05/08/14 19:10	1
3-Chloropropene	ND		0.50	0.034	ppb v/v			05/08/14 19:10	1
4-Ethyltoluene	**0.49**		0.20	0.018	ppb v/v			05/08/14 19:10	1
4-Isopropyltoluene	ND		0.20	0.080	ppb v/v			05/08/14 19:10	1
Acetone	**29**		5.0	1.3	ppb v/v			05/08/14 19:10	1
Benzene	**1.0**		0.20	0.019	ppb v/v			05/08/14 19:10	1
Benzyl chloride	ND		0.20	0.080	ppb v/v			05/08/14 19:10	1
Bromodichloromethane	**5.1**		0.20	0.017	ppb v/v			05/08/14 19:10	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.030	ppb v/v			05/08/14 19:10	1
Bromoform	ND		0.20	0.010	ppb v/v			05/08/14 19:10	1
Bromomethane	ND		0.20	0.028	ppb v/v			05/08/14 19:10	1
Carbon disulfide	**2.1**		0.50	0.066	ppb v/v			05/08/14 19:10	1
Carbon tetrachloride	**0.18**	**J**	0.20	0.021	ppb v/v			05/08/14 19:10	1
Chlorobenzene	ND		0.20	0.0081	ppb v/v			05/08/14 19:10	1
Chloroethane	**0.077**	**J**	0.50	0.030	ppb v/v			05/08/14 19:10	1
Chloroform	**140**	**E**	0.20	0.025	ppb v/v			05/08/14 19:10	1
Chloromethane	**0.28**	**J**	0.50	0.14	ppb v/v			05/08/14 19:10	1
cis-1,2-Dichloroethene	**0.91**		0.20	0.038	ppb v/v			05/08/14 19:10	1
cis-1,3-Dichloropropene	ND		0.20	0.028	ppb v/v			05/08/14 19:10	1
Cumene	ND		0.20	0.016	ppb v/v			05/08/14 19:10	1
Cyclohexane	**2.0**		0.20	0.025	ppb v/v			05/08/14 19:10	1
Dibromochloromethane	**0.16**	**J**	0.20	0.020	ppb v/v			05/08/14 19:10	1
Dichlorodifluoromethane	**0.56**		0.50	0.030	ppb v/v			05/08/14 19:10	1
Ethylbenzene	**0.56**		0.20	0.013	ppb v/v			05/08/14 19:10	1
Freon 22	**0.77**		0.50	0.048	ppb v/v			05/08/14 19:10	1
Freon TF	**6.6**		0.20	0.018	ppb v/v			05/08/14 19:10	1
Hexachlorobutadiene	ND		0.20	0.022	ppb v/v			05/08/14 19:10	1
Isopropyl alcohol	**7.7**		5.0	0.22	ppb v/v			05/08/14 19:10	1
m,p-Xylene	**4.8**		0.50	0.023	ppb v/v			05/08/14 19:10	1
Methyl Butyl Ketone (2-Hexanone)	**0.98**		0.50	0.20	ppb v/v			05/08/14 19:10	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0943
Lab Sample ID: 480-59199-5
Date Collected: 05/02/14 17:31
Matrix: Air
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone	**3.1**		0.50	0.24	ppb v/v			05/08/14 19:10	1
methyl isobutyl ketone	ND		0.50	0.027	ppb v/v			05/08/14 19:10	1
Methyl methacrylate	ND		0.50	0.030	ppb v/v			05/08/14 19:10	1
Methyl tert-butyl ether	ND		0.20	0.022	ppb v/v			05/08/14 19:10	1
Methylene Chloride	**4.3**		0.50	0.13	ppb v/v			05/08/14 19:10	1
Naphthalene	ND		0.50	0.20	ppb v/v			05/08/14 19:10	1
n-Butylbenzene	ND		0.20	0.080	ppb v/v			05/08/14 19:10	1
n-Heptane	**2.9**		0.20	0.046	ppb v/v			05/08/14 19:10	1
n-Hexane	**3.6**		0.20	0.034	ppb v/v			05/08/14 19:10	1
sec-Butylbenzene	ND		0.20	0.080	ppb v/v			05/08/14 19:10	1
Styrene	**0.028**	**J**	0.20	0.018	ppb v/v			05/08/14 19:10	1
tert-Butyl alcohol	**0.68**	**J**	5.0	0.33	ppb v/v			05/08/14 19:10	1
tert-Butylbenzene	ND		0.20	0.017	ppb v/v			05/08/14 19:10	1
Tetrachloroethene	**0.25**		0.20	0.016	ppb v/v			05/08/14 19:10	1
Tetrahydrofuran	ND		5.0	0.046	ppb v/v			05/08/14 19:10	1
Toluene	**3.5**		0.20	0.017	ppb v/v			05/08/14 19:10	1
trans-1,2-Dichloroethene	ND		0.20	0.029	ppb v/v			05/08/14 19:10	1
trans-1,3-Dichloropropene	ND		0.20	0.022	ppb v/v			05/08/14 19:10	1
Trichloroethene	**0.33**		0.20	0.024	ppb v/v			05/08/14 19:10	1
Trichlorofluoromethane	**0.28**		0.20	0.030	ppb v/v			05/08/14 19:10	1
Vinyl chloride	ND		0.20	0.038	ppb v/v			05/08/14 19:10	1
Xylene (total)	**6.2**		0.20	0.034	ppb v/v			05/08/14 19:10	1
Xylene, o-	**1.4**		0.20	0.016	ppb v/v			05/08/14 19:10	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	0.11	ug/m3			05/08/14 19:10	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.11	ug/m3			05/08/14 19:10	1
1,1,2-Trichloroethane	ND		1.1	0.093	ug/m3			05/08/14 19:10	1
1,1-Dichloroethane	ND		0.81	0.15	ug/m3			05/08/14 19:10	1
1,1-Dichloroethene	ND		0.79	0.095	ug/m3			05/08/14 19:10	1
1,2,4-Trichlorobenzene	ND		3.7	0.20	ug/m3			05/08/14 19:10	1
1,2,4-Trimethylbenzene	**13**		0.98	0.069	ug/m3			05/08/14 19:10	1
1,2-Dibromoethane	ND		1.5	0.15	ug/m3			05/08/14 19:10	1
1,2-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/08/14 19:10	1
1,2-Dichloroethane	ND		0.81	0.069	ug/m3			05/08/14 19:10	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			05/08/14 19:10	1
1,2-Dichlorotetrafluoroethane	**4.2**		1.4	0.24	ug/m3			05/08/14 19:10	1
1,3,5-Trimethylbenzene	**6.0**		0.98	0.059	ug/m3			05/08/14 19:10	1
1,3-Butadiene	ND		0.44	0.093	ug/m3			05/08/14 19:10	1
1,3-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/08/14 19:10	1
1,4-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/08/14 19:10	1
1,4-Dioxane	**6.4**	**J**	18	0.72	ug/m3			05/08/14 19:10	1
2,2,4-Trimethylpentane	ND		0.93	0.13	ug/m3			05/08/14 19:10	1
2-Chlorotoluene	ND		1.0	0.067	ug/m3			05/08/14 19:10	1
3-Chloropropene	ND		1.6	0.11	ug/m3			05/08/14 19:10	1
4-Ethyltoluene	**2.4**		0.98	0.088	ug/m3			05/08/14 19:10	1
4-Isopropyltoluene	ND		1.1	0.44	ug/m3			05/08/14 19:10	1
Acetone	**69**		12	3.0	ug/m3			05/08/14 19:10	1
Benzene	**3.2**		0.64	0.061	ug/m3			05/08/14 19:10	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0943
Lab Sample ID: 480-59199-5
Date Collected: 05/02/14 17:31
Matrix: Air
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		1.0	0.41	ug/m3			05/08/14 19:10	1
Bromodichloromethane	**34**		1.3	0.11	ug/m3			05/08/14 19:10	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.13	ug/m3			05/08/14 19:10	1
Bromoform	ND		2.1	0.10	ug/m3			05/08/14 19:10	1
Bromomethane	ND		0.78	0.11	ug/m3			05/08/14 19:10	1
Carbon disulfide	**6.5**		1.6	0.21	ug/m3			05/08/14 19:10	1
Carbon tetrachloride	**1.1**	**J**	1.3	0.13	ug/m3			05/08/14 19:10	1
Chlorobenzene	ND		0.92	0.037	ug/m3			05/08/14 19:10	1
Chloroethane	**0.20**	**J**	1.3	0.079	ug/m3			05/08/14 19:10	1
Chloroform	**660**	**E**	0.98	0.12	ug/m3			05/08/14 19:10	1
Chloromethane	**0.57**	**J**	1.0	0.28	ug/m3			05/08/14 19:10	1
cis-1,2-Dichloroethene	**3.6**		0.79	0.15	ug/m3			05/08/14 19:10	1
cis-1,3-Dichloropropene	ND		0.91	0.13	ug/m3			05/08/14 19:10	1
Cumene	ND		0.98	0.079	ug/m3			05/08/14 19:10	1
Cyclohexane	**6.8**		0.69	0.086	ug/m3			05/08/14 19:10	1
Dibromochloromethane	**1.4**	**J**	1.7	0.17	ug/m3			05/08/14 19:10	1
Dichlorodifluoromethane	**2.8**		2.5	0.15	ug/m3			05/08/14 19:10	1
Ethylbenzene	**2.4**		0.87	0.056	ug/m3			05/08/14 19:10	1
Freon 22	**2.7**		1.8	0.17	ug/m3			05/08/14 19:10	1
Freon TF	**51**		1.5	0.14	ug/m3			05/08/14 19:10	1
Hexachlorobutadiene	ND		2.1	0.23	ug/m3			05/08/14 19:10	1
Isopropyl alcohol	**19**		12	0.53	ug/m3			05/08/14 19:10	1
m,p-Xylene	**21**		2.2	0.10	ug/m3			05/08/14 19:10	1
Methyl Butyl Ketone (2-Hexanone)	**4.0**		2.0	0.82	ug/m3			05/08/14 19:10	1
Methyl Ethyl Ketone	**9.2**		1.5	0.71	ug/m3			05/08/14 19:10	1
methyl isobutyl ketone	ND		2.0	0.11	ug/m3			05/08/14 19:10	1
Methyl methacrylate	ND		2.0	0.12	ug/m3			05/08/14 19:10	1
Methyl tert-butyl ether	ND		0.72	0.079	ug/m3			05/08/14 19:10	1
Methylene Chloride	**15**		1.7	0.43	ug/m3			05/08/14 19:10	1
Naphthalene	ND		2.6	1.0	ug/m3			05/08/14 19:10	1
n-Butylbenzene	ND		1.1	0.44	ug/m3			05/08/14 19:10	1
n-Heptane	**12**		0.82	0.19	ug/m3			05/08/14 19:10	1
n-Hexane	**13**		0.70	0.12	ug/m3			05/08/14 19:10	1
sec-Butylbenzene	ND		1.1	0.44	ug/m3			05/08/14 19:10	1
Styrene	**0.12**	**J**	0.85	0.077	ug/m3			05/08/14 19:10	1
tert-Butyl alcohol	**2.1**	**J**	15	0.99	ug/m3			05/08/14 19:10	1
tert-Butylbenzene	ND		1.1	0.093	ug/m3			05/08/14 19:10	1
Tetrachloroethene	**1.7**		1.4	0.11	ug/m3			05/08/14 19:10	1
Tetrahydrofuran	ND		15	0.14	ug/m3			05/08/14 19:10	1
Toluene	**13**		0.75	0.064	ug/m3			05/08/14 19:10	1
trans-1,2-Dichloroethene	ND		0.79	0.11	ug/m3			05/08/14 19:10	1
trans-1,3-Dichloropropene	ND		0.91	0.10	ug/m3			05/08/14 19:10	1
Trichloroethene	**1.8**		1.1	0.13	ug/m3			05/08/14 19:10	1
Trichlorofluoromethane	**1.5**		1.1	0.17	ug/m3			05/08/14 19:10	1
Vinyl chloride	ND		0.51	0.097	ug/m3			05/08/14 19:10	1
Xylene (total)	**27**		0.87	0.15	ug/m3			05/08/14 19:10	1
Xylene, o-	**5.9**		0.87	0.069	ug/m3			05/08/14 19:10	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0945
Date Collected: 05/02/14 17:10
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-6
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20	0.021	ppb v/v			05/06/14 20:55	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.016	ppb v/v			05/06/14 20:55	1
1,1,2-Trichloroethane	ND		0.20	0.017	ppb v/v			05/06/14 20:55	1
1,1-Dichloroethane	ND		0.20	0.038	ppb v/v			05/06/14 20:55	1
1,1-Dichloroethene	ND		0.20	0.024	ppb v/v			05/06/14 20:55	1
1,2,4-Trichlorobenzene	ND		0.50	0.027	ppb v/v			05/06/14 20:55	1
1,2,4-Trimethylbenzene	**58**	**E**	0.20	0.014	ppb v/v			05/06/14 20:55	1
1,2-Dibromoethane	ND		0.20	0.020	ppb v/v			05/06/14 20:55	1
1,2-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/06/14 20:55	1
1,2-Dichloroethane	ND		0.20	0.017	ppb v/v			05/06/14 20:55	1
1,2-Dichloropropane	ND		0.20	0.032	ppb v/v			05/06/14 20:55	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.035	ppb v/v			05/06/14 20:55	1
1,3,5-Trimethylbenzene	**25**		0.20	0.012	ppb v/v			05/06/14 20:55	1
1,3-Butadiene	ND		0.20	0.042	ppb v/v			05/06/14 20:55	1
1,3-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/06/14 20:55	1
1,4-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/06/14 20:55	1
1,4-Dioxane	ND		5.0	0.20	ppb v/v			05/06/14 20:55	1
2,2,4-Trimethylpentane	ND		0.20	0.027	ppb v/v			05/06/14 20:55	1
2-Chlorotoluene	ND		0.20	0.013	ppb v/v			05/06/14 20:55	1
3-Chloropropene	ND		0.50	0.034	ppb v/v			05/06/14 20:55	1
4-Ethyltoluene	**20**		0.20	0.018	ppb v/v			05/06/14 20:55	1
4-Isopropyltoluene	**0.79**		0.20	0.080	ppb v/v			05/06/14 20:55	1
Acetone	**1.8**	**J**	5.0	1.3	ppb v/v			05/06/14 20:55	1
Benzene	**0.082**	**J**	0.20	0.019	ppb v/v			05/06/14 20:55	1
Benzyl chloride	ND		0.20	0.080	ppb v/v			05/06/14 20:55	1
Bromodichloromethane	**0.043**	**J**	0.20	0.017	ppb v/v			05/06/14 20:55	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.030	ppb v/v			05/06/14 20:55	1
Bromoform	ND		0.20	0.010	ppb v/v			05/06/14 20:55	1
Bromomethane	ND		0.20	0.028	ppb v/v			05/06/14 20:55	1
Carbon disulfide	ND		0.50	0.066	ppb v/v			05/06/14 20:55	1
Carbon tetrachloride	**0.072**	**J**	0.20	0.021	ppb v/v			05/06/14 20:55	1
Chlorobenzene	**1.0**		0.20	0.0081	ppb v/v			05/06/14 20:55	1
Chloroethane	ND		0.50	0.030	ppb v/v			05/06/14 20:55	1
Chloroform	**0.28**		0.20	0.025	ppb v/v			05/06/14 20:55	1
Chloromethane	ND		0.50	0.14	ppb v/v			05/06/14 20:55	1
cis-1,2-Dichloroethene	ND		0.20	0.038	ppb v/v			05/06/14 20:55	1
cis-1,3-Dichloropropene	ND		0.20	0.028	ppb v/v			05/06/14 20:55	1
Cumene	ND		0.20	0.016	ppb v/v			05/06/14 20:55	1
Cyclohexane	ND		0.20	0.025	ppb v/v			05/06/14 20:55	1
Dibromochloromethane	ND		0.20	0.020	ppb v/v			05/06/14 20:55	1
Dichlorodifluoromethane	**0.48**	**J**	0.50	0.030	ppb v/v			05/06/14 20:55	1
Ethylbenzene	ND		0.20	0.013	ppb v/v			05/06/14 20:55	1
Freon 22	**0.47**	**J**	0.50	0.048	ppb v/v			05/06/14 20:55	1
Freon TF	**0.064**	**J**	0.20	0.018	ppb v/v			05/06/14 20:55	1
Hexachlorobutadiene	ND		0.20	0.022	ppb v/v			05/06/14 20:55	1
Isopropyl alcohol	**130**	**E**	5.0	0.22	ppb v/v			05/06/14 20:55	1
m,p-Xylene	**1.1**		0.50	0.023	ppb v/v			05/06/14 20:55	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.20	ppb v/v			05/06/14 20:55	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0945
Date Collected: 05/02/14 17:10
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-6
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone	ND		0.50	0.24	ppb v/v			05/06/14 20:55	1
methyl isobutyl ketone	ND		0.50	0.027	ppb v/v			05/06/14 20:55	1
Methyl methacrylate	ND		0.50	0.030	ppb v/v			05/06/14 20:55	1
Methyl tert-butyl ether	ND		0.20	0.022	ppb v/v			05/06/14 20:55	1
Methylene Chloride	ND		0.50	0.13	ppb v/v			05/06/14 20:55	1
Naphthalene	ND		0.50	0.20	ppb v/v			05/06/14 20:55	1
n-Butylbenzene	ND		0.20	0.080	ppb v/v			05/06/14 20:55	1
n-Heptane	**0.084**	**J**	0.20	0.046	ppb v/v			05/06/14 20:55	1
n-Hexane	ND		0.20	0.034	ppb v/v			05/06/14 20:55	1
sec-Butylbenzene	ND		0.20	0.080	ppb v/v			05/06/14 20:55	1
Styrene	ND		0.20	0.018	ppb v/v			05/06/14 20:55	1
tert-Butyl alcohol	ND		5.0	0.33	ppb v/v			05/06/14 20:55	1
tert-Butylbenzene	ND		0.20	0.017	ppb v/v			05/06/14 20:55	1
Tetrachloroethene	ND		0.20	0.016	ppb v/v			05/06/14 20:55	1
Tetrahydrofuran	ND		5.0	0.046	ppb v/v			05/06/14 20:55	1
Toluene	**1.5**		0.20	0.017	ppb v/v			05/06/14 20:55	1
trans-1,2-Dichloroethene	ND		0.20	0.029	ppb v/v			05/06/14 20:55	1
trans-1,3-Dichloropropene	ND		0.20	0.022	ppb v/v			05/06/14 20:55	1
Trichloroethene	**0.027**	**J**	0.20	0.024	ppb v/v			05/06/14 20:55	1
Trichlorofluoromethane	**0.32**		0.20	0.030	ppb v/v			05/06/14 20:55	1
Vinyl chloride	ND		0.20	0.038	ppb v/v			05/06/14 20:55	1
Xylene (total)	**4.8**		0.20	0.034	ppb v/v			05/06/14 20:55	1
Xylene, o-	**3.7**		0.20	0.016	ppb v/v			05/06/14 20:55	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	0.11	ug/m3			05/06/14 20:55	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.11	ug/m3			05/06/14 20:55	1
1,1,2-Trichloroethane	ND		1.1	0.093	ug/m3			05/06/14 20:55	1
1,1-Dichloroethane	ND		0.81	0.15	ug/m3			05/06/14 20:55	1
1,1-Dichloroethene	ND		0.79	0.095	ug/m3			05/06/14 20:55	1
1,2,4-Trichlorobenzene	ND		3.7	0.20	ug/m3			05/06/14 20:55	1
1,2,4-Trimethylbenzene	**290**	**E**	0.98	0.069	ug/m3			05/06/14 20:55	1
1,2-Dibromoethane	ND		1.5	0.15	ug/m3			05/06/14 20:55	1
1,2-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/06/14 20:55	1
1,2-Dichloroethane	ND		0.81	0.069	ug/m3			05/06/14 20:55	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			05/06/14 20:55	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.24	ug/m3			05/06/14 20:55	1
1,3,5-Trimethylbenzene	**120**		0.98	0.059	ug/m3			05/06/14 20:55	1
1,3-Butadiene	ND		0.44	0.093	ug/m3			05/06/14 20:55	1
1,3-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/06/14 20:55	1
1,4-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/06/14 20:55	1
1,4-Dioxane	ND		18	0.72	ug/m3			05/06/14 20:55	1
2,2,4-Trimethylpentane	ND		0.93	0.13	ug/m3			05/06/14 20:55	1
2-Chlorotoluene	ND		1.0	0.067	ug/m3			05/06/14 20:55	1
3-Chloropropene	ND		1.6	0.11	ug/m3			05/06/14 20:55	1
4-Ethyltoluene	**97**		0.98	0.088	ug/m3			05/06/14 20:55	1
4-Isopropyltoluene	**4.3**		1.1	0.44	ug/m3			05/06/14 20:55	1
Acetone	**4.4**	**J**	12	3.0	ug/m3			05/06/14 20:55	1
Benzene	**0.26**	**J**	0.64	0.061	ug/m3			05/06/14 20:55	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0945
Date Collected: 05/02/14 17:10
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-6
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		1.0	0.41	ug/m3			05/06/14 20:55	1
Bromodichloromethane	**0.29**	**J**	1.3	0.11	ug/m3			05/06/14 20:55	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.13	ug/m3			05/06/14 20:55	1
Bromoform	ND		2.1	0.10	ug/m3			05/06/14 20:55	1
Bromomethane	ND		0.78	0.11	ug/m3			05/06/14 20:55	1
Carbon disulfide	ND		1.6	0.21	ug/m3			05/06/14 20:55	1
Carbon tetrachloride	**0.46**	**J**	1.3	0.13	ug/m3			05/06/14 20:55	1
Chlorobenzene	**4.6**		0.92	0.037	ug/m3			05/06/14 20:55	1
Chloroethane	ND		1.3	0.079	ug/m3			05/06/14 20:55	1
Chloroform	**1.4**		0.98	0.12	ug/m3			05/06/14 20:55	1
Chloromethane	ND		1.0	0.28	ug/m3			05/06/14 20:55	1
cis-1,2-Dichloroethene	ND		0.79	0.15	ug/m3			05/06/14 20:55	1
cis-1,3-Dichloropropene	ND		0.91	0.13	ug/m3			05/06/14 20:55	1
Cumene	ND		0.98	0.079	ug/m3			05/06/14 20:55	1
Cyclohexane	ND		0.69	0.086	ug/m3			05/06/14 20:55	1
Dibromochloromethane	ND		1.7	0.17	ug/m3			05/06/14 20:55	1
Dichlorodifluoromethane	**2.4**	**J**	2.5	0.15	ug/m3			05/06/14 20:55	1
Ethylbenzene	ND		0.87	0.056	ug/m3			05/06/14 20:55	1
Freon 22	**1.7**	**J**	1.8	0.17	ug/m3			05/06/14 20:55	1
Freon TF	**0.49**	**J**	1.5	0.14	ug/m3			05/06/14 20:55	1
Hexachlorobutadiene	ND		2.1	0.23	ug/m3			05/06/14 20:55	1
Isopropyl alcohol	**320**	**E**	12	0.53	ug/m3			05/06/14 20:55	1
m,p-Xylene	**4.9**		2.2	0.10	ug/m3			05/06/14 20:55	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			05/06/14 20:55	1
Methyl Ethyl Ketone	ND		1.5	0.71	ug/m3			05/06/14 20:55	1
methyl isobutyl ketone	ND		2.0	0.11	ug/m3			05/06/14 20:55	1
Methyl methacrylate	ND		2.0	0.12	ug/m3			05/06/14 20:55	1
Methyl tert-butyl ether	ND		0.72	0.079	ug/m3			05/06/14 20:55	1
Methylene Chloride	ND		1.7	0.43	ug/m3			05/06/14 20:55	1
Naphthalene	ND		2.6	1.0	ug/m3			05/06/14 20:55	1
n-Butylbenzene	ND		1.1	0.44	ug/m3			05/06/14 20:55	1
n-Heptane	**0.34**	**J**	0.82	0.19	ug/m3			05/06/14 20:55	1
n-Hexane	ND		0.70	0.12	ug/m3			05/06/14 20:55	1
sec-Butylbenzene	ND		1.1	0.44	ug/m3			05/06/14 20:55	1
Styrene	ND		0.85	0.077	ug/m3			05/06/14 20:55	1
tert-Butyl alcohol	ND		15	0.99	ug/m3			05/06/14 20:55	1
tert-Butylbenzene	ND		1.1	0.093	ug/m3			05/06/14 20:55	1
Tetrachloroethene	ND		1.4	0.11	ug/m3			05/06/14 20:55	1
Tetrahydrofuran	ND		15	0.14	ug/m3			05/06/14 20:55	1
Toluene	**5.7**		0.75	0.064	ug/m3			05/06/14 20:55	1
trans-1,2-Dichloroethene	ND		0.79	0.11	ug/m3			05/06/14 20:55	1
trans-1,3-Dichloropropene	ND		0.91	0.10	ug/m3			05/06/14 20:55	1
Trichloroethene	**0.15**	**J**	1.1	0.13	ug/m3			05/06/14 20:55	1
Trichlorofluoromethane	**1.8**		1.1	0.17	ug/m3			05/06/14 20:55	1
Vinyl chloride	ND		0.51	0.097	ug/m3			05/06/14 20:55	1
Xylene (total)	**21**		0.87	0.15	ug/m3			05/06/14 20:55	1
Xylene, o-	**16**		0.87	0.069	ug/m3			05/06/14 20:55	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0907
Date Collected: 05/02/14 17:47
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-7
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20	0.021	ppb v/v			05/06/14 21:47	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.016	ppb v/v			05/06/14 21:47	1
1,1,2-Trichloroethane	ND		0.20	0.017	ppb v/v			05/06/14 21:47	1
1,1-Dichloroethane	ND		0.20	0.038	ppb v/v			05/06/14 21:47	1
1,1-Dichloroethene	ND		0.20	0.024	ppb v/v			05/06/14 21:47	1
1,2,4-Trichlorobenzene	ND		0.50	0.027	ppb v/v			05/06/14 21:47	1
1,2,4-Trimethylbenzene	**13**		0.20	0.014	ppb v/v			05/06/14 21:47	1
1,2-Dibromoethane	ND		0.20	0.020	ppb v/v			05/06/14 21:47	1
1,2-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/06/14 21:47	1
1,2-Dichloroethane	ND		0.20	0.017	ppb v/v			05/06/14 21:47	1
1,2-Dichloropropane	ND		0.20	0.032	ppb v/v			05/06/14 21:47	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.035	ppb v/v			05/06/14 21:47	1
1,3,5-Trimethylbenzene	**4.4**		0.20	0.012	ppb v/v			05/06/14 21:47	1
1,3-Butadiene	ND		0.20	0.042	ppb v/v			05/06/14 21:47	1
1,3-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/06/14 21:47	1
1,4-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/06/14 21:47	1
1,4-Dioxane	ND		5.0	0.20	ppb v/v			05/06/14 21:47	1
2,2,4-Trimethylpentane	ND		0.20	0.027	ppb v/v			05/06/14 21:47	1
2-Chlorotoluene	ND		0.20	0.013	ppb v/v			05/06/14 21:47	1
3-Chloropropene	ND		0.50	0.034	ppb v/v			05/06/14 21:47	1
4-Ethyltoluene	**3.8**		0.20	0.018	ppb v/v			05/06/14 21:47	1
4-Isopropyltoluene	**0.17**	**J**	0.20	0.080	ppb v/v			05/06/14 21:47	1
Acetone	**11**		5.0	1.3	ppb v/v			05/06/14 21:47	1
Benzene	**0.14**	**J**	0.20	0.019	ppb v/v			05/06/14 21:47	1
Benzyl chloride	ND		0.20	0.080	ppb v/v			05/06/14 21:47	1
Bromodichloromethane	ND		0.20	0.017	ppb v/v			05/06/14 21:47	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.030	ppb v/v			05/06/14 21:47	1
Bromoform	ND		0.20	0.010	ppb v/v			05/06/14 21:47	1
Bromomethane	ND		0.20	0.028	ppb v/v			05/06/14 21:47	1
Carbon disulfide	ND		0.50	0.066	ppb v/v			05/06/14 21:47	1
Carbon tetrachloride	**0.074**	**J**	0.20	0.021	ppb v/v			05/06/14 21:47	1
Chlorobenzene	**0.15**	**J**	0.20	0.0081	ppb v/v			05/06/14 21:47	1
Chloroethane	ND		0.50	0.030	ppb v/v			05/06/14 21:47	1
Chloroform	ND		0.20	0.025	ppb v/v			05/06/14 21:47	1
Chloromethane	**0.52**		0.50	0.14	ppb v/v			05/06/14 21:47	1
cis-1,2-Dichloroethene	**0.84**		0.20	0.038	ppb v/v			05/06/14 21:47	1
cis-1,3-Dichloropropene	ND		0.20	0.028	ppb v/v			05/06/14 21:47	1
Cumene	**0.42**		0.20	0.016	ppb v/v			05/06/14 21:47	1
Cyclohexane	ND		0.20	0.025	ppb v/v			05/06/14 21:47	1
Dibromochloromethane	ND		0.20	0.020	ppb v/v			05/06/14 21:47	1
Dichlorodifluoromethane	**0.52**		0.50	0.030	ppb v/v			05/06/14 21:47	1
Ethylbenzene	**0.24**		0.20	0.013	ppb v/v			05/06/14 21:47	1
Freon 22	**1.6**		0.50	0.048	ppb v/v			05/06/14 21:47	1
Freon TF	**0.081**	**J**	0.20	0.018	ppb v/v			05/06/14 21:47	1
Hexachlorobutadiene	ND		0.20	0.022	ppb v/v			05/06/14 21:47	1
Isopropyl alcohol	**100**	**E**	5.0	0.22	ppb v/v			05/06/14 21:47	1
m,p-Xylene	**1.0**		0.50	0.023	ppb v/v			05/06/14 21:47	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.20	ppb v/v			05/06/14 21:47	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0907
Date Collected: 05/02/14 17:47
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-7
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone	**1.7**		0.50	0.24	ppb v/v			05/06/14 21:47	1
methyl isobutyl ketone	ND		0.50	0.027	ppb v/v			05/06/14 21:47	1
Methyl methacrylate	ND		0.50	0.030	ppb v/v			05/06/14 21:47	1
Methyl tert-butyl ether	ND		0.20	0.022	ppb v/v			05/06/14 21:47	1
Methylene Chloride	**0.31**	**J**	0.50	0.13	ppb v/v			05/06/14 21:47	1
Naphthalene	**0.21**	**J**	0.50	0.20	ppb v/v			05/06/14 21:47	1
n-Butylbenzene	ND		0.20	0.080	ppb v/v			05/06/14 21:47	1
n-Heptane	ND		0.20	0.046	ppb v/v			05/06/14 21:47	1
n-Hexane	**0.16**	**J**	0.20	0.034	ppb v/v			05/06/14 21:47	1
sec-Butylbenzene	ND		0.20	0.080	ppb v/v			05/06/14 21:47	1
Styrene	**0.18**	**J**	0.20	0.018	ppb v/v			05/06/14 21:47	1
tert-Butyl alcohol	ND		5.0	0.33	ppb v/v			05/06/14 21:47	1
tert-Butylbenzene	ND		0.20	0.017	ppb v/v			05/06/14 21:47	1
Tetrachloroethene	**0.064**	**J**	0.20	0.016	ppb v/v			05/06/14 21:47	1
Tetrahydrofuran	ND		5.0	0.046	ppb v/v			05/06/14 21:47	1
Toluene	**1.2**		0.20	0.017	ppb v/v			05/06/14 21:47	1
trans-1,2-Dichloroethene	ND		0.20	0.029	ppb v/v			05/06/14 21:47	1
trans-1,3-Dichloropropene	ND		0.20	0.022	ppb v/v			05/06/14 21:47	1
Trichloroethene	**2.6**		0.20	0.024	ppb v/v			05/06/14 21:47	1
Trichlorofluoromethane	**0.23**		0.20	0.030	ppb v/v			05/06/14 21:47	1
Vinyl chloride	**0.10**	**J**	0.20	0.038	ppb v/v			05/06/14 21:47	1
Xylene (total)	**1.8**		0.20	0.034	ppb v/v			05/06/14 21:47	1
Xylene, o-	**0.80**		0.20	0.016	ppb v/v			05/06/14 21:47	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	0.11	ug/m3			05/06/14 21:47	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.11	ug/m3			05/06/14 21:47	1
1,1,2-Trichloroethane	ND		1.1	0.093	ug/m3			05/06/14 21:47	1
1,1-Dichloroethane	ND		0.81	0.15	ug/m3			05/06/14 21:47	1
1,1-Dichloroethene	ND		0.79	0.095	ug/m3			05/06/14 21:47	1
1,2,4-Trichlorobenzene	ND		3.7	0.20	ug/m3			05/06/14 21:47	1
1,2,4-Trimethylbenzene	**64**		0.98	0.069	ug/m3			05/06/14 21:47	1
1,2-Dibromoethane	ND		1.5	0.15	ug/m3			05/06/14 21:47	1
1,2-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/06/14 21:47	1
1,2-Dichloroethane	ND		0.81	0.069	ug/m3			05/06/14 21:47	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			05/06/14 21:47	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.24	ug/m3			05/06/14 21:47	1
1,3,5-Trimethylbenzene	**22**		0.98	0.059	ug/m3			05/06/14 21:47	1
1,3-Butadiene	ND		0.44	0.093	ug/m3			05/06/14 21:47	1
1,3-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/06/14 21:47	1
1,4-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/06/14 21:47	1
1,4-Dioxane	ND		18	0.72	ug/m3			05/06/14 21:47	1
2,2,4-Trimethylpentane	ND		0.93	0.13	ug/m3			05/06/14 21:47	1
2-Chlorotoluene	ND		1.0	0.067	ug/m3			05/06/14 21:47	1
3-Chloropropene	ND		1.6	0.11	ug/m3			05/06/14 21:47	1
4-Ethyltoluene	**19**		0.98	0.088	ug/m3			05/06/14 21:47	1
4-Isopropyltoluene	**0.91**	**J**	1.1	0.44	ug/m3			05/06/14 21:47	1
Acetone	**26**		12	3.0	ug/m3			05/06/14 21:47	1
Benzene	**0.46**	**J**	0.64	0.061	ug/m3			05/06/14 21:47	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0907
Date Collected: 05/02/14 17:47
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-7
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		1.0	0.41	ug/m3			05/06/14 21:47	1
Bromodichloromethane	ND		1.3	0.11	ug/m3			05/06/14 21:47	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.13	ug/m3			05/06/14 21:47	1
Bromoform	ND		2.1	0.10	ug/m3			05/06/14 21:47	1
Bromomethane	ND		0.78	0.11	ug/m3			05/06/14 21:47	1
Carbon disulfide	ND		1.6	0.21	ug/m3			05/06/14 21:47	1
Carbon tetrachloride	**0.47**	**J**	1.3	0.13	ug/m3			05/06/14 21:47	1
Chlorobenzene	**0.69**	**J**	0.92	0.037	ug/m3			05/06/14 21:47	1
Chloroethane	ND		1.3	0.079	ug/m3			05/06/14 21:47	1
Chloroform	ND		0.98	0.12	ug/m3			05/06/14 21:47	1
Chloromethane	**1.1**		1.0	0.28	ug/m3			05/06/14 21:47	1
cis-1,2-Dichloroethene	**3.3**		0.79	0.15	ug/m3			05/06/14 21:47	1
cis-1,3-Dichloropropene	ND		0.91	0.13	ug/m3			05/06/14 21:47	1
Cumene	**2.1**		0.98	0.079	ug/m3			05/06/14 21:47	1
Cyclohexane	ND		0.69	0.086	ug/m3			05/06/14 21:47	1
Dibromochloromethane	ND		1.7	0.17	ug/m3			05/06/14 21:47	1
Dichlorodifluoromethane	**2.6**		2.5	0.15	ug/m3			05/06/14 21:47	1
Ethylbenzene	**1.1**		0.87	0.056	ug/m3			05/06/14 21:47	1
Freon 22	**5.8**		1.8	0.17	ug/m3			05/06/14 21:47	1
Freon TF	**0.62**	**J**	1.5	0.14	ug/m3			05/06/14 21:47	1
Hexachlorobutadiene	ND		2.1	0.23	ug/m3			05/06/14 21:47	1
Isopropyl alcohol	**250**	**E**	12	0.53	ug/m3			05/06/14 21:47	1
m,p-Xylene	**4.4**		2.2	0.10	ug/m3			05/06/14 21:47	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			05/06/14 21:47	1
Methyl Ethyl Ketone	**5.0**		1.5	0.71	ug/m3			05/06/14 21:47	1
methyl isobutyl ketone	ND		2.0	0.11	ug/m3			05/06/14 21:47	1
Methyl methacrylate	ND		2.0	0.12	ug/m3			05/06/14 21:47	1
Methyl tert-butyl ether	ND		0.72	0.079	ug/m3			05/06/14 21:47	1
Methylene Chloride	**1.1**	**J**	1.7	0.43	ug/m3			05/06/14 21:47	1
Naphthalene	**1.1**	**J**	2.6	1.0	ug/m3			05/06/14 21:47	1
n-Butylbenzene	ND		1.1	0.44	ug/m3			05/06/14 21:47	1
n-Heptane	ND		0.82	0.19	ug/m3			05/06/14 21:47	1
n-Hexane	**0.57**	**J**	0.70	0.12	ug/m3			05/06/14 21:47	1
sec-Butylbenzene	ND		1.1	0.44	ug/m3			05/06/14 21:47	1
Styrene	**0.79**	**J**	0.85	0.077	ug/m3			05/06/14 21:47	1
tert-Butyl alcohol	ND		15	0.99	ug/m3			05/06/14 21:47	1
tert-Butylbenzene	ND		1.1	0.093	ug/m3			05/06/14 21:47	1
Tetrachloroethene	**0.43**	**J**	1.4	0.11	ug/m3			05/06/14 21:47	1
Tetrahydrofuran	ND		15	0.14	ug/m3			05/06/14 21:47	1
Toluene	**4.6**		0.75	0.064	ug/m3			05/06/14 21:47	1
trans-1,2-Dichloroethene	ND		0.79	0.11	ug/m3			05/06/14 21:47	1
trans-1,3-Dichloropropene	ND		0.91	0.10	ug/m3			05/06/14 21:47	1
Trichloroethene	**14**		1.1	0.13	ug/m3			05/06/14 21:47	1
Trichlorofluoromethane	**1.3**		1.1	0.17	ug/m3			05/06/14 21:47	1
Vinyl chloride	**0.27**	**J**	0.51	0.097	ug/m3			05/06/14 21:47	1
Xylene (total)	**7.8**		0.87	0.15	ug/m3			05/06/14 21:47	1
Xylene, o-	**3.5**		0.87	0.069	ug/m3			05/06/14 21:47	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0908
Date Collected: 05/02/14 17:47
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-8
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**15**	**J**	17	1.8	ppb v/v			05/08/14 20:01	83.7
1,1,2,2-Tetrachloroethane	ND		17	1.3	ppb v/v			05/08/14 20:01	83.7
1,1,2-Trichloroethane	ND		17	1.4	ppb v/v			05/08/14 20:01	83.7
1,1-Dichloroethane	ND		17	3.2	ppb v/v			05/08/14 20:01	83.7
1,1-Dichloroethene	ND		17	2.0	ppb v/v			05/08/14 20:01	83.7
1,2,4-Trichlorobenzene	ND		42	2.3	ppb v/v			05/08/14 20:01	83.7
1,2,4-Trimethylbenzene	ND		17	1.2	ppb v/v			05/08/14 20:01	83.7
1,2-Dibromoethane	ND		17	1.7	ppb v/v			05/08/14 20:01	83.7
1,2-Dichlorobenzene	ND		17	1.2	ppb v/v			05/08/14 20:01	83.7
1,2-Dichloroethane	ND		17	1.4	ppb v/v			05/08/14 20:01	83.7
1,2-Dichloropropane	ND		17	2.7	ppb v/v			05/08/14 20:01	83.7
1,2-Dichlorotetrafluoroethane	ND		17	2.9	ppb v/v			05/08/14 20:01	83.7
1,3,5-Trimethylbenzene	ND		17	1.0	ppb v/v			05/08/14 20:01	83.7
1,3-Butadiene	ND		17	3.5	ppb v/v			05/08/14 20:01	83.7
1,3-Dichlorobenzene	ND		17	1.2	ppb v/v			05/08/14 20:01	83.7
1,4-Dichlorobenzene	ND		17	1.2	ppb v/v			05/08/14 20:01	83.7
1,4-Dioxane	ND		420	17	ppb v/v			05/08/14 20:01	83.7
2,2,4-Trimethylpentane	ND		17	2.3	ppb v/v			05/08/14 20:01	83.7
2-Chlorotoluene	ND		17	1.1	ppb v/v			05/08/14 20:01	83.7
3-Chloropropene	ND		42	2.8	ppb v/v			05/08/14 20:01	83.7
4-Ethyltoluene	ND		17	1.5	ppb v/v			05/08/14 20:01	83.7
4-Isopropyltoluene	ND		17	6.7	ppb v/v			05/08/14 20:01	83.7
Acetone	ND		420	100	ppb v/v			05/08/14 20:01	83.7
Benzene	**2.8**	**J**	17	1.6	ppb v/v			05/08/14 20:01	83.7
Benzyl chloride	ND		17	6.7	ppb v/v			05/08/14 20:01	83.7
Bromodichloromethane	ND		17	1.4	ppb v/v			05/08/14 20:01	83.7
Bromoethene(Vinyl Bromide)	ND		17	2.5	ppb v/v			05/08/14 20:01	83.7
Bromoform	ND		17	0.84	ppb v/v			05/08/14 20:01	83.7
Bromomethane	ND		17	2.3	ppb v/v			05/08/14 20:01	83.7
Carbon disulfide	ND		42	5.5	ppb v/v			05/08/14 20:01	83.7
Carbon tetrachloride	ND		17	1.8	ppb v/v			05/08/14 20:01	83.7
Chlorobenzene	ND		17	0.68	ppb v/v			05/08/14 20:01	83.7
Chloroethane	ND		42	2.5	ppb v/v			05/08/14 20:01	83.7
Chloroform	**5.0**	**J**	17	2.1	ppb v/v			05/08/14 20:01	83.7
Chloromethane	ND		42	11	ppb v/v			05/08/14 20:01	83.7
cis-1,2-Dichloroethene	**22**		17	3.2	ppb v/v			05/08/14 20:01	83.7
cis-1,3-Dichloropropene	ND		17	2.3	ppb v/v			05/08/14 20:01	83.7
Cumene	ND		17	1.3	ppb v/v			05/08/14 20:01	83.7
Cyclohexane	ND		17	2.1	ppb v/v			05/08/14 20:01	83.7
Dibromochloromethane	ND		17	1.7	ppb v/v			05/08/14 20:01	83.7
Dichlorodifluoromethane	ND		42	2.5	ppb v/v			05/08/14 20:01	83.7
Ethylbenzene	**7.4**	**J**	17	1.1	ppb v/v			05/08/14 20:01	83.7
Freon 22	ND		42	4.0	ppb v/v			05/08/14 20:01	83.7
Freon TF	**6.3**	**J**	17	1.5	ppb v/v			05/08/14 20:01	83.7
Hexachlorobutadiene	ND		17	1.8	ppb v/v			05/08/14 20:01	83.7
Isopropyl alcohol	ND		420	18	ppb v/v			05/08/14 20:01	83.7
m,p-Xylene	**4.8**	**J**	42	1.9	ppb v/v			05/08/14 20:01	83.7
Methyl Butyl Ketone (2-Hexanone)	ND		42	17	ppb v/v			05/08/14 20:01	83.7

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0908
Date Collected: 05/02/14 17:47
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-8
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone	**160**		42	20	ppb v/v			05/08/14 20:01	83.7
methyl isobutyl ketone	ND		42	2.3	ppb v/v			05/08/14 20:01	83.7
Methyl methacrylate	ND		42	2.5	ppb v/v			05/08/14 20:01	83.7
Methyl tert-butyl ether	ND		17	1.8	ppb v/v			05/08/14 20:01	83.7
Methylene Chloride	**12**	**J**	42	10	ppb v/v			05/08/14 20:01	83.7
Naphthalene	ND		42	17	ppb v/v			05/08/14 20:01	83.7
n-Butylbenzene	ND		17	6.7	ppb v/v			05/08/14 20:01	83.7
n-Heptane	ND		17	3.9	ppb v/v			05/08/14 20:01	83.7
n-Hexane	ND		17	2.8	ppb v/v			05/08/14 20:01	83.7
sec-Butylbenzene	ND		17	6.7	ppb v/v			05/08/14 20:01	83.7
Styrene	**170**		17	1.5	ppb v/v			05/08/14 20:01	83.7
tert-Butyl alcohol	ND		420	27	ppb v/v			05/08/14 20:01	83.7
tert-Butylbenzene	ND		17	1.4	ppb v/v			05/08/14 20:01	83.7
Tetrachloroethene	ND		17	1.3	ppb v/v			05/08/14 20:01	83.7
Tetrahydrofuran	ND		420	3.9	ppb v/v			05/08/14 20:01	83.7
Toluene	**1.8**	**J**	17	1.4	ppb v/v			05/08/14 20:01	83.7
trans-1,2-Dichloroethene	ND		17	2.4	ppb v/v			05/08/14 20:01	83.7
trans-1,3-Dichloropropene	ND		17	1.8	ppb v/v			05/08/14 20:01	83.7
Trichloroethene	**1800**		17	2.0	ppb v/v			05/08/14 20:01	83.7
Trichlorofluoromethane	ND		17	2.5	ppb v/v			05/08/14 20:01	83.7
Vinyl chloride	ND		17	3.2	ppb v/v			05/08/14 20:01	83.7
Xylene (total)	**7.8**	**J**	17	2.8	ppb v/v			05/08/14 20:01	83.7
Xylene, o-	**3.0**	**J**	17	1.3	ppb v/v			05/08/14 20:01	83.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**83**	**J**	91	9.6	ug/m3			05/08/14 20:01	83.7
1,1,2,2-Tetrachloroethane	ND		110	9.2	ug/m3			05/08/14 20:01	83.7
1,1,2-Trichloroethane	ND		91	7.8	ug/m3			05/08/14 20:01	83.7
1,1-Dichloroethane	ND		68	13	ug/m3			05/08/14 20:01	83.7
1,1-Dichloroethene	ND		66	8.0	ug/m3			05/08/14 20:01	83.7
1,2,4-Trichlorobenzene	ND		310	17	ug/m3			05/08/14 20:01	83.7
1,2,4-Trimethylbenzene	ND		82	5.8	ug/m3			05/08/14 20:01	83.7
1,2-Dibromoethane	ND		130	13	ug/m3			05/08/14 20:01	83.7
1,2-Dichlorobenzene	ND		100	7.0	ug/m3			05/08/14 20:01	83.7
1,2-Dichloroethane	ND		68	5.8	ug/m3			05/08/14 20:01	83.7
1,2-Dichloropropane	ND		77	12	ug/m3			05/08/14 20:01	83.7
1,2-Dichlorotetrafluoroethane	ND		120	20	ug/m3			05/08/14 20:01	83.7
1,3,5-Trimethylbenzene	ND		82	4.9	ug/m3			05/08/14 20:01	83.7
1,3-Butadiene	ND		37	7.8	ug/m3			05/08/14 20:01	83.7
1,3-Dichlorobenzene	ND		100	7.0	ug/m3			05/08/14 20:01	83.7
1,4-Dichlorobenzene	ND		100	7.0	ug/m3			05/08/14 20:01	83.7
1,4-Dioxane	ND		1500	60	ug/m3			05/08/14 20:01	83.7
2,2,4-Trimethylpentane	ND		78	11	ug/m3			05/08/14 20:01	83.7
2-Chlorotoluene	ND		87	5.6	ug/m3			05/08/14 20:01	83.7
3-Chloropropene	ND		130	8.9	ug/m3			05/08/14 20:01	83.7
4-Ethyltoluene	ND		82	7.4	ug/m3			05/08/14 20:01	83.7
4-Isopropyltoluene	ND		92	37	ug/m3			05/08/14 20:01	83.7
Acetone	ND		990	250	ug/m3			05/08/14 20:01	83.7
Benzene	**9.1**	**J**	53	5.1	ug/m3			05/08/14 20:01	83.7

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0908
Date Collected: 05/02/14 17:47
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-8
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		87	35	ug/m3			05/08/14 20:01	83.7
Bromodichloromethane	ND		110	9.5	ug/m3			05/08/14 20:01	83.7
Bromoethene(Vinyl Bromide)	ND		73	11	ug/m3			05/08/14 20:01	83.7
Bromoform	ND		170	8.7	ug/m3			05/08/14 20:01	83.7
Bromomethane	ND		65	9.1	ug/m3			05/08/14 20:01	83.7
Carbon disulfide	ND		130	17	ug/m3			05/08/14 20:01	83.7
Carbon tetrachloride	ND		110	11	ug/m3			05/08/14 20:01	83.7
Chlorobenzene	ND		77	3.1	ug/m3			05/08/14 20:01	83.7
Chloroethane	ND		110	6.6	ug/m3			05/08/14 20:01	83.7
Chloroform	**24**	**J**	82	10	ug/m3			05/08/14 20:01	83.7
Chloromethane	ND		86	24	ug/m3			05/08/14 20:01	83.7
cis-1,2-Dichloroethene	**87**		66	13	ug/m3			05/08/14 20:01	83.7
cis-1,3-Dichloropropene	ND		76	11	ug/m3			05/08/14 20:01	83.7
Cumene	ND		82	6.6	ug/m3			05/08/14 20:01	83.7
Cyclohexane	ND		58	7.2	ug/m3			05/08/14 20:01	83.7
Dibromochloromethane	ND		140	14	ug/m3			05/08/14 20:01	83.7
Dichlorodifluoromethane	ND		210	12	ug/m3			05/08/14 20:01	83.7
Ethylbenzene	**32**	**J**	73	4.7	ug/m3			05/08/14 20:01	83.7
Freon 22	ND		150	14	ug/m3			05/08/14 20:01	83.7
Freon TF	**48**	**J**	130	12	ug/m3			05/08/14 20:01	83.7
Hexachlorobutadiene	ND		180	20	ug/m3			05/08/14 20:01	83.7
Isopropyl alcohol	ND		1000	44	ug/m3			05/08/14 20:01	83.7
m,p-Xylene	**21**	**J**	180	8.4	ug/m3			05/08/14 20:01	83.7
Methyl Butyl Ketone (2-Hexanone)	ND		170	69	ug/m3			05/08/14 20:01	83.7
Methyl Ethyl Ketone	**460**		120	60	ug/m3			05/08/14 20:01	83.7
methyl isobutyl ketone	ND		170	9.3	ug/m3			05/08/14 20:01	83.7
Methyl methacrylate	ND		170	10	ug/m3			05/08/14 20:01	83.7
Methyl tert-butyl ether	ND		60	6.6	ug/m3			05/08/14 20:01	83.7
Methylene Chloride	**42**	**J**	150	36	ug/m3			05/08/14 20:01	83.7
Naphthalene	ND		220	88	ug/m3			05/08/14 20:01	83.7
n-Butylbenzene	ND		92	37	ug/m3			05/08/14 20:01	83.7
n-Heptane	ND		69	16	ug/m3			05/08/14 20:01	83.7
n-Hexane	ND		59	10	ug/m3			05/08/14 20:01	83.7
sec-Butylbenzene	ND		92	37	ug/m3			05/08/14 20:01	83.7
Styrene	**740**		71	6.4	ug/m3			05/08/14 20:01	83.7
tert-Butyl alcohol	ND		1300	83	ug/m3			05/08/14 20:01	83.7
tert-Butylbenzene	ND		92	7.8	ug/m3			05/08/14 20:01	83.7
Tetrachloroethene	ND		110	9.1	ug/m3			05/08/14 20:01	83.7
Tetrahydrofuran	ND		1200	11	ug/m3			05/08/14 20:01	83.7
Toluene	**6.6**	**J**	63	5.4	ug/m3			05/08/14 20:01	83.7
trans-1,2-Dichloroethene	ND		66	9.6	ug/m3			05/08/14 20:01	83.7
trans-1,3-Dichloropropene	ND		76	8.4	ug/m3			05/08/14 20:01	83.7
Trichloroethene	**9600**		90	11	ug/m3			05/08/14 20:01	83.7
Trichlorofluoromethane	ND		94	14	ug/m3			05/08/14 20:01	83.7
Vinyl chloride	ND		43	8.1	ug/m3			05/08/14 20:01	83.7
Xylene (total)	**34**	**J**	73	12	ug/m3			05/08/14 20:01	83.7
Xylene, o-	**13**	**J**	73	5.8	ug/m3			05/08/14 20:01	83.7

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0914
Date Collected: 05/02/14 17:45
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-9
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.5	0.26	ppb v/v			05/08/14 20:53	12.5
1,1,2,2-Tetrachloroethane	ND		2.5	0.20	ppb v/v			05/08/14 20:53	12.5
1,1,2-Trichloroethane	ND		2.5	0.21	ppb v/v			05/08/14 20:53	12.5
1,1-Dichloroethane	ND		2.5	0.48	ppb v/v			05/08/14 20:53	12.5
1,1-Dichloroethene	**1.7**	**J**	2.5	0.30	ppb v/v			05/08/14 20:53	12.5
1,2,4-Trichlorobenzene	ND		6.3	0.34	ppb v/v			05/08/14 20:53	12.5
1,2,4-Trimethylbenzene	**19**		2.5	0.18	ppb v/v			05/08/14 20:53	12.5
1,2-Dibromoethane	ND		2.5	0.25	ppb v/v			05/08/14 20:53	12.5
1,2-Dichlorobenzene	**1.2**	**J**	2.5	0.18	ppb v/v			05/08/14 20:53	12.5
1,2-Dichloroethane	ND		2.5	0.21	ppb v/v			05/08/14 20:53	12.5
1,2-Dichloropropane	ND		2.5	0.40	ppb v/v			05/08/14 20:53	12.5
1,2-Dichlorotetrafluoroethane	ND		2.5	0.44	ppb v/v			05/08/14 20:53	12.5
1,3,5-Trimethylbenzene	**8.2**		2.5	0.15	ppb v/v			05/08/14 20:53	12.5
1,3-Butadiene	ND		2.5	0.53	ppb v/v			05/08/14 20:53	12.5
1,3-Dichlorobenzene	ND		2.5	0.18	ppb v/v			05/08/14 20:53	12.5
1,4-Dichlorobenzene	ND		2.5	0.18	ppb v/v			05/08/14 20:53	12.5
1,4-Dioxane	**5.8**	**J**	63	2.5	ppb v/v			05/08/14 20:53	12.5
2,2,4-Trimethylpentane	ND		2.5	0.34	ppb v/v			05/08/14 20:53	12.5
2-Chlorotoluene	ND		2.5	0.16	ppb v/v			05/08/14 20:53	12.5
3-Chloropropene	ND		6.3	0.43	ppb v/v			05/08/14 20:53	12.5
4-Ethyltoluene	**5.4**		2.5	0.23	ppb v/v			05/08/14 20:53	12.5
4-Isopropyltoluene	**2.4**	**J**	2.5	1.0	ppb v/v			05/08/14 20:53	12.5
Acetone	**88**		63	16	ppb v/v			05/08/14 20:53	12.5
Benzene	**5.9**		2.5	0.24	ppb v/v			05/08/14 20:53	12.5
Benzyl chloride	ND		2.5	1.0	ppb v/v			05/08/14 20:53	12.5
Bromodichloromethane	ND		2.5	0.21	ppb v/v			05/08/14 20:53	12.5
Bromoethene(Vinyl Bromide)	ND		2.5	0.38	ppb v/v			05/08/14 20:53	12.5
Bromoform	ND		2.5	0.13	ppb v/v			05/08/14 20:53	12.5
Bromomethane	ND		2.5	0.35	ppb v/v			05/08/14 20:53	12.5
Carbon disulfide	**3.1**	**J**	6.3	0.83	ppb v/v			05/08/14 20:53	12.5
Carbon tetrachloride	ND		2.5	0.26	ppb v/v			05/08/14 20:53	12.5
Chlorobenzene	ND		2.5	0.10	ppb v/v			05/08/14 20:53	12.5
Chloroethane	**12**		6.3	0.38	ppb v/v			05/08/14 20:53	12.5
Chloroform	ND		2.5	0.31	ppb v/v			05/08/14 20:53	12.5
Chloromethane	ND		6.3	1.7	ppb v/v			05/08/14 20:53	12.5
cis-1,2-Dichloroethene	**170**		2.5	0.48	ppb v/v			05/08/14 20:53	12.5
cis-1,3-Dichloropropene	ND		2.5	0.35	ppb v/v			05/08/14 20:53	12.5
Cumene	**18**		2.5	0.20	ppb v/v			05/08/14 20:53	12.5
Cyclohexane	**4.6**		2.5	0.31	ppb v/v			05/08/14 20:53	12.5
Dibromochloromethane	ND		2.5	0.25	ppb v/v			05/08/14 20:53	12.5
Dichlorodifluoromethane	**0.55**	**J**	6.3	0.38	ppb v/v			05/08/14 20:53	12.5
Ethylbenzene	**150**		2.5	0.16	ppb v/v			05/08/14 20:53	12.5
Freon 22	ND		6.3	0.60	ppb v/v			05/08/14 20:53	12.5
Freon TF	**5.4**		2.5	0.23	ppb v/v			05/08/14 20:53	12.5
Hexachlorobutadiene	ND		2.5	0.28	ppb v/v			05/08/14 20:53	12.5
Isopropyl alcohol	**3.0**	**J**	63	2.7	ppb v/v			05/08/14 20:53	12.5
m,p-Xylene	**67**		6.3	0.29	ppb v/v			05/08/14 20:53	12.5
Methyl Butyl Ketone (2-Hexanone)	ND		6.3	2.5	ppb v/v			05/08/14 20:53	12.5

Client Sample ID: 2288-050214-0914
Date Collected: 05/02/14 17:45
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-9
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone	**2000**	**E**	6.3	3.0	ppb v/v			05/08/14 20:53	12.5
methyl isobutyl ketone	**5.4**	**J**	6.3	0.34	ppb v/v			05/08/14 20:53	12.5
Methyl methacrylate	ND		6.3	0.38	ppb v/v			05/08/14 20:53	12.5
Methyl tert-butyl ether	ND		2.5	0.28	ppb v/v			05/08/14 20:53	12.5
Methylene Chloride	**18**		6.3	1.6	ppb v/v			05/08/14 20:53	12.5
Naphthalene	ND		6.3	2.5	ppb v/v			05/08/14 20:53	12.5
n-Butylbenzene	ND		2.5	1.0	ppb v/v			05/08/14 20:53	12.5
n-Heptane	ND		2.5	0.58	ppb v/v			05/08/14 20:53	12.5
n-Hexane	**6.1**		2.5	0.43	ppb v/v			05/08/14 20:53	12.5
sec-Butylbenzene	**4.5**		2.5	1.0	ppb v/v			05/08/14 20:53	12.5
Styrene	**25**		2.5	0.23	ppb v/v			05/08/14 20:53	12.5
tert-Butyl alcohol	**19**	**J**	63	4.1	ppb v/v			05/08/14 20:53	12.5
tert-Butylbenzene	ND		2.5	0.21	ppb v/v			05/08/14 20:53	12.5
Tetrachloroethene	**3.8**		2.5	0.20	ppb v/v			05/08/14 20:53	12.5
Tetrahydrofuran	ND		63	0.58	ppb v/v			05/08/14 20:53	12.5
Toluene	**10**		2.5	0.21	ppb v/v			05/08/14 20:53	12.5
trans-1,2-Dichloroethene	**12**		2.5	0.36	ppb v/v			05/08/14 20:53	12.5
trans-1,3-Dichloropropene	ND		2.5	0.28	ppb v/v			05/08/14 20:53	12.5
Trichloroethene	**72**		2.5	0.30	ppb v/v			05/08/14 20:53	12.5
Trichlorofluoromethane	ND		2.5	0.38	ppb v/v			05/08/14 20:53	12.5
Vinyl chloride	**45**		2.5	0.48	ppb v/v			05/08/14 20:53	12.5
Xylene (total)	**98**		2.5	0.43	ppb v/v			05/08/14 20:53	12.5
Xylene, o-	**31**		2.5	0.20	ppb v/v			05/08/14 20:53	12.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		14	1.4	ug/m3			05/08/14 20:53	12.5
1,1,2,2-Tetrachloroethane	ND		17	1.4	ug/m3			05/08/14 20:53	12.5
1,1,2-Trichloroethane	ND		14	1.2	ug/m3			05/08/14 20:53	12.5
1,1-Dichloroethane	ND		10	1.9	ug/m3			05/08/14 20:53	12.5
1,1-Dichloroethene	**6.9**	**J**	9.9	1.2	ug/m3			05/08/14 20:53	12.5
1,2,4-Trichlorobenzene	ND		46	2.5	ug/m3			05/08/14 20:53	12.5
1,2,4-Trimethylbenzene	**95**		12	0.86	ug/m3			05/08/14 20:53	12.5
1,2-Dibromoethane	ND		19	1.9	ug/m3			05/08/14 20:53	12.5
1,2-Dichlorobenzene	**7.3**	**J**	15	1.1	ug/m3			05/08/14 20:53	12.5
1,2-Dichloroethane	ND		10	0.86	ug/m3			05/08/14 20:53	12.5
1,2-Dichloropropane	ND		12	1.8	ug/m3			05/08/14 20:53	12.5
1,2-Dichlorotetrafluoroethane	ND		17	3.1	ug/m3			05/08/14 20:53	12.5
1,3,5-Trimethylbenzene	**40**		12	0.74	ug/m3			05/08/14 20:53	12.5
1,3-Butadiene	ND		5.5	1.2	ug/m3			05/08/14 20:53	12.5
1,3-Dichlorobenzene	ND		15	1.1	ug/m3			05/08/14 20:53	12.5
1,4-Dichlorobenzene	ND		15	1.1	ug/m3			05/08/14 20:53	12.5
1,4-Dioxane	**21**	**J**	230	9.0	ug/m3			05/08/14 20:53	12.5
2,2,4-Trimethylpentane	ND		12	1.6	ug/m3			05/08/14 20:53	12.5
2-Chlorotoluene	ND		13	0.84	ug/m3			05/08/14 20:53	12.5
3-Chloropropene	ND		20	1.3	ug/m3			05/08/14 20:53	12.5
4-Ethyltoluene	**27**		12	1.1	ug/m3			05/08/14 20:53	12.5
4-Isopropyltoluene	**13**	**J**	14	5.5	ug/m3			05/08/14 20:53	12.5
Acetone	**210**		150	37	ug/m3			05/08/14 20:53	12.5
Benzene	**19**		8.0	0.76	ug/m3			05/08/14 20:53	12.5

Client Sample ID: 2288-050214-0914
Date Collected: 05/02/14 17:45
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-9
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		13	5.2	ug/m3			05/08/14 20:53	12.5
Bromodichloromethane	ND		17	1.4	ug/m3			05/08/14 20:53	12.5
Bromoethene(Vinyl Bromide)	ND		11	1.6	ug/m3			05/08/14 20:53	12.5
Bromoform	ND		26	1.3	ug/m3			05/08/14 20:53	12.5
Bromomethane	ND		9.7	1.4	ug/m3			05/08/14 20:53	12.5
Carbon disulfide	**9.8**	**J**	19	2.6	ug/m3			05/08/14 20:53	12.5
Carbon tetrachloride	ND		16	1.7	ug/m3			05/08/14 20:53	12.5
Chlorobenzene	ND		12	0.47	ug/m3			05/08/14 20:53	12.5
Chloroethane	**31**		16	0.99	ug/m3			05/08/14 20:53	12.5
Chloroform	ND		12	1.5	ug/m3			05/08/14 20:53	12.5
Chloromethane	ND		13	3.5	ug/m3			05/08/14 20:53	12.5
cis-1,2-Dichloroethene	**660**		9.9	1.9	ug/m3			05/08/14 20:53	12.5
cis-1,3-Dichloropropene	ND		11	1.6	ug/m3			05/08/14 20:53	12.5
Cumene	**86**		12	0.98	ug/m3			05/08/14 20:53	12.5
Cyclohexane	**16**		8.6	1.1	ug/m3			05/08/14 20:53	12.5
Dibromochloromethane	ND		21	2.1	ug/m3			05/08/14 20:53	12.5
Dichlorodifluoromethane	**2.7**	**J**	31	1.9	ug/m3			05/08/14 20:53	12.5
Ethylbenzene	**660**		11	0.71	ug/m3			05/08/14 20:53	12.5
Freon 22	ND		22	2.1	ug/m3			05/08/14 20:53	12.5
Freon TF	**41**		19	1.7	ug/m3			05/08/14 20:53	12.5
Hexachlorobutadiene	ND		27	2.9	ug/m3			05/08/14 20:53	12.5
Isopropyl alcohol	**7.3**	**J**	150	6.6	ug/m3			05/08/14 20:53	12.5
m,p-Xylene	**290**		27	1.2	ug/m3			05/08/14 20:53	12.5
Methyl Butyl Ketone (2-Hexanone)	ND		26	10	ug/m3			05/08/14 20:53	12.5
Methyl Ethyl Ketone	**6000**	**E**	18	8.9	ug/m3			05/08/14 20:53	12.5
methyl isobutyl ketone	**22**	**J**	26	1.4	ug/m3			05/08/14 20:53	12.5
Methyl methacrylate	ND		26	1.5	ug/m3			05/08/14 20:53	12.5
Methyl tert-butyl ether	ND		9.0	0.99	ug/m3			05/08/14 20:53	12.5
Methylene Chloride	**63**		22	5.4	ug/m3			05/08/14 20:53	12.5
Naphthalene	ND		33	13	ug/m3			05/08/14 20:53	12.5
n-Butylbenzene	ND		14	5.5	ug/m3			05/08/14 20:53	12.5
n-Heptane	ND		10	2.4	ug/m3			05/08/14 20:53	12.5
n-Hexane	**21**		8.8	1.5	ug/m3			05/08/14 20:53	12.5
sec-Butylbenzene	**25**		14	5.5	ug/m3			05/08/14 20:53	12.5
Styrene	**110**		11	0.96	ug/m3			05/08/14 20:53	12.5
tert-Butyl alcohol	**57**	**J**	190	12	ug/m3			05/08/14 20:53	12.5
tert-Butylbenzene	ND		14	1.2	ug/m3			05/08/14 20:53	12.5
Tetrachloroethene	**26**		17	1.4	ug/m3			05/08/14 20:53	12.5
Tetrahydrofuran	ND		180	1.7	ug/m3			05/08/14 20:53	12.5
Toluene	**39**		9.4	0.80	ug/m3			05/08/14 20:53	12.5
trans-1,2-Dichloroethene	**47**		9.9	1.4	ug/m3			05/08/14 20:53	12.5
trans-1,3-Dichloropropene	ND		11	1.2	ug/m3			05/08/14 20:53	12.5
Trichloroethene	**390**		13	1.6	ug/m3			05/08/14 20:53	12.5
Trichlorofluoromethane	ND		14	2.1	ug/m3			05/08/14 20:53	12.5
Vinyl chloride	**110**		6.4	1.2	ug/m3			05/08/14 20:53	12.5
Xylene (total)	**430**		11	1.8	ug/m3			05/08/14 20:53	12.5
Xylene, o-	**130**		11	0.87	ug/m3			05/08/14 20:53	12.5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0916
Date Collected: 05/02/14 17:45
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-10
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20	0.021	ppb v/v			05/06/14 22:39	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.016	ppb v/v			05/06/14 22:39	1
1,1,2-Trichloroethane	ND		0.20	0.017	ppb v/v			05/06/14 22:39	1
1,1-Dichloroethane	ND		0.20	0.038	ppb v/v			05/06/14 22:39	1
1,1-Dichloroethene	ND		0.20	0.024	ppb v/v			05/06/14 22:39	1
1,2,4-Trichlorobenzene	ND		0.50	0.027	ppb v/v			05/06/14 22:39	1
1,2,4-Trimethylbenzene	**16**		0.20	0.014	ppb v/v			05/06/14 22:39	1
1,2-Dibromoethane	ND		0.20	0.020	ppb v/v			05/06/14 22:39	1
1,2-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/06/14 22:39	1
1,2-Dichloroethane	ND		0.20	0.017	ppb v/v			05/06/14 22:39	1
1,2-Dichloropropane	ND		0.20	0.032	ppb v/v			05/06/14 22:39	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.035	ppb v/v			05/06/14 22:39	1
1,3,5-Trimethylbenzene	**5.6**		0.20	0.012	ppb v/v			05/06/14 22:39	1
1,3-Butadiene	ND		0.20	0.042	ppb v/v			05/06/14 22:39	1
1,3-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/06/14 22:39	1
1,4-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/06/14 22:39	1
1,4-Dioxane	ND		5.0	0.20	ppb v/v			05/06/14 22:39	1
2,2,4-Trimethylpentane	ND		0.20	0.027	ppb v/v			05/06/14 22:39	1
2-Chlorotoluene	ND		0.20	0.013	ppb v/v			05/06/14 22:39	1
3-Chloropropene	ND		0.50	0.034	ppb v/v			05/06/14 22:39	1
4-Ethyltoluene	**4.8**		0.20	0.018	ppb v/v			05/06/14 22:39	1
4-Isopropyltoluene	ND		0.20	0.080	ppb v/v			05/06/14 22:39	1
Acetone	**8.4**		5.0	1.3	ppb v/v			05/06/14 22:39	1
Benzene	**0.098**	**J**	0.20	0.019	ppb v/v			05/06/14 22:39	1
Benzyl chloride	ND		0.20	0.080	ppb v/v			05/06/14 22:39	1
Bromodichloromethane	ND		0.20	0.017	ppb v/v			05/06/14 22:39	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.030	ppb v/v			05/06/14 22:39	1
Bromoform	ND		0.20	0.010	ppb v/v			05/06/14 22:39	1
Bromomethane	ND		0.20	0.028	ppb v/v			05/06/14 22:39	1
Carbon disulfide	ND		0.50	0.066	ppb v/v			05/06/14 22:39	1
Carbon tetrachloride	**0.069**	**J**	0.20	0.021	ppb v/v			05/06/14 22:39	1
Chlorobenzene	**0.19**	**J**	0.20	0.0081	ppb v/v			05/06/14 22:39	1
Chloroethane	ND		0.50	0.030	ppb v/v			05/06/14 22:39	1
Chloroform	ND		0.20	0.025	ppb v/v			05/06/14 22:39	1
Chloromethane	**0.51**		0.50	0.14	ppb v/v			05/06/14 22:39	1
cis-1,2-Dichloroethene	**0.27**		0.20	0.038	ppb v/v			05/06/14 22:39	1
cis-1,3-Dichloropropene	ND		0.20	0.028	ppb v/v			05/06/14 22:39	1
Cumene	ND		0.20	0.016	ppb v/v			05/06/14 22:39	1
Cyclohexane	ND		0.20	0.025	ppb v/v			05/06/14 22:39	1
Dibromochloromethane	ND		0.20	0.020	ppb v/v			05/06/14 22:39	1
Dichlorodifluoromethane	**0.47**	**J**	0.50	0.030	ppb v/v			05/06/14 22:39	1
Ethylbenzene	ND		0.20	0.013	ppb v/v			05/06/14 22:39	1
Freon 22	**1.9**		0.50	0.048	ppb v/v			05/06/14 22:39	1
Freon TF	**0.090**	**J**	0.20	0.018	ppb v/v			05/06/14 22:39	1
Hexachlorobutadiene	ND		0.20	0.022	ppb v/v			05/06/14 22:39	1
Isopropyl alcohol	**130**	**E**	5.0	0.22	ppb v/v			05/06/14 22:39	1
m,p-Xylene	**0.66**		0.50	0.023	ppb v/v			05/06/14 22:39	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.20	ppb v/v			05/06/14 22:39	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0916
Date Collected: 05/02/14 17:45
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-10
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone	**1.1**		0.50	0.24	ppb v/v			05/06/14 22:39	1
methyl isobutyl ketone	ND		0.50	0.027	ppb v/v			05/06/14 22:39	1
Methyl methacrylate	ND		0.50	0.030	ppb v/v			05/06/14 22:39	1
Methyl tert-butyl ether	ND		0.20	0.022	ppb v/v			05/06/14 22:39	1
Methylene Chloride	**0.22**	**J**	0.50	0.13	ppb v/v			05/06/14 22:39	1
Naphthalene	ND		0.50	0.20	ppb v/v			05/06/14 22:39	1
n-Butylbenzene	ND		0.20	0.080	ppb v/v			05/06/14 22:39	1
n-Heptane	ND		0.20	0.046	ppb v/v			05/06/14 22:39	1
n-Hexane	ND		0.20	0.034	ppb v/v			05/06/14 22:39	1
sec-Butylbenzene	ND		0.20	0.080	ppb v/v			05/06/14 22:39	1
Styrene	**0.10**	**J**	0.20	0.018	ppb v/v			05/06/14 22:39	1
tert-Butyl alcohol	ND		5.0	0.33	ppb v/v			05/06/14 22:39	1
tert-Butylbenzene	ND		0.20	0.017	ppb v/v			05/06/14 22:39	1
Tetrachloroethene	**0.021**	**J**	0.20	0.016	ppb v/v			05/06/14 22:39	1
Tetrahydrofuran	ND		5.0	0.046	ppb v/v			05/06/14 22:39	1
Toluene	**0.70**		0.20	0.017	ppb v/v			05/06/14 22:39	1
trans-1,2-Dichloroethene	ND		0.20	0.029	ppb v/v			05/06/14 22:39	1
trans-1,3-Dichloropropene	ND		0.20	0.022	ppb v/v			05/06/14 22:39	1
Trichloroethene	**0.34**		0.20	0.024	ppb v/v			05/06/14 22:39	1
Trichlorofluoromethane	**0.23**		0.20	0.030	ppb v/v			05/06/14 22:39	1
Vinyl chloride	**0.048**	**J**	0.20	0.038	ppb v/v			05/06/14 22:39	1
Xylene (total)	**1.5**		0.20	0.034	ppb v/v			05/06/14 22:39	1
Xylene, o-	**0.83**		0.20	0.016	ppb v/v			05/06/14 22:39	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	0.11	ug/m3			05/06/14 22:39	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.11	ug/m3			05/06/14 22:39	1
1,1,2-Trichloroethane	ND		1.1	0.093	ug/m3			05/06/14 22:39	1
1,1-Dichloroethane	ND		0.81	0.15	ug/m3			05/06/14 22:39	1
1,1-Dichloroethene	ND		0.79	0.095	ug/m3			05/06/14 22:39	1
1,2,4-Trichlorobenzene	ND		3.7	0.20	ug/m3			05/06/14 22:39	1
1,2,4-Trimethylbenzene	**79**		0.98	0.069	ug/m3			05/06/14 22:39	1
1,2-Dibromoethane	ND		1.5	0.15	ug/m3			05/06/14 22:39	1
1,2-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/06/14 22:39	1
1,2-Dichloroethane	ND		0.81	0.069	ug/m3			05/06/14 22:39	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			05/06/14 22:39	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.24	ug/m3			05/06/14 22:39	1
1,3,5-Trimethylbenzene	**27**		0.98	0.059	ug/m3			05/06/14 22:39	1
1,3-Butadiene	ND		0.44	0.093	ug/m3			05/06/14 22:39	1
1,3-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/06/14 22:39	1
1,4-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/06/14 22:39	1
1,4-Dioxane	ND		18	0.72	ug/m3			05/06/14 22:39	1
2,2,4-Trimethylpentane	ND		0.93	0.13	ug/m3			05/06/14 22:39	1
2-Chlorotoluene	ND		1.0	0.067	ug/m3			05/06/14 22:39	1
3-Chloropropene	ND		1.6	0.11	ug/m3			05/06/14 22:39	1
4-Ethyltoluene	**24**		0.98	0.088	ug/m3			05/06/14 22:39	1
4-Isopropyltoluene	ND		1.1	0.44	ug/m3			05/06/14 22:39	1
Acetone	**20**		12	3.0	ug/m3			05/06/14 22:39	1
Benzene	**0.31**	**J**	0.64	0.061	ug/m3			05/06/14 22:39	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0916
Lab Sample ID: 480-59199-10
Date Collected: 05/02/14 17:45
Matrix: Air
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		1.0	0.41	ug/m3			05/06/14 22:39	1
Bromodichloromethane	ND		1.3	0.11	ug/m3			05/06/14 22:39	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.13	ug/m3			05/06/14 22:39	1
Bromoform	ND		2.1	0.10	ug/m3			05/06/14 22:39	1
Bromomethane	ND		0.78	0.11	ug/m3			05/06/14 22:39	1
Carbon disulfide	ND		1.6	0.21	ug/m3			05/06/14 22:39	1
Carbon tetrachloride	**0.43**	**J**	1.3	0.13	ug/m3			05/06/14 22:39	1
Chlorobenzene	**0.86**	**J**	0.92	0.037	ug/m3			05/06/14 22:39	1
Chloroethane	ND		1.3	0.079	ug/m3			05/06/14 22:39	1
Chloroform	ND		0.98	0.12	ug/m3			05/06/14 22:39	1
Chloromethane	**1.1**		1.0	0.28	ug/m3			05/06/14 22:39	1
cis-1,2-Dichloroethene	**1.1**		0.79	0.15	ug/m3			05/06/14 22:39	1
cis-1,3-Dichloropropene	ND		0.91	0.13	ug/m3			05/06/14 22:39	1
Cumene	ND		0.98	0.079	ug/m3			05/06/14 22:39	1
Cyclohexane	ND		0.69	0.086	ug/m3			05/06/14 22:39	1
Dibromochloromethane	ND		1.7	0.17	ug/m3			05/06/14 22:39	1
Dichlorodifluoromethane	**2.3**	**J**	2.5	0.15	ug/m3			05/06/14 22:39	1
Ethylbenzene	ND		0.87	0.056	ug/m3			05/06/14 22:39	1
Freon 22	**6.7**		1.8	0.17	ug/m3			05/06/14 22:39	1
Freon TF	**0.69**	**J**	1.5	0.14	ug/m3			05/06/14 22:39	1
Hexachlorobutadiene	ND		2.1	0.23	ug/m3			05/06/14 22:39	1
Isopropyl alcohol	**310**	**E**	12	0.53	ug/m3			05/06/14 22:39	1
m,p-Xylene	**2.8**		2.2	0.10	ug/m3			05/06/14 22:39	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			05/06/14 22:39	1
Methyl Ethyl Ketone	**3.2**		1.5	0.71	ug/m3			05/06/14 22:39	1
methyl isobutyl ketone	ND		2.0	0.11	ug/m3			05/06/14 22:39	1
Methyl methacrylate	ND		2.0	0.12	ug/m3			05/06/14 22:39	1
Methyl tert-butyl ether	ND		0.72	0.079	ug/m3			05/06/14 22:39	1
Methylene Chloride	**0.75**	**J**	1.7	0.43	ug/m3			05/06/14 22:39	1
Naphthalene	ND		2.6	1.0	ug/m3			05/06/14 22:39	1
n-Butylbenzene	ND		1.1	0.44	ug/m3			05/06/14 22:39	1
n-Heptane	ND		0.82	0.19	ug/m3			05/06/14 22:39	1
n-Hexane	ND		0.70	0.12	ug/m3			05/06/14 22:39	1
sec-Butylbenzene	ND		1.1	0.44	ug/m3			05/06/14 22:39	1
Styrene	**0.44**	**J**	0.85	0.077	ug/m3			05/06/14 22:39	1
tert-Butyl alcohol	ND		15	0.99	ug/m3			05/06/14 22:39	1
tert-Butylbenzene	ND		1.1	0.093	ug/m3			05/06/14 22:39	1
Tetrachloroethene	**0.14**	**J**	1.4	0.11	ug/m3			05/06/14 22:39	1
Tetrahydrofuran	ND		15	0.14	ug/m3			05/06/14 22:39	1
Toluene	**2.6**		0.75	0.064	ug/m3			05/06/14 22:39	1
trans-1,2-Dichloroethene	ND		0.79	0.11	ug/m3			05/06/14 22:39	1
trans-1,3-Dichloropropene	ND		0.91	0.10	ug/m3			05/06/14 22:39	1
Trichloroethene	**1.8**		1.1	0.13	ug/m3			05/06/14 22:39	1
Trichlorofluoromethane	**1.3**		1.1	0.17	ug/m3			05/06/14 22:39	1
Vinyl chloride	**0.12**	**J**	0.51	0.097	ug/m3			05/06/14 22:39	1
Xylene (total)	**6.5**		0.87	0.15	ug/m3			05/06/14 22:39	1
Xylene, o-	**3.6**		0.87	0.069	ug/m3			05/06/14 22:39	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0920
Lab Sample ID: 480-59199-11
Date Collected: 05/02/14 17:43
Matrix: Air
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5000	530	ppb v/v			05/08/14 21:45	25100
1,1,2,2-Tetrachloroethane	ND		5000	400	ppb v/v			05/08/14 21:45	25100
1,1,2-Trichloroethane	ND		5000	430	ppb v/v			05/08/14 21:45	25100
1,1-Dichloroethane	ND		5000	950	ppb v/v			05/08/14 21:45	25100
1,1-Dichloroethene	**2500**	**J**	5000	600	ppb v/v			05/08/14 21:45	25100
1,2,4-Trichlorobenzene	ND		13000	680	ppb v/v			05/08/14 21:45	25100
1,2,4-Trimethylbenzene	ND		5000	350	ppb v/v			05/08/14 21:45	25100
1,2-Dibromoethane	ND		5000	500	ppb v/v			05/08/14 21:45	25100
1,2-Dichlorobenzene	ND		5000	350	ppb v/v			05/08/14 21:45	25100
1,2-Dichloroethane	ND		5000	430	ppb v/v			05/08/14 21:45	25100
1,2-Dichloropropane	ND		5000	800	ppb v/v			05/08/14 21:45	25100
1,2-Dichlorotetrafluoroethane	ND		5000	880	ppb v/v			05/08/14 21:45	25100
1,3,5-Trimethylbenzene	ND		5000	300	ppb v/v			05/08/14 21:45	25100
1,3-Butadiene	ND		5000	1100	ppb v/v			05/08/14 21:45	25100
1,3-Dichlorobenzene	ND		5000	350	ppb v/v			05/08/14 21:45	25100
1,4-Dichlorobenzene	ND		5000	350	ppb v/v			05/08/14 21:45	25100
1,4-Dioxane	ND		130000	5000	ppb v/v			05/08/14 21:45	25100
2,2,4-Trimethylpentane	ND		5000	680	ppb v/v			05/08/14 21:45	25100
2-Chlorotoluene	ND		5000	330	ppb v/v			05/08/14 21:45	25100
3-Chloropropene	ND		13000	850	ppb v/v			05/08/14 21:45	25100
4-Ethyltoluene	ND		5000	450	ppb v/v			05/08/14 21:45	25100
4-Isopropyltoluene	ND		5000	2000	ppb v/v			05/08/14 21:45	25100
Acetone	ND		130000	31000	ppb v/v			05/08/14 21:45	25100
Benzene	ND		5000	480	ppb v/v			05/08/14 21:45	25100
Benzyl chloride	ND		5000	2000	ppb v/v			05/08/14 21:45	25100
Bromodichloromethane	ND		5000	430	ppb v/v			05/08/14 21:45	25100
Bromoethene(Vinyl Bromide)	ND		5000	750	ppb v/v			05/08/14 21:45	25100
Bromoform	ND		5000	250	ppb v/v			05/08/14 21:45	25100
Bromomethane	ND		5000	700	ppb v/v			05/08/14 21:45	25100
Carbon disulfide	ND		13000	1700	ppb v/v			05/08/14 21:45	25100
Carbon tetrachloride	ND		5000	530	ppb v/v			05/08/14 21:45	25100
Chlorobenzene	ND		5000	200	ppb v/v			05/08/14 21:45	25100
Chloroethane	ND		13000	750	ppb v/v			05/08/14 21:45	25100
Chloroform	ND		5000	630	ppb v/v			05/08/14 21:45	25100
Chloromethane	ND		13000	3400	ppb v/v			05/08/14 21:45	25100
cis-1,2-Dichloroethene	**460000**		5000	950	ppb v/v			05/08/14 21:45	25100
cis-1,3-Dichloropropene	ND		5000	700	ppb v/v			05/08/14 21:45	25100
Cumene	ND		5000	400	ppb v/v			05/08/14 21:45	25100
Cyclohexane	ND		5000	630	ppb v/v			05/08/14 21:45	25100
Dibromochloromethane	ND		5000	500	ppb v/v			05/08/14 21:45	25100
Dichlorodifluoromethane	ND		13000	750	ppb v/v			05/08/14 21:45	25100
Ethylbenzene	ND		5000	330	ppb v/v			05/08/14 21:45	25100
Freon 22	ND		13000	1200	ppb v/v			05/08/14 21:45	25100
Freon TF	ND		5000	450	ppb v/v			05/08/14 21:45	25100
Hexachlorobutadiene	ND		5000	550	ppb v/v			05/08/14 21:45	25100
Isopropyl alcohol	ND		130000	5400	ppb v/v			05/08/14 21:45	25100
m,p-Xylene	ND		13000	580	ppb v/v			05/08/14 21:45	25100
Methyl Butyl Ketone (2-Hexanone)	ND		13000	5000	ppb v/v			05/08/14 21:45	25100

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0920
Date Collected: 05/02/14 17:43
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-11
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone	ND		13000	6100	ppb v/v			05/08/14 21:45	25100
methyl isobutyl ketone	ND		13000	680	ppb v/v			05/08/14 21:45	25100
Methyl methacrylate	ND		13000	750	ppb v/v			05/08/14 21:45	25100
Methyl tert-butyl ether	ND		5000	550	ppb v/v			05/08/14 21:45	25100
Methylene Chloride	ND		13000	3100	ppb v/v			05/08/14 21:45	25100
Naphthalene	ND		13000	5000	ppb v/v			05/08/14 21:45	25100
n-Butylbenzene	ND		5000	2000	ppb v/v			05/08/14 21:45	25100
n-Heptane	ND		5000	1200	ppb v/v			05/08/14 21:45	25100
n-Hexane	**1800**	**J**	5000	850	ppb v/v			05/08/14 21:45	25100
sec-Butylbenzene	ND		5000	2000	ppb v/v			05/08/14 21:45	25100
Styrene	ND		5000	450	ppb v/v			05/08/14 21:45	25100
tert-Butyl alcohol	ND		130000	8200	ppb v/v			05/08/14 21:45	25100
tert-Butylbenzene	ND		5000	430	ppb v/v			05/08/14 21:45	25100
Tetrachloroethene	ND		5000	400	ppb v/v			05/08/14 21:45	25100
Tetrahydrofuran	ND		130000	1200	ppb v/v			05/08/14 21:45	25100
Toluene	ND		5000	430	ppb v/v			05/08/14 21:45	25100
trans-1,2-Dichloroethene	**2100**	**J**	5000	730	ppb v/v			05/08/14 21:45	25100
trans-1,3-Dichloropropene	ND		5000	550	ppb v/v			05/08/14 21:45	25100
Trichloroethene	**3500**	**J**	5000	600	ppb v/v			05/08/14 21:45	25100
Trichlorofluoromethane	ND		5000	750	ppb v/v			05/08/14 21:45	25100
Vinyl chloride	**170000**		5000	950	ppb v/v			05/08/14 21:45	25100
Xylene (total)	ND		5000	850	ppb v/v			05/08/14 21:45	25100
Xylene, o-	ND		5000	400	ppb v/v			05/08/14 21:45	25100

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		27000	2900	ug/m3			05/08/14 21:45	25100
1,1,2,2-Tetrachloroethane	ND		34000	2800	ug/m3			05/08/14 21:45	25100
1,1,2-Trichloroethane	ND		27000	2300	ug/m3			05/08/14 21:45	25100
1,1-Dichloroethane	ND		20000	3900	ug/m3			05/08/14 21:45	25100
1,1-Dichloroethene	**9800**	**J**	20000	2400	ug/m3			05/08/14 21:45	25100
1,2,4-Trichlorobenzene	ND		93000	5000	ug/m3			05/08/14 21:45	25100
1,2,4-Trimethylbenzene	ND		25000	1700	ug/m3			05/08/14 21:45	25100
1,2-Dibromoethane	ND		39000	3900	ug/m3			05/08/14 21:45	25100
1,2-Dichlorobenzene	ND		30000	2100	ug/m3			05/08/14 21:45	25100
1,2-Dichloroethane	ND		20000	1700	ug/m3			05/08/14 21:45	25100
1,2-Dichloropropane	ND		23000	3700	ug/m3			05/08/14 21:45	25100
1,2-Dichlorotetrafluoroethane	ND		35000	6100	ug/m3			05/08/14 21:45	25100
1,3,5-Trimethylbenzene	ND		25000	1500	ug/m3			05/08/14 21:45	25100
1,3-Butadiene	ND		11000	2300	ug/m3			05/08/14 21:45	25100
1,3-Dichlorobenzene	ND		30000	2100	ug/m3			05/08/14 21:45	25100
1,4-Dichlorobenzene	ND		30000	2100	ug/m3			05/08/14 21:45	25100
1,4-Dioxane	ND		450000	18000	ug/m3			05/08/14 21:45	25100
2,2,4-Trimethylpentane	ND		23000	3200	ug/m3			05/08/14 21:45	25100
2-Chlorotoluene	ND		26000	1700	ug/m3			05/08/14 21:45	25100
3-Chloropropene	ND		39000	2700	ug/m3			05/08/14 21:45	25100
4-Ethyltoluene	ND		25000	2200	ug/m3			05/08/14 21:45	25100
4-Isopropyltoluene	ND		28000	11000	ug/m3			05/08/14 21:45	25100
Acetone	ND		300000	75000	ug/m3			05/08/14 21:45	25100
Benzene	ND		16000	1500	ug/m3			05/08/14 21:45	25100

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0920
Date Collected: 05/02/14 17:43
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-11
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		26000	10000	ug/m3			05/08/14 21:45	25100
Bromodichloromethane	ND		34000	2900	ug/m3			05/08/14 21:45	25100
Bromoethene(Vinyl Bromide)	ND		22000	3300	ug/m3			05/08/14 21:45	25100
Bromoform	ND		52000	2600	ug/m3			05/08/14 21:45	25100
Bromomethane	ND		19000	2700	ug/m3			05/08/14 21:45	25100
Carbon disulfide	ND		39000	5200	ug/m3			05/08/14 21:45	25100
Carbon tetrachloride	ND		32000	3300	ug/m3			05/08/14 21:45	25100
Chlorobenzene	ND		23000	940	ug/m3			05/08/14 21:45	25100
Chloroethane	ND		33000	2000	ug/m3			05/08/14 21:45	25100
Chloroform	ND		25000	3100	ug/m3			05/08/14 21:45	25100
Chloromethane	ND		26000	7000	ug/m3			05/08/14 21:45	25100
cis-1,2-Dichloroethene	**1800000**		20000	3800	ug/m3			05/08/14 21:45	25100
cis-1,3-Dichloropropene	ND		23000	3200	ug/m3			05/08/14 21:45	25100
Cumene	ND		25000	2000	ug/m3			05/08/14 21:45	25100
Cyclohexane	ND		17000	2200	ug/m3			05/08/14 21:45	25100
Dibromochloromethane	ND		43000	4300	ug/m3			05/08/14 21:45	25100
Dichlorodifluoromethane	ND		62000	3700	ug/m3			05/08/14 21:45	25100
Ethylbenzene	ND		22000	1400	ug/m3			05/08/14 21:45	25100
Freon 22	ND		44000	4300	ug/m3			05/08/14 21:45	25100
Freon TF	ND		38000	3500	ug/m3			05/08/14 21:45	25100
Hexachlorobutadiene	ND		54000	5900	ug/m3			05/08/14 21:45	25100
Isopropyl alcohol	ND		310000	13000	ug/m3			05/08/14 21:45	25100
m,p-Xylene	ND		54000	2500	ug/m3			05/08/14 21:45	25100
Methyl Butyl Ketone (2-Hexanone)	ND		51000	21000	ug/m3			05/08/14 21:45	25100
Methyl Ethyl Ketone	ND		37000	18000	ug/m3			05/08/14 21:45	25100
methyl isobutyl ketone	ND		51000	2800	ug/m3			05/08/14 21:45	25100
Methyl methacrylate	ND		51000	3100	ug/m3			05/08/14 21:45	25100
Methyl tert-butyl ether	ND		18000	2000	ug/m3			05/08/14 21:45	25100
Methylene Chloride	ND		44000	11000	ug/m3			05/08/14 21:45	25100
Naphthalene	ND		66000	26000	ug/m3			05/08/14 21:45	25100
n-Butylbenzene	ND		28000	11000	ug/m3			05/08/14 21:45	25100
n-Heptane	ND		21000	4700	ug/m3			05/08/14 21:45	25100
n-Hexane	**6300**	**J**	18000	3000	ug/m3			05/08/14 21:45	25100
sec-Butylbenzene	ND		28000	11000	ug/m3			05/08/14 21:45	25100
Styrene	ND		21000	1900	ug/m3			05/08/14 21:45	25100
tert-Butyl alcohol	ND		380000	25000	ug/m3			05/08/14 21:45	25100
tert-Butylbenzene	ND		28000	2300	ug/m3			05/08/14 21:45	25100
Tetrachloroethene	ND		34000	2700	ug/m3			05/08/14 21:45	25100
Tetrahydrofuran	ND		370000	3400	ug/m3			05/08/14 21:45	25100
Toluene	ND		19000	1600	ug/m3			05/08/14 21:45	25100
trans-1,2-Dichloroethene	**8400**	**J**	20000	2900	ug/m3			05/08/14 21:45	25100
trans-1,3-Dichloropropene	ND		23000	2500	ug/m3			05/08/14 21:45	25100
Trichloroethene	**19000**	**J**	27000	3200	ug/m3			05/08/14 21:45	25100
Trichlorofluoromethane	ND		28000	4200	ug/m3			05/08/14 21:45	25100
Vinyl chloride	**430000**		13000	2400	ug/m3			05/08/14 21:45	25100
Xylene (total)	ND		22000	3700	ug/m3			05/08/14 21:45	25100
Xylene, o-	ND		22000	1700	ug/m3			05/08/14 21:45	25100

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0922
Date Collected: 05/02/14 17:43
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-12
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20	0.021	ppb v/v			05/06/14 23:31	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.016	ppb v/v			05/06/14 23:31	1
1,1,2-Trichloroethane	ND		0.20	0.017	ppb v/v			05/06/14 23:31	1
1,1-Dichloroethane	ND		0.20	0.038	ppb v/v			05/06/14 23:31	1
1,1-Dichloroethene	ND		0.20	0.024	ppb v/v			05/06/14 23:31	1
1,2,4-Trichlorobenzene	ND		0.50	0.027	ppb v/v			05/06/14 23:31	1
1,2,4-Trimethylbenzene	**20**		0.20	0.014	ppb v/v			05/06/14 23:31	1
1,2-Dibromoethane	ND		0.20	0.020	ppb v/v			05/06/14 23:31	1
1,2-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/06/14 23:31	1
1,2-Dichloroethane	ND		0.20	0.017	ppb v/v			05/06/14 23:31	1
1,2-Dichloropropane	ND		0.20	0.032	ppb v/v			05/06/14 23:31	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.035	ppb v/v			05/06/14 23:31	1
1,3,5-Trimethylbenzene	**7.0**		0.20	0.012	ppb v/v			05/06/14 23:31	1
1,3-Butadiene	ND		0.20	0.042	ppb v/v			05/06/14 23:31	1
1,3-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/06/14 23:31	1
1,4-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/06/14 23:31	1
1,4-Dioxane	ND		5.0	0.20	ppb v/v			05/06/14 23:31	1
2,2,4-Trimethylpentane	ND		0.20	0.027	ppb v/v			05/06/14 23:31	1
2-Chlorotoluene	ND		0.20	0.013	ppb v/v			05/06/14 23:31	1
3-Chloropropene	ND		0.50	0.034	ppb v/v			05/06/14 23:31	1
4-Ethyltoluene	**6.1**		0.20	0.018	ppb v/v			05/06/14 23:31	1
4-Isopropyltoluene	**0.19**	**J**	0.20	0.080	ppb v/v			05/06/14 23:31	1
Acetone	**9.3**		5.0	1.3	ppb v/v			05/06/14 23:31	1
Benzene	**0.11**	**J**	0.20	0.019	ppb v/v			05/06/14 23:31	1
Benzyl chloride	ND		0.20	0.080	ppb v/v			05/06/14 23:31	1
Bromodichloromethane	ND		0.20	0.017	ppb v/v			05/06/14 23:31	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.030	ppb v/v			05/06/14 23:31	1
Bromoform	ND		0.20	0.010	ppb v/v			05/06/14 23:31	1
Bromomethane	ND		0.20	0.028	ppb v/v			05/06/14 23:31	1
Carbon disulfide	ND		0.50	0.066	ppb v/v			05/06/14 23:31	1
Carbon tetrachloride	**0.069**	**J**	0.20	0.021	ppb v/v			05/06/14 23:31	1
Chlorobenzene	ND		0.20	0.0081	ppb v/v			05/06/14 23:31	1
Chloroethane	ND		0.50	0.030	ppb v/v			05/06/14 23:31	1
Chloroform	ND		0.20	0.025	ppb v/v			05/06/14 23:31	1
Chloromethane	ND		0.50	0.14	ppb v/v			05/06/14 23:31	1
cis-1,2-Dichloroethene	**0.47**		0.20	0.038	ppb v/v			05/06/14 23:31	1
cis-1,3-Dichloropropene	ND		0.20	0.028	ppb v/v			05/06/14 23:31	1
Cumene	ND		0.20	0.016	ppb v/v			05/06/14 23:31	1
Cyclohexane	ND		0.20	0.025	ppb v/v			05/06/14 23:31	1
Dibromochloromethane	ND		0.20	0.020	ppb v/v			05/06/14 23:31	1
Dichlorodifluoromethane	**0.47**	**J**	0.50	0.030	ppb v/v			05/06/14 23:31	1
Ethylbenzene	**0.13**	**J**	0.20	0.013	ppb v/v			05/06/14 23:31	1
Freon 22	**2.1**		0.50	0.048	ppb v/v			05/06/14 23:31	1
Freon TF	**0.11**	**J**	0.20	0.018	ppb v/v			05/06/14 23:31	1
Hexachlorobutadiene	ND		0.20	0.022	ppb v/v			05/06/14 23:31	1
Isopropyl alcohol	**200**	**E**	5.0	0.22	ppb v/v			05/06/14 23:31	1
m,p-Xylene	**0.60**		0.50	0.023	ppb v/v			05/06/14 23:31	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.20	ppb v/v			05/06/14 23:31	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0922
Date Collected: 05/02/14 17:43
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-12
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone	**0.78**		0.50	0.24	ppb v/v			05/06/14 23:31	1
methyl isobutyl ketone	ND		0.50	0.027	ppb v/v			05/06/14 23:31	1
Methyl methacrylate	ND		0.50	0.030	ppb v/v			05/06/14 23:31	1
Methyl tert-butyl ether	ND		0.20	0.022	ppb v/v			05/06/14 23:31	1
Methylene Chloride	**0.25**	**J**	0.50	0.13	ppb v/v			05/06/14 23:31	1
Naphthalene	ND		0.50	0.20	ppb v/v			05/06/14 23:31	1
n-Butylbenzene	ND		0.20	0.080	ppb v/v			05/06/14 23:31	1
n-Heptane	ND		0.20	0.046	ppb v/v			05/06/14 23:31	1
n-Hexane	**0.089**	**J**	0.20	0.034	ppb v/v			05/06/14 23:31	1
sec-Butylbenzene	ND		0.20	0.080	ppb v/v			05/06/14 23:31	1
Styrene	ND		0.20	0.018	ppb v/v			05/06/14 23:31	1
tert-Butyl alcohol	ND		5.0	0.33	ppb v/v			05/06/14 23:31	1
tert-Butylbenzene	ND		0.20	0.017	ppb v/v			05/06/14 23:31	1
Tetrachloroethene	**0.035**	**J**	0.20	0.016	ppb v/v			05/06/14 23:31	1
Tetrahydrofuran	ND		5.0	0.046	ppb v/v			05/06/14 23:31	1
Toluene	**0.71**		0.20	0.017	ppb v/v			05/06/14 23:31	1
trans-1,2-Dichloroethene	ND		0.20	0.029	ppb v/v			05/06/14 23:31	1
trans-1,3-Dichloropropene	ND		0.20	0.022	ppb v/v			05/06/14 23:31	1
Trichloroethene	**0.60**		0.20	0.024	ppb v/v			05/06/14 23:31	1
Trichlorofluoromethane	**0.22**		0.20	0.030	ppb v/v			05/06/14 23:31	1
Vinyl chloride	**0.16**	**J**	0.20	0.038	ppb v/v			05/06/14 23:31	1
Xylene (total)	**1.6**		0.20	0.034	ppb v/v			05/06/14 23:31	1
Xylene, o-	**0.98**		0.20	0.016	ppb v/v			05/06/14 23:31	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	0.11	ug/m3			05/06/14 23:31	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.11	ug/m3			05/06/14 23:31	1
1,1,2-Trichloroethane	ND		1.1	0.093	ug/m3			05/06/14 23:31	1
1,1-Dichloroethane	ND		0.81	0.15	ug/m3			05/06/14 23:31	1
1,1-Dichloroethene	ND		0.79	0.095	ug/m3			05/06/14 23:31	1
1,2,4-Trichlorobenzene	ND		3.7	0.20	ug/m3			05/06/14 23:31	1
1,2,4-Trimethylbenzene	**98**		0.98	0.069	ug/m3			05/06/14 23:31	1
1,2-Dibromoethane	ND		1.5	0.15	ug/m3			05/06/14 23:31	1
1,2-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/06/14 23:31	1
1,2-Dichloroethane	ND		0.81	0.069	ug/m3			05/06/14 23:31	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			05/06/14 23:31	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.24	ug/m3			05/06/14 23:31	1
1,3,5-Trimethylbenzene	**35**		0.98	0.059	ug/m3			05/06/14 23:31	1
1,3-Butadiene	ND		0.44	0.093	ug/m3			05/06/14 23:31	1
1,3-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/06/14 23:31	1
1,4-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/06/14 23:31	1
1,4-Dioxane	ND		18	0.72	ug/m3			05/06/14 23:31	1
2,2,4-Trimethylpentane	ND		0.93	0.13	ug/m3			05/06/14 23:31	1
2-Chlorotoluene	ND		1.0	0.067	ug/m3			05/06/14 23:31	1
3-Chloropropene	ND		1.6	0.11	ug/m3			05/06/14 23:31	1
4-Ethyltoluene	**30**		0.98	0.088	ug/m3			05/06/14 23:31	1
4-Isopropyltoluene	**1.0**	**J**	1.1	0.44	ug/m3			05/06/14 23:31	1
Acetone	**22**		12	3.0	ug/m3			05/06/14 23:31	1
Benzene	**0.35**	**J**	0.64	0.061	ug/m3			05/06/14 23:31	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0922
Date Collected: 05/02/14 17:43
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-12
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		1.0	0.41	ug/m3			05/06/14 23:31	1
Bromodichloromethane	ND		1.3	0.11	ug/m3			05/06/14 23:31	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.13	ug/m3			05/06/14 23:31	1
Bromoform	ND		2.1	0.10	ug/m3			05/06/14 23:31	1
Bromomethane	ND		0.78	0.11	ug/m3			05/06/14 23:31	1
Carbon disulfide	ND		1.6	0.21	ug/m3			05/06/14 23:31	1
Carbon tetrachloride	**0.44**	**J**	1.3	0.13	ug/m3			05/06/14 23:31	1
Chlorobenzene	ND		0.92	0.037	ug/m3			05/06/14 23:31	1
Chloroethane	ND		1.3	0.079	ug/m3			05/06/14 23:31	1
Chloroform	ND		0.98	0.12	ug/m3			05/06/14 23:31	1
Chloromethane	ND		1.0	0.28	ug/m3			05/06/14 23:31	1
cis-1,2-Dichloroethene	**1.9**		0.79	0.15	ug/m3			05/06/14 23:31	1
cis-1,3-Dichloropropene	ND		0.91	0.13	ug/m3			05/06/14 23:31	1
Cumene	ND		0.98	0.079	ug/m3			05/06/14 23:31	1
Cyclohexane	ND		0.69	0.086	ug/m3			05/06/14 23:31	1
Dibromochloromethane	ND		1.7	0.17	ug/m3			05/06/14 23:31	1
Dichlorodifluoromethane	**2.3**	**J**	2.5	0.15	ug/m3			05/06/14 23:31	1
Ethylbenzene	**0.58**	**J**	0.87	0.056	ug/m3			05/06/14 23:31	1
Freon 22	**7.3**		1.8	0.17	ug/m3			05/06/14 23:31	1
Freon TF	**0.82**	**J**	1.5	0.14	ug/m3			05/06/14 23:31	1
Hexachlorobutadiene	ND		2.1	0.23	ug/m3			05/06/14 23:31	1
Isopropyl alcohol	**480**	**E**	12	0.53	ug/m3			05/06/14 23:31	1
m,p-Xylene	**2.6**		2.2	0.10	ug/m3			05/06/14 23:31	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			05/06/14 23:31	1
Methyl Ethyl Ketone	**2.3**		1.5	0.71	ug/m3			05/06/14 23:31	1
methyl isobutyl ketone	ND		2.0	0.11	ug/m3			05/06/14 23:31	1
Methyl methacrylate	ND		2.0	0.12	ug/m3			05/06/14 23:31	1
Methyl tert-butyl ether	ND		0.72	0.079	ug/m3			05/06/14 23:31	1
Methylene Chloride	**0.86**	**J**	1.7	0.43	ug/m3			05/06/14 23:31	1
Naphthalene	ND		2.6	1.0	ug/m3			05/06/14 23:31	1
n-Butylbenzene	ND		1.1	0.44	ug/m3			05/06/14 23:31	1
n-Heptane	ND		0.82	0.19	ug/m3			05/06/14 23:31	1
n-Hexane	**0.32**	**J**	0.70	0.12	ug/m3			05/06/14 23:31	1
sec-Butylbenzene	ND		1.1	0.44	ug/m3			05/06/14 23:31	1
Styrene	ND		0.85	0.077	ug/m3			05/06/14 23:31	1
tert-Butyl alcohol	ND		15	0.99	ug/m3			05/06/14 23:31	1
tert-Butylbenzene	ND		1.1	0.093	ug/m3			05/06/14 23:31	1
Tetrachloroethene	**0.24**	**J**	1.4	0.11	ug/m3			05/06/14 23:31	1
Tetrahydrofuran	ND		15	0.14	ug/m3			05/06/14 23:31	1
Toluene	**2.7**		0.75	0.064	ug/m3			05/06/14 23:31	1
trans-1,2-Dichloroethene	ND		0.79	0.11	ug/m3			05/06/14 23:31	1
trans-1,3-Dichloropropene	ND		0.91	0.10	ug/m3			05/06/14 23:31	1
Trichloroethene	**3.2**		1.1	0.13	ug/m3			05/06/14 23:31	1
Trichlorofluoromethane	**1.2**		1.1	0.17	ug/m3			05/06/14 23:31	1
Vinyl chloride	**0.41**	**J**	0.51	0.097	ug/m3			05/06/14 23:31	1
Xylene (total)	**6.9**		0.87	0.15	ug/m3			05/06/14 23:31	1
Xylene, o-	**4.2**		0.87	0.069	ug/m3			05/06/14 23:31	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0950
Date Collected: 05/02/14 17:53
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-13
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20	0.021	ppb v/v			05/07/14 00:23	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.016	ppb v/v			05/07/14 00:23	1
1,1,2-Trichloroethane	ND		0.20	0.017	ppb v/v			05/07/14 00:23	1
1,1-Dichloroethane	ND		0.20	0.038	ppb v/v			05/07/14 00:23	1
1,1-Dichloroethene	ND		0.20	0.024	ppb v/v			05/07/14 00:23	1
1,2,4-Trichlorobenzene	ND		0.50	0.027	ppb v/v			05/07/14 00:23	1
1,2,4-Trimethylbenzene	**42**	**E**	0.20	0.014	ppb v/v			05/07/14 00:23	1
1,2-Dibromoethane	ND		0.20	0.020	ppb v/v			05/07/14 00:23	1
1,2-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/07/14 00:23	1
1,2-Dichloroethane	ND		0.20	0.017	ppb v/v			05/07/14 00:23	1
1,2-Dichloropropane	ND		0.20	0.032	ppb v/v			05/07/14 00:23	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.035	ppb v/v			05/07/14 00:23	1
1,3,5-Trimethylbenzene	**20**		0.20	0.012	ppb v/v			05/07/14 00:23	1
1,3-Butadiene	ND		0.20	0.042	ppb v/v			05/07/14 00:23	1
1,3-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/07/14 00:23	1
1,4-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/07/14 00:23	1
1,4-Dioxane	ND		5.0	0.20	ppb v/v			05/07/14 00:23	1
2,2,4-Trimethylpentane	ND		0.20	0.027	ppb v/v			05/07/14 00:23	1
2-Chlorotoluene	ND		0.20	0.013	ppb v/v			05/07/14 00:23	1
3-Chloropropene	ND		0.50	0.034	ppb v/v			05/07/14 00:23	1
4-Ethyltoluene	**18**		0.20	0.018	ppb v/v			05/07/14 00:23	1
4-Isopropyltoluene	**0.62**		0.20	0.080	ppb v/v			05/07/14 00:23	1
Acetone	**1.6**	**J**	5.0	1.3	ppb v/v			05/07/14 00:23	1
Benzene	**0.083**	**J**	0.20	0.019	ppb v/v			05/07/14 00:23	1
Benzyl chloride	ND		0.20	0.080	ppb v/v			05/07/14 00:23	1
Bromodichloromethane	ND		0.20	0.017	ppb v/v			05/07/14 00:23	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.030	ppb v/v			05/07/14 00:23	1
Bromoform	ND		0.20	0.010	ppb v/v			05/07/14 00:23	1
Bromomethane	ND		0.20	0.028	ppb v/v			05/07/14 00:23	1
Carbon disulfide	ND		0.50	0.066	ppb v/v			05/07/14 00:23	1
Carbon tetrachloride	**0.068**	**J**	0.20	0.021	ppb v/v			05/07/14 00:23	1
Chlorobenzene	ND		0.20	0.0081	ppb v/v			05/07/14 00:23	1
Chloroethane	ND		0.50	0.030	ppb v/v			05/07/14 00:23	1
Chloroform	ND		0.20	0.025	ppb v/v			05/07/14 00:23	1
Chloromethane	ND		0.50	0.14	ppb v/v			05/07/14 00:23	1
cis-1,2-Dichloroethene	ND		0.20	0.038	ppb v/v			05/07/14 00:23	1
cis-1,3-Dichloropropene	ND		0.20	0.028	ppb v/v			05/07/14 00:23	1
Cumene	**2.5**		0.20	0.016	ppb v/v			05/07/14 00:23	1
Cyclohexane	ND		0.20	0.025	ppb v/v			05/07/14 00:23	1
Dibromochloromethane	ND		0.20	0.020	ppb v/v			05/07/14 00:23	1
Dichlorodifluoromethane	**0.44**	**J**	0.50	0.030	ppb v/v			05/07/14 00:23	1
Ethylbenzene	ND		0.20	0.013	ppb v/v			05/07/14 00:23	1
Freon 22	**0.57**		0.50	0.048	ppb v/v			05/07/14 00:23	1
Freon TF	**0.063**	**J**	0.20	0.018	ppb v/v			05/07/14 00:23	1
Hexachlorobutadiene	ND		0.20	0.022	ppb v/v			05/07/14 00:23	1
Isopropyl alcohol	**21**		5.0	0.22	ppb v/v			05/07/14 00:23	1
m,p-Xylene	**1.4**		0.50	0.023	ppb v/v			05/07/14 00:23	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.20	ppb v/v			05/07/14 00:23	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0950
Date Collected: 05/02/14 17:53
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-13
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone	ND		0.50	0.24	ppb v/v			05/07/14 00:23	1
methyl isobutyl ketone	ND		0.50	0.027	ppb v/v			05/07/14 00:23	1
Methyl methacrylate	ND		0.50	0.030	ppb v/v			05/07/14 00:23	1
Methyl tert-butyl ether	ND		0.20	0.022	ppb v/v			05/07/14 00:23	1
Methylene Chloride	ND		0.50	0.13	ppb v/v			05/07/14 00:23	1
Naphthalene	ND		0.50	0.20	ppb v/v			05/07/14 00:23	1
n-Butylbenzene	ND		0.20	0.080	ppb v/v			05/07/14 00:23	1
n-Heptane	**0.099**	**J**	0.20	0.046	ppb v/v			05/07/14 00:23	1
n-Hexane	ND		0.20	0.034	ppb v/v			05/07/14 00:23	1
sec-Butylbenzene	ND		0.20	0.080	ppb v/v			05/07/14 00:23	1
Styrene	ND		0.20	0.018	ppb v/v			05/07/14 00:23	1
tert-Butyl alcohol	ND		5.0	0.33	ppb v/v			05/07/14 00:23	1
tert-Butylbenzene	ND		0.20	0.017	ppb v/v			05/07/14 00:23	1
Tetrachloroethene	ND		0.20	0.016	ppb v/v			05/07/14 00:23	1
Tetrahydrofuran	ND		5.0	0.046	ppb v/v			05/07/14 00:23	1
Toluene	**2.3**		0.20	0.017	ppb v/v			05/07/14 00:23	1
trans-1,2-Dichloroethene	ND		0.20	0.029	ppb v/v			05/07/14 00:23	1
trans-1,3-Dichloropropene	ND		0.20	0.022	ppb v/v			05/07/14 00:23	1
Trichloroethene	**0.025**	**J**	0.20	0.024	ppb v/v			05/07/14 00:23	1
Trichlorofluoromethane	**0.22**		0.20	0.030	ppb v/v			05/07/14 00:23	1
Vinyl chloride	ND		0.20	0.038	ppb v/v			05/07/14 00:23	1
Xylene (total)	**5.4**		0.20	0.034	ppb v/v			05/07/14 00:23	1
Xylene, o-	**4.0**		0.20	0.016	ppb v/v			05/07/14 00:23	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	0.11	ug/m3			05/07/14 00:23	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.11	ug/m3			05/07/14 00:23	1
1,1,2-Trichloroethane	ND		1.1	0.093	ug/m3			05/07/14 00:23	1
1,1-Dichloroethane	ND		0.81	0.15	ug/m3			05/07/14 00:23	1
1,1-Dichloroethene	ND		0.79	0.095	ug/m3			05/07/14 00:23	1
1,2,4-Trichlorobenzene	ND		3.7	0.20	ug/m3			05/07/14 00:23	1
1,2,4-Trimethylbenzene	**210**	**E**	0.98	0.069	ug/m3			05/07/14 00:23	1
1,2-Dibromoethane	ND		1.5	0.15	ug/m3			05/07/14 00:23	1
1,2-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/07/14 00:23	1
1,2-Dichloroethane	ND		0.81	0.069	ug/m3			05/07/14 00:23	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			05/07/14 00:23	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.24	ug/m3			05/07/14 00:23	1
1,3,5-Trimethylbenzene	**99**		0.98	0.059	ug/m3			05/07/14 00:23	1
1,3-Butadiene	ND		0.44	0.093	ug/m3			05/07/14 00:23	1
1,3-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/07/14 00:23	1
1,4-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/07/14 00:23	1
1,4-Dioxane	ND		18	0.72	ug/m3			05/07/14 00:23	1
2,2,4-Trimethylpentane	ND		0.93	0.13	ug/m3			05/07/14 00:23	1
2-Chlorotoluene	ND		1.0	0.067	ug/m3			05/07/14 00:23	1
3-Chloropropene	ND		1.6	0.11	ug/m3			05/07/14 00:23	1
4-Ethyltoluene	**87**		0.98	0.088	ug/m3			05/07/14 00:23	1
4-Isopropyltoluene	**3.4**		1.1	0.44	ug/m3			05/07/14 00:23	1
Acetone	**3.9**	**J**	12	3.0	ug/m3			05/07/14 00:23	1
Benzene	**0.26**	**J**	0.64	0.061	ug/m3			05/07/14 00:23	1

Client Sample ID: 2288-050214-0950
Lab Sample ID: 480-59199-13
Date Collected: 05/02/14 17:53
Matrix: Air
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		1.0	0.41	ug/m3			05/07/14 00:23	1
Bromodichloromethane	ND		1.3	0.11	ug/m3			05/07/14 00:23	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.13	ug/m3			05/07/14 00:23	1
Bromoform	ND		2.1	0.10	ug/m3			05/07/14 00:23	1
Bromomethane	ND		0.78	0.11	ug/m3			05/07/14 00:23	1
Carbon disulfide	ND		1.6	0.21	ug/m3			05/07/14 00:23	1
Carbon tetrachloride	**0.43**	**J**	1.3	0.13	ug/m3			05/07/14 00:23	1
Chlorobenzene	ND		0.92	0.037	ug/m3			05/07/14 00:23	1
Chloroethane	ND		1.3	0.079	ug/m3			05/07/14 00:23	1
Chloroform	ND		0.98	0.12	ug/m3			05/07/14 00:23	1
Chloromethane	ND		1.0	0.28	ug/m3			05/07/14 00:23	1
cis-1,2-Dichloroethene	ND		0.79	0.15	ug/m3			05/07/14 00:23	1
cis-1,3-Dichloropropene	ND		0.91	0.13	ug/m3			05/07/14 00:23	1
Cumene	**12**		0.98	0.079	ug/m3			05/07/14 00:23	1
Cyclohexane	ND		0.69	0.086	ug/m3			05/07/14 00:23	1
Dibromochloromethane	ND		1.7	0.17	ug/m3			05/07/14 00:23	1
Dichlorodifluoromethane	**2.2**	**J**	2.5	0.15	ug/m3			05/07/14 00:23	1
Ethylbenzene	ND		0.87	0.056	ug/m3			05/07/14 00:23	1
Freon 22	**2.0**		1.8	0.17	ug/m3			05/07/14 00:23	1
Freon TF	**0.48**	**J**	1.5	0.14	ug/m3			05/07/14 00:23	1
Hexachlorobutadiene	ND		2.1	0.23	ug/m3			05/07/14 00:23	1
Isopropyl alcohol	**52**		12	0.53	ug/m3			05/07/14 00:23	1
m,p-Xylene	**6.1**		2.2	0.10	ug/m3			05/07/14 00:23	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			05/07/14 00:23	1
Methyl Ethyl Ketone	ND		1.5	0.71	ug/m3			05/07/14 00:23	1
methyl isobutyl ketone	ND		2.0	0.11	ug/m3			05/07/14 00:23	1
Methyl methacrylate	ND		2.0	0.12	ug/m3			05/07/14 00:23	1
Methyl tert-butyl ether	ND		0.72	0.079	ug/m3			05/07/14 00:23	1
Methylene Chloride	ND		1.7	0.43	ug/m3			05/07/14 00:23	1
Naphthalene	ND		2.6	1.0	ug/m3			05/07/14 00:23	1
n-Butylbenzene	ND		1.1	0.44	ug/m3			05/07/14 00:23	1
n-Heptane	**0.40**	**J**	0.82	0.19	ug/m3			05/07/14 00:23	1
n-Hexane	ND		0.70	0.12	ug/m3			05/07/14 00:23	1
sec-Butylbenzene	ND		1.1	0.44	ug/m3			05/07/14 00:23	1
Styrene	ND		0.85	0.077	ug/m3			05/07/14 00:23	1
tert-Butyl alcohol	ND		15	0.99	ug/m3			05/07/14 00:23	1
tert-Butylbenzene	ND		1.1	0.093	ug/m3			05/07/14 00:23	1
Tetrachloroethene	ND		1.4	0.11	ug/m3			05/07/14 00:23	1
Tetrahydrofuran	ND		15	0.14	ug/m3			05/07/14 00:23	1
Toluene	**8.6**		0.75	0.064	ug/m3			05/07/14 00:23	1
trans-1,2-Dichloroethene	ND		0.79	0.11	ug/m3			05/07/14 00:23	1
trans-1,3-Dichloropropene	ND		0.91	0.10	ug/m3			05/07/14 00:23	1
Trichloroethene	**0.13**	**J**	1.1	0.13	ug/m3			05/07/14 00:23	1
Trichlorofluoromethane	**1.3**		1.1	0.17	ug/m3			05/07/14 00:23	1
Vinyl chloride	ND		0.51	0.097	ug/m3			05/07/14 00:23	1
Xylene (total)	**23**		0.87	0.15	ug/m3			05/07/14 00:23	1
Xylene, o-	**17**		0.87	0.069	ug/m3			05/07/14 00:23	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-1005
Date Collected: 05/02/14 17:56
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-14
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20	0.021	ppb v/v			05/07/14 01:15	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.016	ppb v/v			05/07/14 01:15	1
1,1,2-Trichloroethane	ND		0.20	0.017	ppb v/v			05/07/14 01:15	1
1,1-Dichloroethane	ND		0.20	0.038	ppb v/v			05/07/14 01:15	1
1,1-Dichloroethene	ND		0.20	0.024	ppb v/v			05/07/14 01:15	1
1,2,4-Trichlorobenzene	ND		0.50	0.027	ppb v/v			05/07/14 01:15	1
1,2,4-Trimethylbenzene	**8.6**		0.20	0.014	ppb v/v			05/07/14 01:15	1
1,2-Dibromoethane	ND		0.20	0.020	ppb v/v			05/07/14 01:15	1
1,2-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/07/14 01:15	1
1,2-Dichloroethane	ND		0.20	0.017	ppb v/v			05/07/14 01:15	1
1,2-Dichloropropane	ND		0.20	0.032	ppb v/v			05/07/14 01:15	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.035	ppb v/v			05/07/14 01:15	1
1,3,5-Trimethylbenzene	**3.2**		0.20	0.012	ppb v/v			05/07/14 01:15	1
1,3-Butadiene	ND		0.20	0.042	ppb v/v			05/07/14 01:15	1
1,3-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/07/14 01:15	1
1,4-Dichlorobenzene	**0.034**	**J**	0.20	0.014	ppb v/v			05/07/14 01:15	1
1,4-Dioxane	**2.8**	**J**	5.0	0.20	ppb v/v			05/07/14 01:15	1
2,2,4-Trimethylpentane	ND		0.20	0.027	ppb v/v			05/07/14 01:15	1
2-Chlorotoluene	ND		0.20	0.013	ppb v/v			05/07/14 01:15	1
3-Chloropropene	ND		0.50	0.034	ppb v/v			05/07/14 01:15	1
4-Ethyltoluene	**3.0**		0.20	0.018	ppb v/v			05/07/14 01:15	1
4-Isopropyltoluene	**0.10**	**J**	0.20	0.080	ppb v/v			05/07/14 01:15	1
Acetone	**19**		5.0	1.3	ppb v/v			05/07/14 01:15	1
Benzene	**0.17**	**J**	0.20	0.019	ppb v/v			05/07/14 01:15	1
Benzyl chloride	ND		0.20	0.080	ppb v/v			05/07/14 01:15	1
Bromodichloromethane	ND		0.20	0.017	ppb v/v			05/07/14 01:15	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.030	ppb v/v			05/07/14 01:15	1
Bromoform	ND		0.20	0.010	ppb v/v			05/07/14 01:15	1
Bromomethane	ND		0.20	0.028	ppb v/v			05/07/14 01:15	1
Carbon disulfide	ND		0.50	0.066	ppb v/v			05/07/14 01:15	1
Carbon tetrachloride	**0.069**	**J**	0.20	0.021	ppb v/v			05/07/14 01:15	1
Chlorobenzene	ND		0.20	0.0081	ppb v/v			05/07/14 01:15	1
Chloroethane	ND		0.50	0.030	ppb v/v			05/07/14 01:15	1
Chloroform	ND		0.20	0.025	ppb v/v			05/07/14 01:15	1
Chloromethane	**0.84**		0.50	0.14	ppb v/v			05/07/14 01:15	1
cis-1,2-Dichloroethene	ND		0.20	0.038	ppb v/v			05/07/14 01:15	1
cis-1,3-Dichloropropene	ND		0.20	0.028	ppb v/v			05/07/14 01:15	1
Cumene	ND		0.20	0.016	ppb v/v			05/07/14 01:15	1
Cyclohexane	ND		0.20	0.025	ppb v/v			05/07/14 01:15	1
Dibromochloromethane	ND		0.20	0.020	ppb v/v			05/07/14 01:15	1
Dichlorodifluoromethane	**0.45**	**J**	0.50	0.030	ppb v/v			05/07/14 01:15	1
Ethylbenzene	ND		0.20	0.013	ppb v/v			05/07/14 01:15	1
Freon 22	**1.7**		0.50	0.048	ppb v/v			05/07/14 01:15	1
Freon TF	**0.067**	**J**	0.20	0.018	ppb v/v			05/07/14 01:15	1
Hexachlorobutadiene	ND		0.20	0.022	ppb v/v			05/07/14 01:15	1
Isopropyl alcohol	**160**	**E**	5.0	0.22	ppb v/v			05/07/14 01:15	1
m,p-Xylene	**0.27**	**J**	0.50	0.023	ppb v/v			05/07/14 01:15	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.20	ppb v/v			05/07/14 01:15	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-1005
Date Collected: 05/02/14 17:56
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-14
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone	**1.7**		0.50	0.24	ppb v/v			05/07/14 01:15	1
methyl isobutyl ketone	**0.093**	**J**	0.50	0.027	ppb v/v			05/07/14 01:15	1
Methyl methacrylate	ND		0.50	0.030	ppb v/v			05/07/14 01:15	1
Methyl tert-butyl ether	ND		0.20	0.022	ppb v/v			05/07/14 01:15	1
Methylene Chloride	ND		0.50	0.13	ppb v/v			05/07/14 01:15	1
Naphthalene	ND		0.50	0.20	ppb v/v			05/07/14 01:15	1
n-Butylbenzene	ND		0.20	0.080	ppb v/v			05/07/14 01:15	1
n-Heptane	ND		0.20	0.046	ppb v/v			05/07/14 01:15	1
n-Hexane	ND		0.20	0.034	ppb v/v			05/07/14 01:15	1
sec-Butylbenzene	ND		0.20	0.080	ppb v/v			05/07/14 01:15	1
Styrene	ND		0.20	0.018	ppb v/v			05/07/14 01:15	1
tert-Butyl alcohol	ND		5.0	0.33	ppb v/v			05/07/14 01:15	1
tert-Butylbenzene	ND		0.20	0.017	ppb v/v			05/07/14 01:15	1
Tetrachloroethene	ND		0.20	0.016	ppb v/v			05/07/14 01:15	1
Tetrahydrofuran	**0.70**	**J**	5.0	0.046	ppb v/v			05/07/14 01:15	1
Toluene	**0.36**		0.20	0.017	ppb v/v			05/07/14 01:15	1
trans-1,2-Dichloroethene	ND		0.20	0.029	ppb v/v			05/07/14 01:15	1
trans-1,3-Dichloropropene	ND		0.20	0.022	ppb v/v			05/07/14 01:15	1
Trichloroethene	**0.034**	**J**	0.20	0.024	ppb v/v			05/07/14 01:15	1
Trichlorofluoromethane	**0.26**		0.20	0.030	ppb v/v			05/07/14 01:15	1
Vinyl chloride	ND		0.20	0.038	ppb v/v			05/07/14 01:15	1
Xylene (total)	**0.77**		0.20	0.034	ppb v/v			05/07/14 01:15	1
Xylene, o-	**0.50**		0.20	0.016	ppb v/v			05/07/14 01:15	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	0.11	ug/m3			05/07/14 01:15	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.11	ug/m3			05/07/14 01:15	1
1,1,2-Trichloroethane	ND		1.1	0.093	ug/m3			05/07/14 01:15	1
1,1-Dichloroethane	ND		0.81	0.15	ug/m3			05/07/14 01:15	1
1,1-Dichloroethene	ND		0.79	0.095	ug/m3			05/07/14 01:15	1
1,2,4-Trichlorobenzene	ND		3.7	0.20	ug/m3			05/07/14 01:15	1
1,2,4-Trimethylbenzene	**42**		0.98	0.069	ug/m3			05/07/14 01:15	1
1,2-Dibromoethane	ND		1.5	0.15	ug/m3			05/07/14 01:15	1
1,2-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/07/14 01:15	1
1,2-Dichloroethane	ND		0.81	0.069	ug/m3			05/07/14 01:15	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			05/07/14 01:15	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.24	ug/m3			05/07/14 01:15	1
1,3,5-Trimethylbenzene	**16**		0.98	0.059	ug/m3			05/07/14 01:15	1
1,3-Butadiene	ND		0.44	0.093	ug/m3			05/07/14 01:15	1
1,3-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/07/14 01:15	1
1,4-Dichlorobenzene	**0.20**	**J**	1.2	0.084	ug/m3			05/07/14 01:15	1
1,4-Dioxane	**10**	**J**	18	0.72	ug/m3			05/07/14 01:15	1
2,2,4-Trimethylpentane	ND		0.93	0.13	ug/m3			05/07/14 01:15	1
2-Chlorotoluene	ND		1.0	0.067	ug/m3			05/07/14 01:15	1
3-Chloropropene	ND		1.6	0.11	ug/m3			05/07/14 01:15	1
4-Ethyltoluene	**15**		0.98	0.088	ug/m3			05/07/14 01:15	1
4-Isopropyltoluene	**0.56**	**J**	1.1	0.44	ug/m3			05/07/14 01:15	1
Acetone	**44**		12	3.0	ug/m3			05/07/14 01:15	1
Benzene	**0.54**	**J**	0.64	0.061	ug/m3			05/07/14 01:15	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-1005
Date Collected: 05/02/14 17:56
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-14
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		1.0	0.41	ug/m3			05/07/14 01:15	1
Bromodichloromethane	ND		1.3	0.11	ug/m3			05/07/14 01:15	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.13	ug/m3			05/07/14 01:15	1
Bromoform	ND		2.1	0.10	ug/m3			05/07/14 01:15	1
Bromomethane	ND		0.78	0.11	ug/m3			05/07/14 01:15	1
Carbon disulfide	ND		1.6	0.21	ug/m3			05/07/14 01:15	1
Carbon tetrachloride	**0.44**	**J**	1.3	0.13	ug/m3			05/07/14 01:15	1
Chlorobenzene	ND		0.92	0.037	ug/m3			05/07/14 01:15	1
Chloroethane	ND		1.3	0.079	ug/m3			05/07/14 01:15	1
Chloroform	ND		0.98	0.12	ug/m3			05/07/14 01:15	1
Chloromethane	**1.7**		1.0	0.28	ug/m3			05/07/14 01:15	1
cis-1,2-Dichloroethene	ND		0.79	0.15	ug/m3			05/07/14 01:15	1
cis-1,3-Dichloropropene	ND		0.91	0.13	ug/m3			05/07/14 01:15	1
Cumene	ND		0.98	0.079	ug/m3			05/07/14 01:15	1
Cyclohexane	ND		0.69	0.086	ug/m3			05/07/14 01:15	1
Dibromochloromethane	ND		1.7	0.17	ug/m3			05/07/14 01:15	1
Dichlorodifluoromethane	**2.2**	**J**	2.5	0.15	ug/m3			05/07/14 01:15	1
Ethylbenzene	ND		0.87	0.056	ug/m3			05/07/14 01:15	1
Freon 22	**5.9**		1.8	0.17	ug/m3			05/07/14 01:15	1
Freon TF	**0.51**	**J**	1.5	0.14	ug/m3			05/07/14 01:15	1
Hexachlorobutadiene	ND		2.1	0.23	ug/m3			05/07/14 01:15	1
Isopropyl alcohol	**390**	**E**	12	0.53	ug/m3			05/07/14 01:15	1
m,p-Xylene	**1.2**	**J**	2.2	0.10	ug/m3			05/07/14 01:15	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			05/07/14 01:15	1
Methyl Ethyl Ketone	**4.9**		1.5	0.71	ug/m3			05/07/14 01:15	1
methyl isobutyl ketone	**0.38**	**J**	2.0	0.11	ug/m3			05/07/14 01:15	1
Methyl methacrylate	ND		2.0	0.12	ug/m3			05/07/14 01:15	1
Methyl tert-butyl ether	ND		0.72	0.079	ug/m3			05/07/14 01:15	1
Methylene Chloride	ND		1.7	0.43	ug/m3			05/07/14 01:15	1
Naphthalene	ND		2.6	1.0	ug/m3			05/07/14 01:15	1
n-Butylbenzene	ND		1.1	0.44	ug/m3			05/07/14 01:15	1
n-Heptane	ND		0.82	0.19	ug/m3			05/07/14 01:15	1
n-Hexane	ND		0.70	0.12	ug/m3			05/07/14 01:15	1
sec-Butylbenzene	ND		1.1	0.44	ug/m3			05/07/14 01:15	1
Styrene	ND		0.85	0.077	ug/m3			05/07/14 01:15	1
tert-Butyl alcohol	ND		15	0.99	ug/m3			05/07/14 01:15	1
tert-Butylbenzene	ND		1.1	0.093	ug/m3			05/07/14 01:15	1
Tetrachloroethene	ND		1.4	0.11	ug/m3			05/07/14 01:15	1
Tetrahydrofuran	**2.1**	**J**	15	0.14	ug/m3			05/07/14 01:15	1
Toluene	**1.3**		0.75	0.064	ug/m3			05/07/14 01:15	1
trans-1,2-Dichloroethene	ND		0.79	0.11	ug/m3			05/07/14 01:15	1
trans-1,3-Dichloropropene	ND		0.91	0.10	ug/m3			05/07/14 01:15	1
Trichloroethene	**0.18**	**J**	1.1	0.13	ug/m3			05/07/14 01:15	1
Trichlorofluoromethane	**1.5**		1.1	0.17	ug/m3			05/07/14 01:15	1
Vinyl chloride	ND		0.51	0.097	ug/m3			05/07/14 01:15	1
Xylene (total)	**3.3**		0.87	0.15	ug/m3			05/07/14 01:15	1
Xylene, o-	**2.2**		0.87	0.069	ug/m3			05/07/14 01:15	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-1011
Date Collected: 05/02/14 17:26
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-15
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20	0.021	ppb v/v			05/09/14 09:15	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.016	ppb v/v			05/09/14 09:15	1
1,1,2-Trichloroethane	ND		0.20	0.017	ppb v/v			05/09/14 09:15	1
1,1-Dichloroethane	ND		0.20	0.038	ppb v/v			05/09/14 09:15	1
1,1-Dichloroethene	ND		0.20	0.024	ppb v/v			05/09/14 09:15	1
1,2,4-Trichlorobenzene	ND		0.50	0.027	ppb v/v			05/09/14 09:15	1
1,2,4-Trimethylbenzene	**0.53**		0.20	0.014	ppb v/v			05/09/14 09:15	1
1,2-Dibromoethane	ND		0.20	0.020	ppb v/v			05/09/14 09:15	1
1,2-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/09/14 09:15	1
1,2-Dichloroethane	ND		0.20	0.017	ppb v/v			05/09/14 09:15	1
1,2-Dichloropropane	ND		0.20	0.032	ppb v/v			05/09/14 09:15	1
1,2-Dichlorotetrafluoroethane	**0.52**		0.20	0.035	ppb v/v			05/09/14 09:15	1
1,3,5-Trimethylbenzene	**0.15**	**J**	0.20	0.012	ppb v/v			05/09/14 09:15	1
1,3-Butadiene	ND		0.20	0.042	ppb v/v			05/09/14 09:15	1
1,3-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/09/14 09:15	1
1,4-Dichlorobenzene	**0.024**	**J**	0.20	0.014	ppb v/v			05/09/14 09:15	1
1,4-Dioxane	ND		5.0	0.20	ppb v/v			05/09/14 09:15	1
2,2,4-Trimethylpentane	ND		0.20	0.027	ppb v/v			05/09/14 09:15	1
2-Chlorotoluene	ND		0.20	0.013	ppb v/v			05/09/14 09:15	1
3-Chloropropene	ND		0.50	0.034	ppb v/v			05/09/14 09:15	1
4-Ethyltoluene	**0.13**	**J**	0.20	0.018	ppb v/v			05/09/14 09:15	1
4-Isopropyltoluene	ND		0.20	0.080	ppb v/v			05/09/14 09:15	1
Acetone	**12**		5.0	1.3	ppb v/v			05/09/14 09:15	1
Benzene	**0.083**	**J**	0.20	0.019	ppb v/v			05/09/14 09:15	1
Benzyl chloride	ND		0.20	0.080	ppb v/v			05/09/14 09:15	1
Bromodichloromethane	**0.35**		0.20	0.017	ppb v/v			05/09/14 09:15	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.030	ppb v/v			05/09/14 09:15	1
Bromoform	ND		0.20	0.010	ppb v/v			05/09/14 09:15	1
Bromomethane	ND		0.20	0.028	ppb v/v			05/09/14 09:15	1
Carbon disulfide	**2.7**		0.50	0.066	ppb v/v			05/09/14 09:15	1
Carbon tetrachloride	**0.060**	**J**	0.20	0.021	ppb v/v			05/09/14 09:15	1
Chlorobenzene	ND		0.20	0.0081	ppb v/v			05/09/14 09:15	1
Chloroethane	ND		0.50	0.030	ppb v/v			05/09/14 09:15	1
Chloroform	**1.8**		0.20	0.025	ppb v/v			05/09/14 09:15	1
Chloromethane	**0.25**	**J**	0.50	0.14	ppb v/v			05/09/14 09:15	1
cis-1,2-Dichloroethene	**9.4**		0.20	0.038	ppb v/v			05/09/14 09:15	1
cis-1,3-Dichloropropene	ND		0.20	0.028	ppb v/v			05/09/14 09:15	1
Cumene	ND		0.20	0.016	ppb v/v			05/09/14 09:15	1
Cyclohexane	ND		0.20	0.025	ppb v/v			05/09/14 09:15	1
Dibromochloromethane	**0.034**	**J**	0.20	0.020	ppb v/v			05/09/14 09:15	1
Dichlorodifluoromethane	**0.73**		0.50	0.030	ppb v/v			05/09/14 09:15	1
Ethylbenzene	**0.047**	**J**	0.20	0.013	ppb v/v			05/09/14 09:15	1
Freon 22	**0.55**		0.50	0.048	ppb v/v			05/09/14 09:15	1
Freon TF	**5.8**		0.20	0.018	ppb v/v			05/09/14 09:15	1
Hexachlorobutadiene	ND		0.20	0.022	ppb v/v			05/09/14 09:15	1
Isopropyl alcohol	**1.6**	**J**	5.0	0.22	ppb v/v			05/09/14 09:15	1
m,p-Xylene	**0.27**	**J**	0.50	0.023	ppb v/v			05/09/14 09:15	1
Methyl Butyl Ketone (2-Hexanone)	**0.35**	**J**	0.50	0.20	ppb v/v			05/09/14 09:15	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-1011
Date Collected: 05/02/14 17:26
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-15
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone	**1.2**		0.50	0.24	ppb v/v			05/09/14 09:15	1
methyl isobutyl ketone	**0.20**	**J**	0.50	0.027	ppb v/v			05/09/14 09:15	1
Methyl methacrylate	ND		0.50	0.030	ppb v/v			05/09/14 09:15	1
Methyl tert-butyl ether	ND		0.20	0.022	ppb v/v			05/09/14 09:15	1
Methylene Chloride	**0.19**	**J**	0.50	0.13	ppb v/v			05/09/14 09:15	1
Naphthalene	ND		0.50	0.20	ppb v/v			05/09/14 09:15	1
n-Butylbenzene	ND		0.20	0.080	ppb v/v			05/09/14 09:15	1
n-Heptane	**0.11**	**J**	0.20	0.046	ppb v/v			05/09/14 09:15	1
n-Hexane	**0.14**	**J**	0.20	0.034	ppb v/v			05/09/14 09:15	1
sec-Butylbenzene	ND		0.20	0.080	ppb v/v			05/09/14 09:15	1
Styrene	**0.032**	**J**	0.20	0.018	ppb v/v			05/09/14 09:15	1
tert-Butyl alcohol	**0.71**	**J**	5.0	0.33	ppb v/v			05/09/14 09:15	1
tert-Butylbenzene	ND		0.20	0.017	ppb v/v			05/09/14 09:15	1
Tetrachloroethene	**0.36**		0.20	0.016	ppb v/v			05/09/14 09:15	1
Tetrahydrofuran	ND		5.0	0.046	ppb v/v			05/09/14 09:15	1
Toluene	**0.22**		0.20	0.017	ppb v/v			05/09/14 09:15	1
trans-1,2-Dichloroethene	**0.042**	**J**	0.20	0.029	ppb v/v			05/09/14 09:15	1
trans-1,3-Dichloropropene	ND		0.20	0.022	ppb v/v			05/09/14 09:15	1
Trichloroethene	**2.6**		0.20	0.024	ppb v/v			05/09/14 09:15	1
Trichlorofluoromethane	**0.26**		0.20	0.030	ppb v/v			05/09/14 09:15	1
Vinyl chloride	**2.6**		0.20	0.038	ppb v/v			05/09/14 09:15	1
Xylene (total)	**0.38**		0.20	0.034	ppb v/v			05/09/14 09:15	1
Xylene, o-	**0.11**	**J**	0.20	0.016	ppb v/v			05/09/14 09:15	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	0.11	ug/m3			05/09/14 09:15	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.11	ug/m3			05/09/14 09:15	1
1,1,2-Trichloroethane	ND		1.1	0.093	ug/m3			05/09/14 09:15	1
1,1-Dichloroethane	ND		0.81	0.15	ug/m3			05/09/14 09:15	1
1,1-Dichloroethene	ND		0.79	0.095	ug/m3			05/09/14 09:15	1
1,2,4-Trichlorobenzene	ND		3.7	0.20	ug/m3			05/09/14 09:15	1
1,2,4-Trimethylbenzene	**2.6**		0.98	0.069	ug/m3			05/09/14 09:15	1
1,2-Dibromoethane	ND		1.5	0.15	ug/m3			05/09/14 09:15	1
1,2-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/09/14 09:15	1
1,2-Dichloroethane	ND		0.81	0.069	ug/m3			05/09/14 09:15	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			05/09/14 09:15	1
1,2-Dichlorotetrafluoroethane	**3.6**		1.4	0.24	ug/m3			05/09/14 09:15	1
1,3,5-Trimethylbenzene	**0.73**	**J**	0.98	0.059	ug/m3			05/09/14 09:15	1
1,3-Butadiene	ND		0.44	0.093	ug/m3			05/09/14 09:15	1
1,3-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/09/14 09:15	1
1,4-Dichlorobenzene	**0.14**	**J**	1.2	0.084	ug/m3			05/09/14 09:15	1
1,4-Dioxane	ND		18	0.72	ug/m3			05/09/14 09:15	1
2,2,4-Trimethylpentane	ND		0.93	0.13	ug/m3			05/09/14 09:15	1
2-Chlorotoluene	ND		1.0	0.067	ug/m3			05/09/14 09:15	1
3-Chloropropene	ND		1.6	0.11	ug/m3			05/09/14 09:15	1
4-Ethyltoluene	**0.63**	**J**	0.98	0.088	ug/m3			05/09/14 09:15	1
4-Isopropyltoluene	ND		1.1	0.44	ug/m3			05/09/14 09:15	1
Acetone	**28**		12	3.0	ug/m3			05/09/14 09:15	1
Benzene	**0.26**	**J**	0.64	0.061	ug/m3			05/09/14 09:15	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-1011
Date Collected: 05/02/14 17:26
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-15
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		1.0	0.41	ug/m3			05/09/14 09:15	1
Bromodichloromethane	**2.4**		1.3	0.11	ug/m3			05/09/14 09:15	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.13	ug/m3			05/09/14 09:15	1
Bromoform	ND		2.1	0.10	ug/m3			05/09/14 09:15	1
Bromomethane	ND		0.78	0.11	ug/m3			05/09/14 09:15	1
Carbon disulfide	**8.5**		1.6	0.21	ug/m3			05/09/14 09:15	1
Carbon tetrachloride	**0.38**	**J**	1.3	0.13	ug/m3			05/09/14 09:15	1
Chlorobenzene	ND		0.92	0.037	ug/m3			05/09/14 09:15	1
Chloroethane	ND		1.3	0.079	ug/m3			05/09/14 09:15	1
Chloroform	**8.9**		0.98	0.12	ug/m3			05/09/14 09:15	1
Chloromethane	**0.51**	**J**	1.0	0.28	ug/m3			05/09/14 09:15	1
cis-1,2-Dichloroethene	**37**		0.79	0.15	ug/m3			05/09/14 09:15	1
cis-1,3-Dichloropropene	ND		0.91	0.13	ug/m3			05/09/14 09:15	1
Cumene	ND		0.98	0.079	ug/m3			05/09/14 09:15	1
Cyclohexane	ND		0.69	0.086	ug/m3			05/09/14 09:15	1
Dibromochloromethane	**0.29**	**J**	1.7	0.17	ug/m3			05/09/14 09:15	1
Dichlorodifluoromethane	**3.6**		2.5	0.15	ug/m3			05/09/14 09:15	1
Ethylbenzene	**0.20**	**J**	0.87	0.056	ug/m3			05/09/14 09:15	1
Freon 22	**1.9**		1.8	0.17	ug/m3			05/09/14 09:15	1
Freon TF	**44**		1.5	0.14	ug/m3			05/09/14 09:15	1
Hexachlorobutadiene	ND		2.1	0.23	ug/m3			05/09/14 09:15	1
Isopropyl alcohol	**3.9**	**J**	12	0.53	ug/m3			05/09/14 09:15	1
m,p-Xylene	**1.2**	**J**	2.2	0.10	ug/m3			05/09/14 09:15	1
Methyl Butyl Ketone (2-Hexanone)	**1.4**	**J**	2.0	0.82	ug/m3			05/09/14 09:15	1
Methyl Ethyl Ketone	**3.5**		1.5	0.71	ug/m3			05/09/14 09:15	1
methyl isobutyl ketone	**0.82**	**J**	2.0	0.11	ug/m3			05/09/14 09:15	1
Methyl methacrylate	ND		2.0	0.12	ug/m3			05/09/14 09:15	1
Methyl tert-butyl ether	ND		0.72	0.079	ug/m3			05/09/14 09:15	1
Methylene Chloride	**0.66**	**J**	1.7	0.43	ug/m3			05/09/14 09:15	1
Naphthalene	ND		2.6	1.0	ug/m3			05/09/14 09:15	1
n-Butylbenzene	ND		1.1	0.44	ug/m3			05/09/14 09:15	1
n-Heptane	**0.46**	**J**	0.82	0.19	ug/m3			05/09/14 09:15	1
n-Hexane	**0.50**	**J**	0.70	0.12	ug/m3			05/09/14 09:15	1
sec-Butylbenzene	ND		1.1	0.44	ug/m3			05/09/14 09:15	1
Styrene	**0.14**	**J**	0.85	0.077	ug/m3			05/09/14 09:15	1
tert-Butyl alcohol	**2.1**	**J**	15	0.99	ug/m3			05/09/14 09:15	1
tert-Butylbenzene	ND		1.1	0.093	ug/m3			05/09/14 09:15	1
Tetrachloroethene	**2.5**		1.4	0.11	ug/m3			05/09/14 09:15	1
Tetrahydrofuran	ND		15	0.14	ug/m3			05/09/14 09:15	1
Toluene	**0.84**		0.75	0.064	ug/m3			05/09/14 09:15	1
trans-1,2-Dichloroethene	**0.17**	**J**	0.79	0.11	ug/m3			05/09/14 09:15	1
trans-1,3-Dichloropropene	ND		0.91	0.10	ug/m3			05/09/14 09:15	1
Trichloroethene	**14**		1.1	0.13	ug/m3			05/09/14 09:15	1
Trichlorofluoromethane	**1.4**		1.1	0.17	ug/m3			05/09/14 09:15	1
Vinyl chloride	**6.6**		0.51	0.097	ug/m3			05/09/14 09:15	1
Xylene (total)	**1.7**		0.87	0.15	ug/m3			05/09/14 09:15	1
Xylene, o-	**0.48**	**J**	0.87	0.069	ug/m3			05/09/14 09:15	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-1012
Date Collected: 05/02/14 18:15
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-16
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20	0.021	ppb v/v			05/07/14 02:07	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.016	ppb v/v			05/07/14 02:07	1
1,1,2-Trichloroethane	ND		0.20	0.017	ppb v/v			05/07/14 02:07	1
1,1-Dichloroethane	ND		0.20	0.038	ppb v/v			05/07/14 02:07	1
1,1-Dichloroethene	ND		0.20	0.024	ppb v/v			05/07/14 02:07	1
1,2,4-Trichlorobenzene	ND		0.50	0.027	ppb v/v			05/07/14 02:07	1
1,2,4-Trimethylbenzene	**44**	**E**	0.20	0.014	ppb v/v			05/07/14 02:07	1
1,2-Dibromoethane	ND		0.20	0.020	ppb v/v			05/07/14 02:07	1
1,2-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/07/14 02:07	1
1,2-Dichloroethane	ND		0.20	0.017	ppb v/v			05/07/14 02:07	1
1,2-Dichloropropane	ND		0.20	0.032	ppb v/v			05/07/14 02:07	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.035	ppb v/v			05/07/14 02:07	1
1,3,5-Trimethylbenzene	**18**		0.20	0.012	ppb v/v			05/07/14 02:07	1
1,3-Butadiene	ND		0.20	0.042	ppb v/v			05/07/14 02:07	1
1,3-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/07/14 02:07	1
1,4-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/07/14 02:07	1
1,4-Dioxane	ND		5.0	0.20	ppb v/v			05/07/14 02:07	1
2,2,4-Trimethylpentane	ND		0.20	0.027	ppb v/v			05/07/14 02:07	1
2-Chlorotoluene	ND		0.20	0.013	ppb v/v			05/07/14 02:07	1
3-Chloropropene	ND		0.50	0.034	ppb v/v			05/07/14 02:07	1
4-Ethyltoluene	**14**		0.20	0.018	ppb v/v			05/07/14 02:07	1
4-Isopropyltoluene	**0.54**		0.20	0.080	ppb v/v			05/07/14 02:07	1
Acetone	**10**		5.0	1.3	ppb v/v			05/07/14 02:07	1
Benzene	**0.13**	**J**	0.20	0.019	ppb v/v			05/07/14 02:07	1
Benzyl chloride	ND		0.20	0.080	ppb v/v			05/07/14 02:07	1
Bromodichloromethane	ND		0.20	0.017	ppb v/v			05/07/14 02:07	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.030	ppb v/v			05/07/14 02:07	1
Bromoform	ND		0.20	0.010	ppb v/v			05/07/14 02:07	1
Bromomethane	ND		0.20	0.028	ppb v/v			05/07/14 02:07	1
Carbon disulfide	ND		0.50	0.066	ppb v/v			05/07/14 02:07	1
Carbon tetrachloride	**0.075**	**J**	0.20	0.021	ppb v/v			05/07/14 02:07	1
Chlorobenzene	ND		0.20	0.0081	ppb v/v			05/07/14 02:07	1
Chloroethane	ND		0.50	0.030	ppb v/v			05/07/14 02:07	1
Chloroform	ND		0.20	0.025	ppb v/v			05/07/14 02:07	1
Chloromethane	**0.52**		0.50	0.14	ppb v/v			05/07/14 02:07	1
cis-1,2-Dichloroethene	ND		0.20	0.038	ppb v/v			05/07/14 02:07	1
cis-1,3-Dichloropropene	ND		0.20	0.028	ppb v/v			05/07/14 02:07	1
Cumene	ND		0.20	0.016	ppb v/v			05/07/14 02:07	1
Cyclohexane	ND		0.20	0.025	ppb v/v			05/07/14 02:07	1
Dibromochloromethane	ND		0.20	0.020	ppb v/v			05/07/14 02:07	1
Dichlorodifluoromethane	**0.44**	**J**	0.50	0.030	ppb v/v			05/07/14 02:07	1
Ethylbenzene	ND		0.20	0.013	ppb v/v			05/07/14 02:07	1
Freon 22	**0.63**		0.50	0.048	ppb v/v			05/07/14 02:07	1
Freon TF	**0.068**	**J**	0.20	0.018	ppb v/v			05/07/14 02:07	1
Hexachlorobutadiene	ND		0.20	0.022	ppb v/v			05/07/14 02:07	1
Isopropyl alcohol	**35**		5.0	0.22	ppb v/v			05/07/14 02:07	1
m,p-Xylene	**1.0**		0.50	0.023	ppb v/v			05/07/14 02:07	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.20	ppb v/v			05/07/14 02:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-1012
Date Collected: 05/02/14 18:15
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-16
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone	**1.6**		0.50	0.24	ppb v/v			05/07/14 02:07	1
methyl isobutyl ketone	ND		0.50	0.027	ppb v/v			05/07/14 02:07	1
Methyl methacrylate	ND		0.50	0.030	ppb v/v			05/07/14 02:07	1
Methyl tert-butyl ether	ND		0.20	0.022	ppb v/v			05/07/14 02:07	1
Methylene Chloride	**0.29**	**J**	0.50	0.13	ppb v/v			05/07/14 02:07	1
Naphthalene	ND		0.50	0.20	ppb v/v			05/07/14 02:07	1
n-Butylbenzene	**0.77**		0.20	0.080	ppb v/v			05/07/14 02:07	1
n-Heptane	**0.23**		0.20	0.046	ppb v/v			05/07/14 02:07	1
n-Hexane	**0.21**		0.20	0.034	ppb v/v			05/07/14 02:07	1
sec-Butylbenzene	ND		0.20	0.080	ppb v/v			05/07/14 02:07	1
Styrene	ND		0.20	0.018	ppb v/v			05/07/14 02:07	1
tert-Butyl alcohol	ND		5.0	0.33	ppb v/v			05/07/14 02:07	1
tert-Butylbenzene	ND		0.20	0.017	ppb v/v			05/07/14 02:07	1
Tetrachloroethene	ND		0.20	0.016	ppb v/v			05/07/14 02:07	1
Tetrahydrofuran	**0.77**	**J**	5.0	0.046	ppb v/v			05/07/14 02:07	1
Toluene	**1.5**		0.20	0.017	ppb v/v			05/07/14 02:07	1
trans-1,2-Dichloroethene	ND		0.20	0.029	ppb v/v			05/07/14 02:07	1
trans-1,3-Dichloropropene	ND		0.20	0.022	ppb v/v			05/07/14 02:07	1
Trichloroethene	**0.050**	**J**	0.20	0.024	ppb v/v			05/07/14 02:07	1
Trichlorofluoromethane	**0.22**		0.20	0.030	ppb v/v			05/07/14 02:07	1
Vinyl chloride	ND		0.20	0.038	ppb v/v			05/07/14 02:07	1
Xylene (total)	**3.9**		0.20	0.034	ppb v/v			05/07/14 02:07	1
Xylene, o-	**2.9**		0.20	0.016	ppb v/v			05/07/14 02:07	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	0.11	ug/m3			05/07/14 02:07	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.11	ug/m3			05/07/14 02:07	1
1,1,2-Trichloroethane	ND		1.1	0.093	ug/m3			05/07/14 02:07	1
1,1-Dichloroethane	ND		0.81	0.15	ug/m3			05/07/14 02:07	1
1,1-Dichloroethene	ND		0.79	0.095	ug/m3			05/07/14 02:07	1
1,2,4-Trichlorobenzene	ND		3.7	0.20	ug/m3			05/07/14 02:07	1
1,2,4-Trimethylbenzene	**210**	**E**	0.98	0.069	ug/m3			05/07/14 02:07	1
1,2-Dibromoethane	ND		1.5	0.15	ug/m3			05/07/14 02:07	1
1,2-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/07/14 02:07	1
1,2-Dichloroethane	ND		0.81	0.069	ug/m3			05/07/14 02:07	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			05/07/14 02:07	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.24	ug/m3			05/07/14 02:07	1
1,3,5-Trimethylbenzene	**88**		0.98	0.059	ug/m3			05/07/14 02:07	1
1,3-Butadiene	ND		0.44	0.093	ug/m3			05/07/14 02:07	1
1,3-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/07/14 02:07	1
1,4-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/07/14 02:07	1
1,4-Dioxane	ND		18	0.72	ug/m3			05/07/14 02:07	1
2,2,4-Trimethylpentane	ND		0.93	0.13	ug/m3			05/07/14 02:07	1
2-Chlorotoluene	ND		1.0	0.067	ug/m3			05/07/14 02:07	1
3-Chloropropene	ND		1.6	0.11	ug/m3			05/07/14 02:07	1
4-Ethyltoluene	**70**		0.98	0.088	ug/m3			05/07/14 02:07	1
4-Isopropyltoluene	**3.0**		1.1	0.44	ug/m3			05/07/14 02:07	1
Acetone	**24**		12	3.0	ug/m3			05/07/14 02:07	1
Benzene	**0.41**	**J**	0.64	0.061	ug/m3			05/07/14 02:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-1012
Date Collected: 05/02/14 18:15
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-16
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		1.0	0.41	ug/m3			05/07/14 02:07	1
Bromodichloromethane	ND		1.3	0.11	ug/m3			05/07/14 02:07	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.13	ug/m3			05/07/14 02:07	1
Bromoform	ND		2.1	0.10	ug/m3			05/07/14 02:07	1
Bromomethane	ND		0.78	0.11	ug/m3			05/07/14 02:07	1
Carbon disulfide	ND		1.6	0.21	ug/m3			05/07/14 02:07	1
Carbon tetrachloride	**0.47**	**J**	1.3	0.13	ug/m3			05/07/14 02:07	1
Chlorobenzene	ND		0.92	0.037	ug/m3			05/07/14 02:07	1
Chloroethane	ND		1.3	0.079	ug/m3			05/07/14 02:07	1
Chloroform	ND		0.98	0.12	ug/m3			05/07/14 02:07	1
Chloromethane	**1.1**		1.0	0.28	ug/m3			05/07/14 02:07	1
cis-1,2-Dichloroethene	ND		0.79	0.15	ug/m3			05/07/14 02:07	1
cis-1,3-Dichloropropene	ND		0.91	0.13	ug/m3			05/07/14 02:07	1
Cumene	ND		0.98	0.079	ug/m3			05/07/14 02:07	1
Cyclohexane	ND		0.69	0.086	ug/m3			05/07/14 02:07	1
Dibromochloromethane	ND		1.7	0.17	ug/m3			05/07/14 02:07	1
Dichlorodifluoromethane	**2.2**	**J**	2.5	0.15	ug/m3			05/07/14 02:07	1
Ethylbenzene	ND		0.87	0.056	ug/m3			05/07/14 02:07	1
Freon 22	**2.2**		1.8	0.17	ug/m3			05/07/14 02:07	1
Freon TF	**0.52**	**J**	1.5	0.14	ug/m3			05/07/14 02:07	1
Hexachlorobutadiene	ND		2.1	0.23	ug/m3			05/07/14 02:07	1
Isopropyl alcohol	**87**		12	0.53	ug/m3			05/07/14 02:07	1
m,p-Xylene	**4.5**		2.2	0.10	ug/m3			05/07/14 02:07	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			05/07/14 02:07	1
Methyl Ethyl Ketone	**4.7**		1.5	0.71	ug/m3			05/07/14 02:07	1
methyl isobutyl ketone	ND		2.0	0.11	ug/m3			05/07/14 02:07	1
Methyl methacrylate	ND		2.0	0.12	ug/m3			05/07/14 02:07	1
Methyl tert-butyl ether	ND		0.72	0.079	ug/m3			05/07/14 02:07	1
Methylene Chloride	**1.0**	**J**	1.7	0.43	ug/m3			05/07/14 02:07	1
Naphthalene	ND		2.6	1.0	ug/m3			05/07/14 02:07	1
n-Butylbenzene	**4.2**		1.1	0.44	ug/m3			05/07/14 02:07	1
n-Heptane	**0.93**		0.82	0.19	ug/m3			05/07/14 02:07	1
n-Hexane	**0.73**		0.70	0.12	ug/m3			05/07/14 02:07	1
sec-Butylbenzene	ND		1.1	0.44	ug/m3			05/07/14 02:07	1
Styrene	ND		0.85	0.077	ug/m3			05/07/14 02:07	1
tert-Butyl alcohol	ND		15	0.99	ug/m3			05/07/14 02:07	1
tert-Butylbenzene	ND		1.1	0.093	ug/m3			05/07/14 02:07	1
Tetrachloroethene	ND		1.4	0.11	ug/m3			05/07/14 02:07	1
Tetrahydrofuran	**2.3**	**J**	15	0.14	ug/m3			05/07/14 02:07	1
Toluene	**5.5**		0.75	0.064	ug/m3			05/07/14 02:07	1
trans-1,2-Dichloroethene	ND		0.79	0.11	ug/m3			05/07/14 02:07	1
trans-1,3-Dichloropropene	ND		0.91	0.10	ug/m3			05/07/14 02:07	1
Trichloroethene	**0.27**	**J**	1.1	0.13	ug/m3			05/07/14 02:07	1
Trichlorofluoromethane	**1.2**		1.1	0.17	ug/m3			05/07/14 02:07	1
Vinyl chloride	ND		0.51	0.097	ug/m3			05/07/14 02:07	1
Xylene (total)	**17**		0.87	0.15	ug/m3			05/07/14 02:07	1
Xylene, o-	**12**		0.87	0.069	ug/m3			05/07/14 02:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-1020
Date Collected: 05/02/14 17:59
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-17
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	0.21	ppb v/v			05/08/14 23:30	10
1,1,2,2-Tetrachloroethane	ND		2.0	0.16	ppb v/v			05/08/14 23:30	10
1,1,2-Trichloroethane	ND		2.0	0.17	ppb v/v			05/08/14 23:30	10
1,1-Dichloroethane	ND		2.0	0.38	ppb v/v			05/08/14 23:30	10
1,1-Dichloroethene	ND		2.0	0.24	ppb v/v			05/08/14 23:30	10
1,2,4-Trichlorobenzene	ND		5.0	0.27	ppb v/v			05/08/14 23:30	10
1,2,4-Trimethylbenzene	**650**	**E**	2.0	0.14	ppb v/v			05/08/14 23:30	10
1,2-Dibromoethane	ND		2.0	0.20	ppb v/v			05/08/14 23:30	10
1,2-Dichlorobenzene	ND		2.0	0.14	ppb v/v			05/08/14 23:30	10
1,2-Dichloroethane	ND		2.0	0.17	ppb v/v			05/08/14 23:30	10
1,2-Dichloropropane	ND		2.0	0.32	ppb v/v			05/08/14 23:30	10
1,2-Dichlorotetrafluoroethane	ND		2.0	0.35	ppb v/v			05/08/14 23:30	10
1,3,5-Trimethylbenzene	**360**		2.0	0.12	ppb v/v			05/08/14 23:30	10
1,3-Butadiene	ND		2.0	0.42	ppb v/v			05/08/14 23:30	10
1,3-Dichlorobenzene	ND		2.0	0.14	ppb v/v			05/08/14 23:30	10
1,4-Dichlorobenzene	ND		2.0	0.14	ppb v/v			05/08/14 23:30	10
1,4-Dioxane	ND		50	2.0	ppb v/v			05/08/14 23:30	10
2,2,4-Trimethylpentane	ND		2.0	0.27	ppb v/v			05/08/14 23:30	10
2-Chlorotoluene	ND		2.0	0.13	ppb v/v			05/08/14 23:30	10
3-Chloropropene	ND		5.0	0.34	ppb v/v			05/08/14 23:30	10
4-Ethyltoluene	**200**		2.0	0.18	ppb v/v			05/08/14 23:30	10
4-Isopropyltoluene	**59**		2.0	0.80	ppb v/v			05/08/14 23:30	10
Acetone	**14**	**J**	50	13	ppb v/v			05/08/14 23:30	10
Benzene	ND		2.0	0.19	ppb v/v			05/08/14 23:30	10
Benzyl chloride	ND		2.0	0.80	ppb v/v			05/08/14 23:30	10
Bromodichloromethane	ND		2.0	0.17	ppb v/v			05/08/14 23:30	10
Bromoethene(Vinyl Bromide)	ND		2.0	0.30	ppb v/v			05/08/14 23:30	10
Bromoform	ND		2.0	0.10	ppb v/v			05/08/14 23:30	10
Bromomethane	ND		2.0	0.28	ppb v/v			05/08/14 23:30	10
Carbon disulfide	**1.1**	**J**	5.0	0.66	ppb v/v			05/08/14 23:30	10
Carbon tetrachloride	ND		2.0	0.21	ppb v/v			05/08/14 23:30	10
Chlorobenzene	**0.65**	**J**	2.0	0.081	ppb v/v			05/08/14 23:30	10
Chloroethane	ND		5.0	0.30	ppb v/v			05/08/14 23:30	10
Chloroform	**1.1**	**J**	2.0	0.25	ppb v/v			05/08/14 23:30	10
Chloromethane	ND		5.0	1.4	ppb v/v			05/08/14 23:30	10
cis-1,2-Dichloroethene	**1.8**	**J**	2.0	0.38	ppb v/v			05/08/14 23:30	10
cis-1,3-Dichloropropene	ND		2.0	0.28	ppb v/v			05/08/14 23:30	10
Cumene	**31**		2.0	0.16	ppb v/v			05/08/14 23:30	10
Cyclohexane	**0.36**	**J**	2.0	0.25	ppb v/v			05/08/14 23:30	10
Dibromochloromethane	ND		2.0	0.20	ppb v/v			05/08/14 23:30	10
Dichlorodifluoromethane	**0.53**	**J**	5.0	0.30	ppb v/v			05/08/14 23:30	10
Ethylbenzene	**1.4**	**J**	2.0	0.13	ppb v/v			05/08/14 23:30	10
Freon 22	ND		5.0	0.48	ppb v/v			05/08/14 23:30	10
Freon TF	**2.7**		2.0	0.18	ppb v/v			05/08/14 23:30	10
Hexachlorobutadiene	ND		2.0	0.22	ppb v/v			05/08/14 23:30	10
Isopropyl alcohol	**3.5**	**J**	50	2.2	ppb v/v			05/08/14 23:30	10
m,p-Xylene	**7.1**		5.0	0.23	ppb v/v			05/08/14 23:30	10
Methyl Butyl Ketone (2-Hexanone)	ND		5.0	2.0	ppb v/v			05/08/14 23:30	10

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-1020
Date Collected: 05/02/14 17:59
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-17
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone	ND		5.0	2.4	ppb v/v			05/08/14 23:30	10
methyl isobutyl ketone	ND		5.0	0.27	ppb v/v			05/08/14 23:30	10
Methyl methacrylate	ND		5.0	0.30	ppb v/v			05/08/14 23:30	10
Methyl tert-butyl ether	ND		2.0	0.22	ppb v/v			05/08/14 23:30	10
Methylene Chloride	**3.6**	**J**	5.0	1.3	ppb v/v			05/08/14 23:30	10
Naphthalene	ND		5.0	2.0	ppb v/v			05/08/14 23:30	10
n-Butylbenzene	**53**		2.0	0.80	ppb v/v			05/08/14 23:30	10
n-Heptane	**1.3**	**J**	2.0	0.46	ppb v/v			05/08/14 23:30	10
n-Hexane	**1.1**	**J**	2.0	0.34	ppb v/v			05/08/14 23:30	10
sec-Butylbenzene	**110**		2.0	0.80	ppb v/v			05/08/14 23:30	10
Styrene	ND		2.0	0.18	ppb v/v			05/08/14 23:30	10
tert-Butyl alcohol	**5.0**	**J**	50	3.3	ppb v/v			05/08/14 23:30	10
tert-Butylbenzene	**8.5**		2.0	0.17	ppb v/v			05/08/14 23:30	10
Tetrachloroethene	**3.5**		2.0	0.16	ppb v/v			05/08/14 23:30	10
Tetrahydrofuran	ND		50	0.46	ppb v/v			05/08/14 23:30	10
Toluene	**0.79**	**J**	2.0	0.17	ppb v/v			05/08/14 23:30	10
trans-1,2-Dichloroethene	ND		2.0	0.29	ppb v/v			05/08/14 23:30	10
trans-1,3-Dichloropropene	ND		2.0	0.22	ppb v/v			05/08/14 23:30	10
Trichloroethene	**1.5**	**J**	2.0	0.24	ppb v/v			05/08/14 23:30	10
Trichlorofluoromethane	ND		2.0	0.30	ppb v/v			05/08/14 23:30	10
Vinyl chloride	**0.43**	**J**	2.0	0.38	ppb v/v			05/08/14 23:30	10
Xylene (total)	**19**		2.0	0.34	ppb v/v			05/08/14 23:30	10
Xylene, o-	**12**		2.0	0.16	ppb v/v			05/08/14 23:30	10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		11	1.1	ug/m3			05/08/14 23:30	10
1,1,2,2-Tetrachloroethane	ND		14	1.1	ug/m3			05/08/14 23:30	10
1,1,2-Trichloroethane	ND		11	0.93	ug/m3			05/08/14 23:30	10
1,1-Dichloroethane	ND		8.1	1.5	ug/m3			05/08/14 23:30	10
1,1-Dichloroethene	ND		7.9	0.95	ug/m3			05/08/14 23:30	10
1,2,4-Trichlorobenzene	ND		37	2.0	ug/m3			05/08/14 23:30	10
1,2,4-Trimethylbenzene	**3200**	**E**	9.8	0.69	ug/m3			05/08/14 23:30	10
1,2-Dibromoethane	ND		15	1.5	ug/m3			05/08/14 23:30	10
1,2-Dichlorobenzene	ND		12	0.84	ug/m3			05/08/14 23:30	10
1,2-Dichloroethane	ND		8.1	0.69	ug/m3			05/08/14 23:30	10
1,2-Dichloropropane	ND		9.2	1.5	ug/m3			05/08/14 23:30	10
1,2-Dichlorotetrafluoroethane	ND		14	2.4	ug/m3			05/08/14 23:30	10
1,3,5-Trimethylbenzene	**1800**		9.8	0.59	ug/m3			05/08/14 23:30	10
1,3-Butadiene	ND		4.4	0.93	ug/m3			05/08/14 23:30	10
1,3-Dichlorobenzene	ND		12	0.84	ug/m3			05/08/14 23:30	10
1,4-Dichlorobenzene	ND		12	0.84	ug/m3			05/08/14 23:30	10
1,4-Dioxane	ND		180	7.2	ug/m3			05/08/14 23:30	10
2,2,4-Trimethylpentane	ND		9.3	1.3	ug/m3			05/08/14 23:30	10
2-Chlorotoluene	ND		10	0.67	ug/m3			05/08/14 23:30	10
3-Chloropropene	ND		16	1.1	ug/m3			05/08/14 23:30	10
4-Ethyltoluene	**1000**		9.8	0.88	ug/m3			05/08/14 23:30	10
4-Isopropyltoluene	**330**		11	4.4	ug/m3			05/08/14 23:30	10
Acetone	**34**	**J**	120	30	ug/m3			05/08/14 23:30	10
Benzene	ND		6.4	0.61	ug/m3			05/08/14 23:30	10

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-1020
Date Collected: 05/02/14 17:59
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-17
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		10	4.1	ug/m3			05/08/14 23:30	10
Bromodichloromethane	ND		13	1.1	ug/m3			05/08/14 23:30	10
Bromoethene(Vinyl Bromide)	ND		8.7	1.3	ug/m3			05/08/14 23:30	10
Bromoform	ND		21	1.0	ug/m3			05/08/14 23:30	10
Bromomethane	ND		7.8	1.1	ug/m3			05/08/14 23:30	10
Carbon disulfide	**3.5**	**J**	16	2.1	ug/m3			05/08/14 23:30	10
Carbon tetrachloride	ND		13	1.3	ug/m3			05/08/14 23:30	10
Chlorobenzene	**3.0**	**J**	9.2	0.37	ug/m3			05/08/14 23:30	10
Chloroethane	ND		13	0.79	ug/m3			05/08/14 23:30	10
Chloroform	**5.5**	**J**	9.8	1.2	ug/m3			05/08/14 23:30	10
Chloromethane	ND		10	2.8	ug/m3			05/08/14 23:30	10
cis-1,2-Dichloroethene	**7.2**	**J**	7.9	1.5	ug/m3			05/08/14 23:30	10
cis-1,3-Dichloropropene	ND		9.1	1.3	ug/m3			05/08/14 23:30	10
Cumene	**150**		9.8	0.79	ug/m3			05/08/14 23:30	10
Cyclohexane	**1.2**	**J**	6.9	0.86	ug/m3			05/08/14 23:30	10
Dibromochloromethane	ND		17	1.7	ug/m3			05/08/14 23:30	10
Dichlorodifluoromethane	**2.6**	**J**	25	1.5	ug/m3			05/08/14 23:30	10
Ethylbenzene	**6.2**	**J**	8.7	0.56	ug/m3			05/08/14 23:30	10
Freon 22	ND		18	1.7	ug/m3			05/08/14 23:30	10
Freon TF	**20**		15	1.4	ug/m3			05/08/14 23:30	10
Hexachlorobutadiene	ND		21	2.3	ug/m3			05/08/14 23:30	10
Isopropyl alcohol	**8.7**	**J**	120	5.3	ug/m3			05/08/14 23:30	10
m,p-Xylene	**31**		22	1.0	ug/m3			05/08/14 23:30	10
Methyl Butyl Ketone (2-Hexanone)	ND		20	8.2	ug/m3			05/08/14 23:30	10
Methyl Ethyl Ketone	ND		15	7.1	ug/m3			05/08/14 23:30	10
methyl isobutyl ketone	ND		20	1.1	ug/m3			05/08/14 23:30	10
Methyl methacrylate	ND		20	1.2	ug/m3			05/08/14 23:30	10
Methyl tert-butyl ether	ND		7.2	0.79	ug/m3			05/08/14 23:30	10
Methylene Chloride	**13**	**J**	17	4.3	ug/m3			05/08/14 23:30	10
Naphthalene	ND		26	10	ug/m3			05/08/14 23:30	10
n-Butylbenzene	**290**		11	4.4	ug/m3			05/08/14 23:30	10
n-Heptane	**5.5**	**J**	8.2	1.9	ug/m3			05/08/14 23:30	10
n-Hexane	**3.8**	**J**	7.0	1.2	ug/m3			05/08/14 23:30	10
sec-Butylbenzene	**620**		11	4.4	ug/m3			05/08/14 23:30	10
Styrene	ND		8.5	0.77	ug/m3			05/08/14 23:30	10
tert-Butyl alcohol	**15**	**J**	150	9.9	ug/m3			05/08/14 23:30	10
tert-Butylbenzene	**46**		11	0.93	ug/m3			05/08/14 23:30	10
Tetrachloroethene	**24**		14	1.1	ug/m3			05/08/14 23:30	10
Tetrahydrofuran	ND		150	1.4	ug/m3			05/08/14 23:30	10
Toluene	**3.0**	**J**	7.5	0.64	ug/m3			05/08/14 23:30	10
trans-1,2-Dichloroethene	ND		7.9	1.1	ug/m3			05/08/14 23:30	10
trans-1,3-Dichloropropene	ND		9.1	1.0	ug/m3			05/08/14 23:30	10
Trichloroethene	**8.3**	**J**	11	1.3	ug/m3			05/08/14 23:30	10
Trichlorofluoromethane	ND		11	1.7	ug/m3			05/08/14 23:30	10
Vinyl chloride	**1.1**	**J**	5.1	0.97	ug/m3			05/08/14 23:30	10
Xylene (total)	**83**		8.7	1.5	ug/m3			05/08/14 23:30	10
Xylene, o-	**51**		8.7	0.69	ug/m3			05/08/14 23:30	10

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-1021
Lab Sample ID: 480-59199-18
Date Collected: 05/02/14 13:45
Matrix: Air
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20	0.021	ppb v/v			05/07/14 02:59	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.016	ppb v/v			05/07/14 02:59	1
1,1,2-Trichloroethane	ND		0.20	0.017	ppb v/v			05/07/14 02:59	1
1,1-Dichloroethane	ND		0.20	0.038	ppb v/v			05/07/14 02:59	1
1,1-Dichloroethene	ND		0.20	0.024	ppb v/v			05/07/14 02:59	1
1,2,4-Trichlorobenzene	ND		0.50	0.027	ppb v/v			05/07/14 02:59	1
1,2,4-Trimethylbenzene	**29**		0.20	0.014	ppb v/v			05/07/14 02:59	1
1,2-Dibromoethane	ND		0.20	0.020	ppb v/v			05/07/14 02:59	1
1,2-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/07/14 02:59	1
1,2-Dichloroethane	ND		0.20	0.017	ppb v/v			05/07/14 02:59	1
1,2-Dichloropropane	ND		0.20	0.032	ppb v/v			05/07/14 02:59	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.035	ppb v/v			05/07/14 02:59	1
1,3,5-Trimethylbenzene	**11**		0.20	0.012	ppb v/v			05/07/14 02:59	1
1,3-Butadiene	**0.099**	**J**	0.20	0.042	ppb v/v			05/07/14 02:59	1
1,3-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/07/14 02:59	1
1,4-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/07/14 02:59	1
1,4-Dioxane	ND		5.0	0.20	ppb v/v			05/07/14 02:59	1
2,2,4-Trimethylpentane	ND		0.20	0.027	ppb v/v			05/07/14 02:59	1
2-Chlorotoluene	ND		0.20	0.013	ppb v/v			05/07/14 02:59	1
3-Chloropropene	ND		0.50	0.034	ppb v/v			05/07/14 02:59	1
4-Ethyltoluene	**9.7**		0.20	0.018	ppb v/v			05/07/14 02:59	1
4-Isopropyltoluene	**0.29**		0.20	0.080	ppb v/v			05/07/14 02:59	1
Acetone	**3.8**	**J**	5.0	1.3	ppb v/v			05/07/14 02:59	1
Benzene	**0.18**	**J**	0.20	0.019	ppb v/v			05/07/14 02:59	1
Benzyl chloride	ND		0.20	0.080	ppb v/v			05/07/14 02:59	1
Bromodichloromethane	ND		0.20	0.017	ppb v/v			05/07/14 02:59	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.030	ppb v/v			05/07/14 02:59	1
Bromoform	ND		0.20	0.010	ppb v/v			05/07/14 02:59	1
Bromomethane	ND		0.20	0.028	ppb v/v			05/07/14 02:59	1
Carbon disulfide	ND		0.50	0.066	ppb v/v			05/07/14 02:59	1
Carbon tetrachloride	**0.069**	**J**	0.20	0.021	ppb v/v			05/07/14 02:59	1
Chlorobenzene	ND		0.20	0.0081	ppb v/v			05/07/14 02:59	1
Chloroethane	ND		0.50	0.030	ppb v/v			05/07/14 02:59	1
Chloroform	ND		0.20	0.025	ppb v/v			05/07/14 02:59	1
Chloromethane	**0.53**		0.50	0.14	ppb v/v			05/07/14 02:59	1
cis-1,2-Dichloroethene	ND		0.20	0.038	ppb v/v			05/07/14 02:59	1
cis-1,3-Dichloropropene	ND		0.20	0.028	ppb v/v			05/07/14 02:59	1
Cumene	ND		0.20	0.016	ppb v/v			05/07/14 02:59	1
Cyclohexane	ND		0.20	0.025	ppb v/v			05/07/14 02:59	1
Dibromochloromethane	ND		0.20	0.020	ppb v/v			05/07/14 02:59	1
Dichlorodifluoromethane	**0.45**	**J**	0.50	0.030	ppb v/v			05/07/14 02:59	1
Ethylbenzene	ND		0.20	0.013	ppb v/v			05/07/14 02:59	1
Freon 22	**0.55**		0.50	0.048	ppb v/v			05/07/14 02:59	1
Freon TF	**0.064**	**J**	0.20	0.018	ppb v/v			05/07/14 02:59	1
Hexachlorobutadiene	ND		0.20	0.022	ppb v/v			05/07/14 02:59	1
Isopropyl alcohol	**18**		5.0	0.22	ppb v/v			05/07/14 02:59	1
m,p-Xylene	**0.85**		0.50	0.023	ppb v/v			05/07/14 02:59	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.20	ppb v/v			05/07/14 02:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-1021
Date Collected: 05/02/14 13:45
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-18
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone	ND		0.50	0.24	ppb v/v			05/07/14 02:59	1
methyl isobutyl ketone	ND		0.50	0.027	ppb v/v			05/07/14 02:59	1
Methyl methacrylate	ND		0.50	0.030	ppb v/v			05/07/14 02:59	1
Methyl tert-butyl ether	ND		0.20	0.022	ppb v/v			05/07/14 02:59	1
Methylene Chloride	**0.22**	**J**	0.50	0.13	ppb v/v			05/07/14 02:59	1
Naphthalene	ND		0.50	0.20	ppb v/v			05/07/14 02:59	1
n-Butylbenzene	ND		0.20	0.080	ppb v/v			05/07/14 02:59	1
n-Heptane	**0.10**	**J**	0.20	0.046	ppb v/v			05/07/14 02:59	1
n-Hexane	**0.16**	**J**	0.20	0.034	ppb v/v			05/07/14 02:59	1
sec-Butylbenzene	ND		0.20	0.080	ppb v/v			05/07/14 02:59	1
Styrene	ND		0.20	0.018	ppb v/v			05/07/14 02:59	1
tert-Butyl alcohol	ND		5.0	0.33	ppb v/v			05/07/14 02:59	1
tert-Butylbenzene	ND		0.20	0.017	ppb v/v			05/07/14 02:59	1
Tetrachloroethene	**0.022**	**J**	0.20	0.016	ppb v/v			05/07/14 02:59	1
Tetrahydrofuran	ND		5.0	0.046	ppb v/v			05/07/14 02:59	1
Toluene	**0.94**		0.20	0.017	ppb v/v			05/07/14 02:59	1
trans-1,2-Dichloroethene	ND		0.20	0.029	ppb v/v			05/07/14 02:59	1
trans-1,3-Dichloropropene	ND		0.20	0.022	ppb v/v			05/07/14 02:59	1
Trichloroethene	**0.041**	**J**	0.20	0.024	ppb v/v			05/07/14 02:59	1
Trichlorofluoromethane	**0.20**		0.20	0.030	ppb v/v			05/07/14 02:59	1
Vinyl chloride	ND		0.20	0.038	ppb v/v			05/07/14 02:59	1
Xylene (total)	**2.5**		0.20	0.034	ppb v/v			05/07/14 02:59	1
Xylene, o-	**1.6**		0.20	0.016	ppb v/v			05/07/14 02:59	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	0.11	ug/m3			05/07/14 02:59	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.11	ug/m3			05/07/14 02:59	1
1,1,2-Trichloroethane	ND		1.1	0.093	ug/m3			05/07/14 02:59	1
1,1-Dichloroethane	ND		0.81	0.15	ug/m3			05/07/14 02:59	1
1,1-Dichloroethene	ND		0.79	0.095	ug/m3			05/07/14 02:59	1
1,2,4-Trichlorobenzene	ND		3.7	0.20	ug/m3			05/07/14 02:59	1
1,2,4-Trimethylbenzene	**140**		0.98	0.069	ug/m3			05/07/14 02:59	1
1,2-Dibromoethane	ND		1.5	0.15	ug/m3			05/07/14 02:59	1
1,2-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/07/14 02:59	1
1,2-Dichloroethane	ND		0.81	0.069	ug/m3			05/07/14 02:59	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			05/07/14 02:59	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.24	ug/m3			05/07/14 02:59	1
1,3,5-Trimethylbenzene	**53**		0.98	0.059	ug/m3			05/07/14 02:59	1
1,3-Butadiene	**0.22**	**J**	0.44	0.093	ug/m3			05/07/14 02:59	1
1,3-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/07/14 02:59	1
1,4-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/07/14 02:59	1
1,4-Dioxane	ND		18	0.72	ug/m3			05/07/14 02:59	1
2,2,4-Trimethylpentane	ND		0.93	0.13	ug/m3			05/07/14 02:59	1
2-Chlorotoluene	ND		1.0	0.067	ug/m3			05/07/14 02:59	1
3-Chloropropene	ND		1.6	0.11	ug/m3			05/07/14 02:59	1
4-Ethyltoluene	**48**		0.98	0.088	ug/m3			05/07/14 02:59	1
4-Isopropyltoluene	**1.6**		1.1	0.44	ug/m3			05/07/14 02:59	1
Acetone	**9.0**	**J**	12	3.0	ug/m3			05/07/14 02:59	1
Benzene	**0.56**	**J**	0.64	0.061	ug/m3			05/07/14 02:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-1021
Date Collected: 05/02/14 13:45
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-18
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		1.0	0.41	ug/m3			05/07/14 02:59	1
Bromodichloromethane	ND		1.3	0.11	ug/m3			05/07/14 02:59	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.13	ug/m3			05/07/14 02:59	1
Bromoform	ND		2.1	0.10	ug/m3			05/07/14 02:59	1
Bromomethane	ND		0.78	0.11	ug/m3			05/07/14 02:59	1
Carbon disulfide	ND		1.6	0.21	ug/m3			05/07/14 02:59	1
Carbon tetrachloride	**0.44**	**J**	1.3	0.13	ug/m3			05/07/14 02:59	1
Chlorobenzene	ND		0.92	0.037	ug/m3			05/07/14 02:59	1
Chloroethane	ND		1.3	0.079	ug/m3			05/07/14 02:59	1
Chloroform	ND		0.98	0.12	ug/m3			05/07/14 02:59	1
Chloromethane	**1.1**		1.0	0.28	ug/m3			05/07/14 02:59	1
cis-1,2-Dichloroethene	ND		0.79	0.15	ug/m3			05/07/14 02:59	1
cis-1,3-Dichloropropene	ND		0.91	0.13	ug/m3			05/07/14 02:59	1
Cumene	ND		0.98	0.079	ug/m3			05/07/14 02:59	1
Cyclohexane	ND		0.69	0.086	ug/m3			05/07/14 02:59	1
Dibromochloromethane	ND		1.7	0.17	ug/m3			05/07/14 02:59	1
Dichlorodifluoromethane	**2.2**	**J**	2.5	0.15	ug/m3			05/07/14 02:59	1
Ethylbenzene	ND		0.87	0.056	ug/m3			05/07/14 02:59	1
Freon 22	**1.9**		1.8	0.17	ug/m3			05/07/14 02:59	1
Freon TF	**0.49**	**J**	1.5	0.14	ug/m3			05/07/14 02:59	1
Hexachlorobutadiene	ND		2.1	0.23	ug/m3			05/07/14 02:59	1
Isopropyl alcohol	**45**		12	0.53	ug/m3			05/07/14 02:59	1
m,p-Xylene	**3.7**		2.2	0.10	ug/m3			05/07/14 02:59	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			05/07/14 02:59	1
Methyl Ethyl Ketone	ND		1.5	0.71	ug/m3			05/07/14 02:59	1
methyl isobutyl ketone	ND		2.0	0.11	ug/m3			05/07/14 02:59	1
Methyl methacrylate	ND		2.0	0.12	ug/m3			05/07/14 02:59	1
Methyl tert-butyl ether	ND		0.72	0.079	ug/m3			05/07/14 02:59	1
Methylene Chloride	**0.76**	**J**	1.7	0.43	ug/m3			05/07/14 02:59	1
Naphthalene	ND		2.6	1.0	ug/m3			05/07/14 02:59	1
n-Butylbenzene	ND		1.1	0.44	ug/m3			05/07/14 02:59	1
n-Heptane	**0.41**	**J**	0.82	0.19	ug/m3			05/07/14 02:59	1
n-Hexane	**0.57**	**J**	0.70	0.12	ug/m3			05/07/14 02:59	1
sec-Butylbenzene	ND		1.1	0.44	ug/m3			05/07/14 02:59	1
Styrene	ND		0.85	0.077	ug/m3			05/07/14 02:59	1
tert-Butyl alcohol	ND		15	0.99	ug/m3			05/07/14 02:59	1
tert-Butylbenzene	ND		1.1	0.093	ug/m3			05/07/14 02:59	1
Tetrachloroethene	**0.15**	**J**	1.4	0.11	ug/m3			05/07/14 02:59	1
Tetrahydrofuran	ND		15	0.14	ug/m3			05/07/14 02:59	1
Toluene	**3.5**		0.75	0.064	ug/m3			05/07/14 02:59	1
trans-1,2-Dichloroethene	ND		0.79	0.11	ug/m3			05/07/14 02:59	1
trans-1,3-Dichloropropene	ND		0.91	0.10	ug/m3			05/07/14 02:59	1
Trichloroethene	**0.22**	**J**	1.1	0.13	ug/m3			05/07/14 02:59	1
Trichlorofluoromethane	**1.1**		1.1	0.17	ug/m3			05/07/14 02:59	1
Vinyl chloride	ND		0.51	0.097	ug/m3			05/07/14 02:59	1
Xylene (total)	**11**		0.87	0.15	ug/m3			05/07/14 02:59	1
Xylene, o-	**6.8**		0.87	0.069	ug/m3			05/07/14 02:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-1030
Date Collected: 05/02/14 18:40
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-19
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.3		0.20	0.021	ppb v/v			05/09/14 00:22	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.016	ppb v/v			05/09/14 00:22	1
1,1,2-Trichloroethane	ND		0.20	0.017	ppb v/v			05/09/14 00:22	1
1,1-Dichloroethane	0.82		0.20	0.038	ppb v/v			05/09/14 00:22	1
1,1-Dichloroethene	ND		0.20	0.024	ppb v/v			05/09/14 00:22	1
1,2,4-Trichlorobenzene	ND		0.50	0.027	ppb v/v			05/09/14 00:22	1
1,2,4-Trimethylbenzene	5.5		0.20	0.014	ppb v/v			05/09/14 00:22	1
1,2-Dibromoethane	ND		0.20	0.020	ppb v/v			05/09/14 00:22	1
1,2-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/09/14 00:22	1
1,2-Dichloroethane	ND		0.20	0.017	ppb v/v			05/09/14 00:22	1
1,2-Dichloropropane	ND		0.20	0.032	ppb v/v			05/09/14 00:22	1
1,2-Dichlorotetrafluoroethane	0.53		0.20	0.035	ppb v/v			05/09/14 00:22	1
1,3,5-Trimethylbenzene	3.6		0.20	0.012	ppb v/v			05/09/14 00:22	1
1,3-Butadiene	ND		0.20	0.042	ppb v/v			05/09/14 00:22	1
1,3-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/09/14 00:22	1
1,4-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/09/14 00:22	1
1,4-Dioxane	ND		5.0	0.20	ppb v/v			05/09/14 00:22	1
2,2,4-Trimethylpentane	ND		0.20	0.027	ppb v/v			05/09/14 00:22	1
2-Chlorotoluene	ND		0.20	0.013	ppb v/v			05/09/14 00:22	1
3-Chloropropene	ND		0.50	0.034	ppb v/v			05/09/14 00:22	1
4-Ethyltoluene	1.3		0.20	0.018	ppb v/v			05/09/14 00:22	1
4-Isopropyltoluene	0.22		0.20	0.080	ppb v/v			05/09/14 00:22	1
Acetone	32		5.0	1.3	ppb v/v			05/09/14 00:22	1
Benzene	3.1		0.20	0.019	ppb v/v			05/09/14 00:22	1
Benzyl chloride	ND		0.20	0.080	ppb v/v			05/09/14 00:22	1
Bromodichloromethane	ND		0.20	0.017	ppb v/v			05/09/14 00:22	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.030	ppb v/v			05/09/14 00:22	1
Bromoform	ND		0.20	0.010	ppb v/v			05/09/14 00:22	1
Bromomethane	ND		0.20	0.028	ppb v/v			05/09/14 00:22	1
Carbon disulfide	5.5		0.50	0.066	ppb v/v			05/09/14 00:22	1
Carbon tetrachloride	0.050	J	0.20	0.021	ppb v/v			05/09/14 00:22	1
Chlorobenzene	0.033	J	0.20	0.0081	ppb v/v			05/09/14 00:22	1
Chloroethane	ND		0.50	0.030	ppb v/v			05/09/14 00:22	1
Chloroform	0.37		0.20	0.025	ppb v/v			05/09/14 00:22	1
Chloromethane	0.20	J	0.50	0.14	ppb v/v			05/09/14 00:22	1
cis-1,2-Dichloroethene	1.8		0.20	0.038	ppb v/v			05/09/14 00:22	1
cis-1,3-Dichloropropene	ND		0.20	0.028	ppb v/v			05/09/14 00:22	1
Cumene	0.32		0.20	0.016	ppb v/v			05/09/14 00:22	1
Cyclohexane	2.3		0.20	0.025	ppb v/v			05/09/14 00:22	1
Dibromochloromethane	ND		0.20	0.020	ppb v/v			05/09/14 00:22	1
Dichlorodifluoromethane	0.55		0.50	0.030	ppb v/v			05/09/14 00:22	1
Ethylbenzene	1.2		0.20	0.013	ppb v/v			05/09/14 00:22	1
Freon 22	0.70		0.50	0.048	ppb v/v			05/09/14 00:22	1
Freon TF	6.5		0.20	0.018	ppb v/v			05/09/14 00:22	1
Hexachlorobutadiene	ND		0.20	0.022	ppb v/v			05/09/14 00:22	1
Isopropyl alcohol	2.8	J	5.0	0.22	ppb v/v			05/09/14 00:22	1
m,p-Xylene	12		0.50	0.023	ppb v/v			05/09/14 00:22	1
Methyl Butyl Ketone (2-Hexanone)	1.3		0.50	0.20	ppb v/v			05/09/14 00:22	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-1030
Date Collected: 05/02/14 18:40
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-19
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone	**6.5**		0.50	0.24	ppb v/v			05/09/14 00:22	1
methyl isobutyl ketone	ND		0.50	0.027	ppb v/v			05/09/14 00:22	1
Methyl methacrylate	ND		0.50	0.030	ppb v/v			05/09/14 00:22	1
Methyl tert-butyl ether	ND		0.20	0.022	ppb v/v			05/09/14 00:22	1
Methylene Chloride	**0.56**		0.50	0.13	ppb v/v			05/09/14 00:22	1
Naphthalene	**0.34**	**J**	0.50	0.20	ppb v/v			05/09/14 00:22	1
n-Butylbenzene	ND		0.20	0.080	ppb v/v			05/09/14 00:22	1
n-Heptane	**7.1**		0.20	0.046	ppb v/v			05/09/14 00:22	1
n-Hexane	**3.7**		0.20	0.034	ppb v/v			05/09/14 00:22	1
sec-Butylbenzene	**0.31**		0.20	0.080	ppb v/v			05/09/14 00:22	1
Styrene	**0.11**	**J**	0.20	0.018	ppb v/v			05/09/14 00:22	1
tert-Butyl alcohol	**0.48**	**J**	5.0	0.33	ppb v/v			05/09/14 00:22	1
tert-Butylbenzene	ND		0.20	0.017	ppb v/v			05/09/14 00:22	1
Tetrachloroethene	**1.0**		0.20	0.016	ppb v/v			05/09/14 00:22	1
Tetrahydrofuran	ND		5.0	0.046	ppb v/v			05/09/14 00:22	1
Toluene	**34**		0.20	0.017	ppb v/v			05/09/14 00:22	1
trans-1,2-Dichloroethene	**0.24**		0.20	0.029	ppb v/v			05/09/14 00:22	1
trans-1,3-Dichloropropene	ND		0.20	0.022	ppb v/v			05/09/14 00:22	1
Trichloroethene	**13**		0.20	0.024	ppb v/v			05/09/14 00:22	1
Trichlorofluoromethane	**0.24**		0.20	0.030	ppb v/v			05/09/14 00:22	1
Vinyl chloride	**0.20**		0.20	0.038	ppb v/v			05/09/14 00:22	1
Xylene (total)	**15**		0.20	0.034	ppb v/v			05/09/14 00:22	1
Xylene, o-	**3.3**		0.20	0.016	ppb v/v			05/09/14 00:22	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**6.9**		1.1	0.11	ug/m3			05/09/14 00:22	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.11	ug/m3			05/09/14 00:22	1
1,1,2-Trichloroethane	ND		1.1	0.093	ug/m3			05/09/14 00:22	1
1,1-Dichloroethane	**3.3**		0.81	0.15	ug/m3			05/09/14 00:22	1
1,1-Dichloroethene	ND		0.79	0.095	ug/m3			05/09/14 00:22	1
1,2,4-Trichlorobenzene	ND		3.7	0.20	ug/m3			05/09/14 00:22	1
1,2,4-Trimethylbenzene	**27**		0.98	0.069	ug/m3			05/09/14 00:22	1
1,2-Dibromoethane	ND		1.5	0.15	ug/m3			05/09/14 00:22	1
1,2-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/09/14 00:22	1
1,2-Dichloroethane	ND		0.81	0.069	ug/m3			05/09/14 00:22	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			05/09/14 00:22	1
1,2-Dichlorotetrafluoroethane	**3.7**		1.4	0.24	ug/m3			05/09/14 00:22	1
1,3,5-Trimethylbenzene	**18**		0.98	0.059	ug/m3			05/09/14 00:22	1
1,3-Butadiene	ND		0.44	0.093	ug/m3			05/09/14 00:22	1
1,3-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/09/14 00:22	1
1,4-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/09/14 00:22	1
1,4-Dioxane	ND		18	0.72	ug/m3			05/09/14 00:22	1
2,2,4-Trimethylpentane	ND		0.93	0.13	ug/m3			05/09/14 00:22	1
2-Chlorotoluene	ND		1.0	0.067	ug/m3			05/09/14 00:22	1
3-Chloropropene	ND		1.6	0.11	ug/m3			05/09/14 00:22	1
4-Ethyltoluene	**6.4**		0.98	0.088	ug/m3			05/09/14 00:22	1
4-Isopropyltoluene	**1.2**		1.1	0.44	ug/m3			05/09/14 00:22	1
Acetone	**77**		12	3.0	ug/m3			05/09/14 00:22	1
Benzene	**10**		0.64	0.061	ug/m3			05/09/14 00:22	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-1030
Date Collected: 05/02/14 18:40
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-19
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		1.0	0.41	ug/m3			05/09/14 00:22	1
Bromodichloromethane	ND		1.3	0.11	ug/m3			05/09/14 00:22	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.13	ug/m3			05/09/14 00:22	1
Bromoform	ND		2.1	0.10	ug/m3			05/09/14 00:22	1
Bromomethane	ND		0.78	0.11	ug/m3			05/09/14 00:22	1
Carbon disulfide	**17**		1.6	0.21	ug/m3			05/09/14 00:22	1
Carbon tetrachloride	**0.31**	**J**	1.3	0.13	ug/m3			05/09/14 00:22	1
Chlorobenzene	**0.15**	**J**	0.92	0.037	ug/m3			05/09/14 00:22	1
Chloroethane	ND		1.3	0.079	ug/m3			05/09/14 00:22	1
Chloroform	**1.8**		0.98	0.12	ug/m3			05/09/14 00:22	1
Chloromethane	**0.41**	**J**	1.0	0.28	ug/m3			05/09/14 00:22	1
cis-1,2-Dichloroethene	**7.0**		0.79	0.15	ug/m3			05/09/14 00:22	1
cis-1,3-Dichloropropene	ND		0.91	0.13	ug/m3			05/09/14 00:22	1
Cumene	**1.6**		0.98	0.079	ug/m3			05/09/14 00:22	1
Cyclohexane	**7.8**		0.69	0.086	ug/m3			05/09/14 00:22	1
Dibromochloromethane	ND		1.7	0.17	ug/m3			05/09/14 00:22	1
Dichlorodifluoromethane	**2.7**		2.5	0.15	ug/m3			05/09/14 00:22	1
Ethylbenzene	**5.0**		0.87	0.056	ug/m3			05/09/14 00:22	1
Freon 22	**2.5**		1.8	0.17	ug/m3			05/09/14 00:22	1
Freon TF	**50**		1.5	0.14	ug/m3			05/09/14 00:22	1
Hexachlorobutadiene	ND		2.1	0.23	ug/m3			05/09/14 00:22	1
Isopropyl alcohol	**7.0**	**J**	12	0.53	ug/m3			05/09/14 00:22	1
m,p-Xylene	**52**		2.2	0.10	ug/m3			05/09/14 00:22	1
Methyl Butyl Ketone (2-Hexanone)	**5.4**		2.0	0.82	ug/m3			05/09/14 00:22	1
Methyl Ethyl Ketone	**19**		1.5	0.71	ug/m3			05/09/14 00:22	1
methyl isobutyl ketone	ND		2.0	0.11	ug/m3			05/09/14 00:22	1
Methyl methacrylate	ND		2.0	0.12	ug/m3			05/09/14 00:22	1
Methyl tert-butyl ether	ND		0.72	0.079	ug/m3			05/09/14 00:22	1
Methylene Chloride	**1.9**		1.7	0.43	ug/m3			05/09/14 00:22	1
Naphthalene	**1.8**	**J**	2.6	1.0	ug/m3			05/09/14 00:22	1
n-Butylbenzene	ND		1.1	0.44	ug/m3			05/09/14 00:22	1
n-Heptane	**29**		0.82	0.19	ug/m3			05/09/14 00:22	1
n-Hexane	**13**		0.70	0.12	ug/m3			05/09/14 00:22	1
sec-Butylbenzene	**1.7**		1.1	0.44	ug/m3			05/09/14 00:22	1
Styrene	**0.45**	**J**	0.85	0.077	ug/m3			05/09/14 00:22	1
tert-Butyl alcohol	**1.5**	**J**	15	0.99	ug/m3			05/09/14 00:22	1
tert-Butylbenzene	ND		1.1	0.093	ug/m3			05/09/14 00:22	1
Tetrachloroethene	**6.9**		1.4	0.11	ug/m3			05/09/14 00:22	1
Tetrahydrofuran	ND		15	0.14	ug/m3			05/09/14 00:22	1
Toluene	**130**		0.75	0.064	ug/m3			05/09/14 00:22	1
trans-1,2-Dichloroethene	**0.96**		0.79	0.11	ug/m3			05/09/14 00:22	1
trans-1,3-Dichloropropene	ND		0.91	0.10	ug/m3			05/09/14 00:22	1
Trichloroethene	**72**		1.1	0.13	ug/m3			05/09/14 00:22	1
Trichlorofluoromethane	**1.4**		1.1	0.17	ug/m3			05/09/14 00:22	1
Vinyl chloride	**0.51**		0.51	0.097	ug/m3			05/09/14 00:22	1
Xylene (total)	**66**		0.87	0.15	ug/m3			05/09/14 00:22	1
Xylene, o-	**14**		0.87	0.069	ug/m3			05/09/14 00:22	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-1032
Date Collected: 05/02/14 18:40
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-20
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20	0.021	ppb v/v			05/07/14 03:51	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.016	ppb v/v			05/07/14 03:51	1
1,1,2-Trichloroethane	ND		0.20	0.017	ppb v/v			05/07/14 03:51	1
1,1-Dichloroethane	ND		0.20	0.038	ppb v/v			05/07/14 03:51	1
1,1-Dichloroethene	ND		0.20	0.024	ppb v/v			05/07/14 03:51	1
1,2,4-Trichlorobenzene	ND		0.50	0.027	ppb v/v			05/07/14 03:51	1
1,2,4-Trimethylbenzene	**13**		0.20	0.014	ppb v/v			05/07/14 03:51	1
1,2-Dibromoethane	ND		0.20	0.020	ppb v/v			05/07/14 03:51	1
1,2-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/07/14 03:51	1
1,2-Dichloroethane	ND		0.20	0.017	ppb v/v			05/07/14 03:51	1
1,2-Dichloropropane	ND		0.20	0.032	ppb v/v			05/07/14 03:51	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.035	ppb v/v			05/07/14 03:51	1
1,3,5-Trimethylbenzene	**4.6**		0.20	0.012	ppb v/v			05/07/14 03:51	1
1,3-Butadiene	**0.15**	**J**	0.20	0.042	ppb v/v			05/07/14 03:51	1
1,3-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/07/14 03:51	1
1,4-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/07/14 03:51	1
1,4-Dioxane	**0.50**	**J**	5.0	0.20	ppb v/v			05/07/14 03:51	1
2,2,4-Trimethylpentane	ND		0.20	0.027	ppb v/v			05/07/14 03:51	1
2-Chlorotoluene	ND		0.20	0.013	ppb v/v			05/07/14 03:51	1
3-Chloropropene	ND		0.50	0.034	ppb v/v			05/07/14 03:51	1
4-Ethyltoluene	**3.9**		0.20	0.018	ppb v/v			05/07/14 03:51	1
4-Isopropyltoluene	**0.11**	**J**	0.20	0.080	ppb v/v			05/07/14 03:51	1
Acetone	**3.1**	**J**	5.0	1.3	ppb v/v			05/07/14 03:51	1
Benzene	**0.17**	**J**	0.20	0.019	ppb v/v			05/07/14 03:51	1
Benzyl chloride	ND		0.20	0.080	ppb v/v			05/07/14 03:51	1
Bromodichloromethane	ND		0.20	0.017	ppb v/v			05/07/14 03:51	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.030	ppb v/v			05/07/14 03:51	1
Bromoform	ND		0.20	0.010	ppb v/v			05/07/14 03:51	1
Bromomethane	ND		0.20	0.028	ppb v/v			05/07/14 03:51	1
Carbon disulfide	ND		0.50	0.066	ppb v/v			05/07/14 03:51	1
Carbon tetrachloride	**0.067**	**J**	0.20	0.021	ppb v/v			05/07/14 03:51	1
Chlorobenzene	ND		0.20	0.0081	ppb v/v			05/07/14 03:51	1
Chloroethane	ND		0.50	0.030	ppb v/v			05/07/14 03:51	1
Chloroform	ND		0.20	0.025	ppb v/v			05/07/14 03:51	1
Chloromethane	**0.52**		0.50	0.14	ppb v/v			05/07/14 03:51	1
cis-1,2-Dichloroethene	ND		0.20	0.038	ppb v/v			05/07/14 03:51	1
cis-1,3-Dichloropropene	ND		0.20	0.028	ppb v/v			05/07/14 03:51	1
Cumene	ND		0.20	0.016	ppb v/v			05/07/14 03:51	1
Cyclohexane	ND		0.20	0.025	ppb v/v			05/07/14 03:51	1
Dibromochloromethane	ND		0.20	0.020	ppb v/v			05/07/14 03:51	1
Dichlorodifluoromethane	**0.44**	**J**	0.50	0.030	ppb v/v			05/07/14 03:51	1
Ethylbenzene	**0.93**		0.20	0.013	ppb v/v			05/07/14 03:51	1
Freon 22	**0.51**		0.50	0.048	ppb v/v			05/07/14 03:51	1
Freon TF	**0.062**	**J**	0.20	0.018	ppb v/v			05/07/14 03:51	1
Hexachlorobutadiene	ND		0.20	0.022	ppb v/v			05/07/14 03:51	1
Isopropyl alcohol	**7.3**		5.0	0.22	ppb v/v			05/07/14 03:51	1
m,p-Xylene	**3.8**		0.50	0.023	ppb v/v			05/07/14 03:51	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.20	ppb v/v			05/07/14 03:51	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-1032
Date Collected: 05/02/14 18:40
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-20
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone	**0.56**		0.50	0.24	ppb v/v			05/07/14 03:51	1
methyl isobutyl ketone	ND		0.50	0.027	ppb v/v			05/07/14 03:51	1
Methyl methacrylate	ND		0.50	0.030	ppb v/v			05/07/14 03:51	1
Methyl tert-butyl ether	ND		0.20	0.022	ppb v/v			05/07/14 03:51	1
Methylene Chloride	**0.21**	**J**	0.50	0.13	ppb v/v			05/07/14 03:51	1
Naphthalene	ND		0.50	0.20	ppb v/v			05/07/14 03:51	1
n-Butylbenzene	ND		0.20	0.080	ppb v/v			05/07/14 03:51	1
n-Heptane	**0.10**	**J**	0.20	0.046	ppb v/v			05/07/14 03:51	1
n-Hexane	ND		0.20	0.034	ppb v/v			05/07/14 03:51	1
sec-Butylbenzene	ND		0.20	0.080	ppb v/v			05/07/14 03:51	1
Styrene	ND		0.20	0.018	ppb v/v			05/07/14 03:51	1
tert-Butyl alcohol	ND		5.0	0.33	ppb v/v			05/07/14 03:51	1
tert-Butylbenzene	ND		0.20	0.017	ppb v/v			05/07/14 03:51	1
Tetrachloroethene	ND		0.20	0.016	ppb v/v			05/07/14 03:51	1
Tetrahydrofuran	ND		5.0	0.046	ppb v/v			05/07/14 03:51	1
Toluene	**0.44**		0.20	0.017	ppb v/v			05/07/14 03:51	1
trans-1,2-Dichloroethene	ND		0.20	0.029	ppb v/v			05/07/14 03:51	1
trans-1,3-Dichloropropene	ND		0.20	0.022	ppb v/v			05/07/14 03:51	1
Trichloroethene	ND		0.20	0.024	ppb v/v			05/07/14 03:51	1
Trichlorofluoromethane	**0.18**	**J**	0.20	0.030	ppb v/v			05/07/14 03:51	1
Vinyl chloride	ND		0.20	0.038	ppb v/v			05/07/14 03:51	1
Xylene (total)	**5.3**		0.20	0.034	ppb v/v			05/07/14 03:51	1
Xylene, o-	**1.5**		0.20	0.016	ppb v/v			05/07/14 03:51	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	0.11	ug/m3			05/07/14 03:51	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.11	ug/m3			05/07/14 03:51	1
1,1,2-Trichloroethane	ND		1.1	0.093	ug/m3			05/07/14 03:51	1
1,1-Dichloroethane	ND		0.81	0.15	ug/m3			05/07/14 03:51	1
1,1-Dichloroethene	ND		0.79	0.095	ug/m3			05/07/14 03:51	1
1,2,4-Trichlorobenzene	ND		3.7	0.20	ug/m3			05/07/14 03:51	1
1,2,4-Trimethylbenzene	**66**		0.98	0.069	ug/m3			05/07/14 03:51	1
1,2-Dibromoethane	ND		1.5	0.15	ug/m3			05/07/14 03:51	1
1,2-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/07/14 03:51	1
1,2-Dichloroethane	ND		0.81	0.069	ug/m3			05/07/14 03:51	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			05/07/14 03:51	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.24	ug/m3			05/07/14 03:51	1
1,3,5-Trimethylbenzene	**22**		0.98	0.059	ug/m3			05/07/14 03:51	1
1,3-Butadiene	**0.34**	**J**	0.44	0.093	ug/m3			05/07/14 03:51	1
1,3-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/07/14 03:51	1
1,4-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/07/14 03:51	1
1,4-Dioxane	**1.8**	**J**	18	0.72	ug/m3			05/07/14 03:51	1
2,2,4-Trimethylpentane	ND		0.93	0.13	ug/m3			05/07/14 03:51	1
2-Chlorotoluene	ND		1.0	0.067	ug/m3			05/07/14 03:51	1
3-Chloropropene	ND		1.6	0.11	ug/m3			05/07/14 03:51	1
4-Ethyltoluene	**19**		0.98	0.088	ug/m3			05/07/14 03:51	1
4-Isopropyltoluene	**0.63**	**J**	1.1	0.44	ug/m3			05/07/14 03:51	1
Acetone	**7.4**	**J**	12	3.0	ug/m3			05/07/14 03:51	1
Benzene	**0.55**	**J**	0.64	0.061	ug/m3			05/07/14 03:51	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-1032
Date Collected: 05/02/14 18:40
Date Received: 05/03/14 17:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-59199-20
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		1.0	0.41	ug/m3			05/07/14 03:51	1
Bromodichloromethane	ND		1.3	0.11	ug/m3			05/07/14 03:51	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.13	ug/m3			05/07/14 03:51	1
Bromoform	ND		2.1	0.10	ug/m3			05/07/14 03:51	1
Bromomethane	ND		0.78	0.11	ug/m3			05/07/14 03:51	1
Carbon disulfide	ND		1.6	0.21	ug/m3			05/07/14 03:51	1
Carbon tetrachloride	**0.42**	**J**	1.3	0.13	ug/m3			05/07/14 03:51	1
Chlorobenzene	ND		0.92	0.037	ug/m3			05/07/14 03:51	1
Chloroethane	ND		1.3	0.079	ug/m3			05/07/14 03:51	1
Chloroform	ND		0.98	0.12	ug/m3			05/07/14 03:51	1
Chloromethane	**1.1**		1.0	0.28	ug/m3			05/07/14 03:51	1
cis-1,2-Dichloroethene	ND		0.79	0.15	ug/m3			05/07/14 03:51	1
cis-1,3-Dichloropropene	ND		0.91	0.13	ug/m3			05/07/14 03:51	1
Cumene	ND		0.98	0.079	ug/m3			05/07/14 03:51	1
Cyclohexane	ND		0.69	0.086	ug/m3			05/07/14 03:51	1
Dibromochloromethane	ND		1.7	0.17	ug/m3			05/07/14 03:51	1
Dichlorodifluoromethane	**2.2**	**J**	2.5	0.15	ug/m3			05/07/14 03:51	1
Ethylbenzene	**4.0**		0.87	0.056	ug/m3			05/07/14 03:51	1
Freon 22	**1.8**		1.8	0.17	ug/m3			05/07/14 03:51	1
Freon TF	**0.48**	**J**	1.5	0.14	ug/m3			05/07/14 03:51	1
Hexachlorobutadiene	ND		2.1	0.23	ug/m3			05/07/14 03:51	1
Isopropyl alcohol	**18**		12	0.53	ug/m3			05/07/14 03:51	1
m,p-Xylene	**17**		2.2	0.10	ug/m3			05/07/14 03:51	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			05/07/14 03:51	1
Methyl Ethyl Ketone	**1.7**		1.5	0.71	ug/m3			05/07/14 03:51	1
methyl isobutyl ketone	ND		2.0	0.11	ug/m3			05/07/14 03:51	1
Methyl methacrylate	ND		2.0	0.12	ug/m3			05/07/14 03:51	1
Methyl tert-butyl ether	ND		0.72	0.079	ug/m3			05/07/14 03:51	1
Methylene Chloride	**0.74**	**J**	1.7	0.43	ug/m3			05/07/14 03:51	1
Naphthalene	ND		2.6	1.0	ug/m3			05/07/14 03:51	1
n-Butylbenzene	ND		1.1	0.44	ug/m3			05/07/14 03:51	1
n-Heptane	**0.42**	**J**	0.82	0.19	ug/m3			05/07/14 03:51	1
n-Hexane	ND		0.70	0.12	ug/m3			05/07/14 03:51	1
sec-Butylbenzene	ND		1.1	0.44	ug/m3			05/07/14 03:51	1
Styrene	ND		0.85	0.077	ug/m3			05/07/14 03:51	1
tert-Butyl alcohol	ND		15	0.99	ug/m3			05/07/14 03:51	1
tert-Butylbenzene	ND		1.1	0.093	ug/m3			05/07/14 03:51	1
Tetrachloroethene	ND		1.4	0.11	ug/m3			05/07/14 03:51	1
Tetrahydrofuran	ND		15	0.14	ug/m3			05/07/14 03:51	1
Toluene	**1.7**		0.75	0.064	ug/m3			05/07/14 03:51	1
trans-1,2-Dichloroethene	ND		0.79	0.11	ug/m3			05/07/14 03:51	1
trans-1,3-Dichloropropene	ND		0.91	0.10	ug/m3			05/07/14 03:51	1
Trichloroethene	ND		1.1	0.13	ug/m3			05/07/14 03:51	1
Trichlorofluoromethane	**1.0**	**J**	1.1	0.17	ug/m3			05/07/14 03:51	1
Vinyl chloride	ND		0.51	0.097	ug/m3			05/07/14 03:51	1
Xylene (total)	**23**		0.87	0.15	ug/m3			05/07/14 03:51	1
Xylene, o-	**6.7**		0.87	0.069	ug/m3			05/07/14 03:51	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 200-71691/4
Matrix: Air
Analysis Batch: 71691

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20	0.021	ppb v/v			05/06/14 13:07	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.016	ppb v/v			05/06/14 13:07	1
1,1,2-Trichloroethane	ND		0.20	0.017	ppb v/v			05/06/14 13:07	1
1,1-Dichloroethane	ND		0.20	0.038	ppb v/v			05/06/14 13:07	1
1,1-Dichloroethene	ND		0.20	0.024	ppb v/v			05/06/14 13:07	1
1,2,4-Trichlorobenzene	ND		0.50	0.027	ppb v/v			05/06/14 13:07	1
1,2,4-Trimethylbenzene	ND		0.20	0.014	ppb v/v			05/06/14 13:07	1
1,2-Dibromoethane	ND		0.20	0.020	ppb v/v			05/06/14 13:07	1
1,2-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/06/14 13:07	1
1,2-Dichloroethane	ND		0.20	0.017	ppb v/v			05/06/14 13:07	1
1,2-Dichloropropane	ND		0.20	0.032	ppb v/v			05/06/14 13:07	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.035	ppb v/v			05/06/14 13:07	1
1,3,5-Trimethylbenzene	ND		0.20	0.012	ppb v/v			05/06/14 13:07	1
1,3-Butadiene	ND		0.20	0.042	ppb v/v			05/06/14 13:07	1
1,3-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/06/14 13:07	1
1,4-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/06/14 13:07	1
1,4-Dioxane	ND		5.0	0.20	ppb v/v			05/06/14 13:07	1
2,2,4-Trimethylpentane	ND		0.20	0.027	ppb v/v			05/06/14 13:07	1
2-Chlorotoluene	ND		0.20	0.013	ppb v/v			05/06/14 13:07	1
3-Chloropropene	ND		0.50	0.034	ppb v/v			05/06/14 13:07	1
4-Ethyltoluene	ND		0.20	0.018	ppb v/v			05/06/14 13:07	1
4-Isopropyltoluene	ND		0.20	0.080	ppb v/v			05/06/14 13:07	1
Acetone	ND		5.0	1.3	ppb v/v			05/06/14 13:07	1
Benzene	ND		0.20	0.019	ppb v/v			05/06/14 13:07	1
Benzyl chloride	ND		0.20	0.080	ppb v/v			05/06/14 13:07	1
Bromodichloromethane	ND		0.20	0.017	ppb v/v			05/06/14 13:07	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.030	ppb v/v			05/06/14 13:07	1
Bromoform	ND		0.20	0.010	ppb v/v			05/06/14 13:07	1
Bromomethane	ND		0.20	0.028	ppb v/v			05/06/14 13:07	1
Carbon disulfide	ND		0.50	0.066	ppb v/v			05/06/14 13:07	1
Carbon tetrachloride	ND		0.20	0.021	ppb v/v			05/06/14 13:07	1
Chlorobenzene	ND		0.20	0.0081	ppb v/v			05/06/14 13:07	1
Chloroethane	ND		0.50	0.030	ppb v/v			05/06/14 13:07	1
Chloroform	ND		0.20	0.025	ppb v/v			05/06/14 13:07	1
Chloromethane	ND		0.50	0.14	ppb v/v			05/06/14 13:07	1
cis-1,2-Dichloroethene	ND		0.20	0.038	ppb v/v			05/06/14 13:07	1
cis-1,3-Dichloropropene	ND		0.20	0.028	ppb v/v			05/06/14 13:07	1
Cumene	ND		0.20	0.016	ppb v/v			05/06/14 13:07	1
Cyclohexane	ND		0.20	0.025	ppb v/v			05/06/14 13:07	1
Dibromochloromethane	ND		0.20	0.020	ppb v/v			05/06/14 13:07	1
Dichlorodifluoromethane	ND		0.50	0.030	ppb v/v			05/06/14 13:07	1
Ethylbenzene	ND		0.20	0.013	ppb v/v			05/06/14 13:07	1
Freon 22	ND		0.50	0.048	ppb v/v			05/06/14 13:07	1
Freon TF	ND		0.20	0.018	ppb v/v			05/06/14 13:07	1
Hexachlorobutadiene	ND		0.20	0.022	ppb v/v			05/06/14 13:07	1
Isopropyl alcohol	ND		5.0	0.22	ppb v/v			05/06/14 13:07	1
m,p-Xylene	ND		0.50	0.023	ppb v/v			05/06/14 13:07	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.20	ppb v/v			05/06/14 13:07	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-71691/4
Matrix: Air
Analysis Batch: 71691

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone	ND		0.50	0.24	ppb v/v			05/06/14 13:07	1
methyl isobutyl ketone	ND		0.50	0.027	ppb v/v			05/06/14 13:07	1
Methyl methacrylate	ND		0.50	0.030	ppb v/v			05/06/14 13:07	1
Methyl tert-butyl ether	ND		0.20	0.022	ppb v/v			05/06/14 13:07	1
Methylene Chloride	ND		0.50	0.13	ppb v/v			05/06/14 13:07	1
Naphthalene	ND		0.50	0.20	ppb v/v			05/06/14 13:07	1
n-Butylbenzene	ND		0.20	0.080	ppb v/v			05/06/14 13:07	1
n-Heptane	ND		0.20	0.046	ppb v/v			05/06/14 13:07	1
n-Hexane	ND		0.20	0.034	ppb v/v			05/06/14 13:07	1
sec-Butylbenzene	ND		0.20	0.080	ppb v/v			05/06/14 13:07	1
Styrene	ND		0.20	0.018	ppb v/v			05/06/14 13:07	1
tert-Butyl alcohol	ND		5.0	0.33	ppb v/v			05/06/14 13:07	1
tert-Butylbenzene	ND		0.20	0.017	ppb v/v			05/06/14 13:07	1
Tetrachloroethene	ND		0.20	0.016	ppb v/v			05/06/14 13:07	1
Tetrahydrofuran	ND		5.0	0.046	ppb v/v			05/06/14 13:07	1
Toluene	ND		0.20	0.017	ppb v/v			05/06/14 13:07	1
trans-1,2-Dichloroethene	ND		0.20	0.029	ppb v/v			05/06/14 13:07	1
trans-1,3-Dichloropropene	ND		0.20	0.022	ppb v/v			05/06/14 13:07	1
Trichloroethene	ND		0.20	0.024	ppb v/v			05/06/14 13:07	1
Trichlorofluoromethane	ND		0.20	0.030	ppb v/v			05/06/14 13:07	1
Vinyl chloride	ND		0.20	0.038	ppb v/v			05/06/14 13:07	1
Xylene (total)	ND		0.20	0.034	ppb v/v			05/06/14 13:07	1
Xylene, o-	ND		0.20	0.016	ppb v/v			05/06/14 13:07	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	0.11	ug/m3			05/06/14 13:07	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.11	ug/m3			05/06/14 13:07	1
1,1,2-Trichloroethane	ND		1.1	0.093	ug/m3			05/06/14 13:07	1
1,1-Dichloroethane	ND		0.81	0.15	ug/m3			05/06/14 13:07	1
1,1-Dichloroethene	ND		0.79	0.095	ug/m3			05/06/14 13:07	1
1,2,4-Trichlorobenzene	ND		3.7	0.20	ug/m3			05/06/14 13:07	1
1,2,4-Trimethylbenzene	ND		0.98	0.069	ug/m3			05/06/14 13:07	1
1,2-Dibromoethane	ND		1.5	0.15	ug/m3			05/06/14 13:07	1
1,2-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/06/14 13:07	1
1,2-Dichloroethane	ND		0.81	0.069	ug/m3			05/06/14 13:07	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			05/06/14 13:07	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.24	ug/m3			05/06/14 13:07	1
1,3,5-Trimethylbenzene	ND		0.98	0.059	ug/m3			05/06/14 13:07	1
1,3-Butadiene	ND		0.44	0.093	ug/m3			05/06/14 13:07	1
1,3-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/06/14 13:07	1
1,4-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/06/14 13:07	1
1,4-Dioxane	ND		18	0.72	ug/m3			05/06/14 13:07	1
2,2,4-Trimethylpentane	ND		0.93	0.13	ug/m3			05/06/14 13:07	1
2-Chlorotoluene	ND		1.0	0.067	ug/m3			05/06/14 13:07	1
3-Chloropropene	ND		1.6	0.11	ug/m3			05/06/14 13:07	1
4-Ethyltoluene	ND		0.98	0.088	ug/m3			05/06/14 13:07	1
4-Isopropyltoluene	ND		1.1	0.44	ug/m3			05/06/14 13:07	1
Acetone	ND		12	3.0	ug/m3			05/06/14 13:07	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-71691/4
Matrix: Air
Analysis Batch: 71691

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.64	0.061	ug/m3			05/06/14 13:07	1
Benzyl chloride	ND		1.0	0.41	ug/m3			05/06/14 13:07	1
Bromodichloromethane	ND		1.3	0.11	ug/m3			05/06/14 13:07	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.13	ug/m3			05/06/14 13:07	1
Bromoform	ND		2.1	0.10	ug/m3			05/06/14 13:07	1
Bromomethane	ND		0.78	0.11	ug/m3			05/06/14 13:07	1
Carbon disulfide	ND		1.6	0.21	ug/m3			05/06/14 13:07	1
Carbon tetrachloride	ND		1.3	0.13	ug/m3			05/06/14 13:07	1
Chlorobenzene	ND		0.92	0.037	ug/m3			05/06/14 13:07	1
Chloroethane	ND		1.3	0.079	ug/m3			05/06/14 13:07	1
Chloroform	ND		0.98	0.12	ug/m3			05/06/14 13:07	1
Chloromethane	ND		1.0	0.28	ug/m3			05/06/14 13:07	1
cis-1,2-Dichloroethene	ND		0.79	0.15	ug/m3			05/06/14 13:07	1
cis-1,3-Dichloropropene	ND		0.91	0.13	ug/m3			05/06/14 13:07	1
Cumene	ND		0.98	0.079	ug/m3			05/06/14 13:07	1
Cyclohexane	ND		0.69	0.086	ug/m3			05/06/14 13:07	1
Dibromochloromethane	ND		1.7	0.17	ug/m3			05/06/14 13:07	1
Dichlorodifluoromethane	ND		2.5	0.15	ug/m3			05/06/14 13:07	1
Ethylbenzene	ND		0.87	0.056	ug/m3			05/06/14 13:07	1
Freon 22	ND		1.8	0.17	ug/m3			05/06/14 13:07	1
Freon TF	ND		1.5	0.14	ug/m3			05/06/14 13:07	1
Hexachlorobutadiene	ND		2.1	0.23	ug/m3			05/06/14 13:07	1
Isopropyl alcohol	ND		12	0.53	ug/m3			05/06/14 13:07	1
m,p-Xylene	ND		2.2	0.10	ug/m3			05/06/14 13:07	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			05/06/14 13:07	1
Methyl Ethyl Ketone	ND		1.5	0.71	ug/m3			05/06/14 13:07	1
methyl isobutyl ketone	ND		2.0	0.11	ug/m3			05/06/14 13:07	1
Methyl methacrylate	ND		2.0	0.12	ug/m3			05/06/14 13:07	1
Methyl tert-butyl ether	ND		0.72	0.079	ug/m3			05/06/14 13:07	1
Methylene Chloride	ND		1.7	0.43	ug/m3			05/06/14 13:07	1
Naphthalene	ND		2.6	1.0	ug/m3			05/06/14 13:07	1
n-Butylbenzene	ND		1.1	0.44	ug/m3			05/06/14 13:07	1
n-Heptane	ND		0.82	0.19	ug/m3			05/06/14 13:07	1
n-Hexane	ND		0.70	0.12	ug/m3			05/06/14 13:07	1
sec-Butylbenzene	ND		1.1	0.44	ug/m3			05/06/14 13:07	1
Styrene	ND		0.85	0.077	ug/m3			05/06/14 13:07	1
tert-Butyl alcohol	ND		15	0.99	ug/m3			05/06/14 13:07	1
tert-Butylbenzene	ND		1.1	0.093	ug/m3			05/06/14 13:07	1
Tetrachloroethene	ND		1.4	0.11	ug/m3			05/06/14 13:07	1
Tetrahydrofuran	ND		15	0.14	ug/m3			05/06/14 13:07	1
Toluene	ND		0.75	0.064	ug/m3			05/06/14 13:07	1
trans-1,2-Dichloroethene	ND		0.79	0.11	ug/m3			05/06/14 13:07	1
trans-1,3-Dichloropropene	ND		0.91	0.10	ug/m3			05/06/14 13:07	1
Trichloroethene	ND		1.1	0.13	ug/m3			05/06/14 13:07	1
Trichlorofluoromethane	ND		1.1	0.17	ug/m3			05/06/14 13:07	1
Vinyl chloride	ND		0.51	0.097	ug/m3			05/06/14 13:07	1
Xylene (total)	ND		0.87	0.15	ug/m3			05/06/14 13:07	1
Xylene, o-	ND		0.87	0.069	ug/m3			05/06/14 13:07	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-71691/3
Matrix: Air
Analysis Batch: 71691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	10.6		ppb v/v		106	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.46		ppb v/v		95	70 - 130
1,1,2-Trichloroethane	10.0	9.23		ppb v/v		92	70 - 130
1,1-Dichloroethane	10.0	8.66		ppb v/v		87	70 - 130
1,1-Dichloroethene	10.0	8.60		ppb v/v		86	70 - 130
1,2,4-Trichlorobenzene	10.0	9.33		ppb v/v		93	70 - 130
1,2,4-Trimethylbenzene	10.0	9.82		ppb v/v		98	70 - 130
1,2-Dibromoethane	10.0	9.69		ppb v/v		97	70 - 130
1,2-Dichlorobenzene	10.0	10.1		ppb v/v		101	70 - 130
1,2-Dichloroethane	10.0	10.7		ppb v/v		107	70 - 130
1,2-Dichloropropane	10.0	9.01		ppb v/v		90	70 - 130
1,2-Dichlorotetrafluoroethane	10.0	10.2		ppb v/v		102	70 - 130
1,3,5-Trimethylbenzene	10.0	10.0		ppb v/v		100	70 - 130
1,3-Butadiene	10.0	8.42		ppb v/v		84	70 - 130
1,3-Dichlorobenzene	10.0	10.1		ppb v/v		101	70 - 130
1,4-Dichlorobenzene	10.0	10.1		ppb v/v		101	70 - 130
1,4-Dioxane	10.0	8.84		ppb v/v		88	70 - 130
2,2,4-Trimethylpentane	10.0	9.10		ppb v/v		91	70 - 130
2-Chlorotoluene	10.0	9.86		ppb v/v		99	70 - 130
3-Chloropropene	10.0	7.87		ppb v/v		79	70 - 130
4-Ethyltoluene	10.0	10.2		ppb v/v		102	70 - 130
4-Isopropyltoluene	10.0	10.1		ppb v/v		101	70 - 130
Acetone	10.0	9.50		ppb v/v		95	70 - 130
Benzene	10.0	8.95		ppb v/v		89	70 - 130
Benzyl chloride	10.0	9.15		ppb v/v		92	70 - 130
Bromodichloromethane	10.0	9.97		ppb v/v		100	70 - 130
Bromoethene(Vinyl Bromide)	10.0	8.77		ppb v/v		88	70 - 130
Bromoform	10.0	10.3		ppb v/v		103	70 - 130
Bromomethane	10.0	8.52		ppb v/v		85	70 - 130
Carbon disulfide	10.0	9.88		ppb v/v		99	70 - 130
Carbon tetrachloride	10.0	10.4		ppb v/v		104	70 - 130
Chlorobenzene	10.0	9.54		ppb v/v		95	70 - 130
Chloroethane	10.0	8.74		ppb v/v		87	70 - 130
Chloroform	10.0	9.38		ppb v/v		94	70 - 130
Chloromethane	10.0	8.59		ppb v/v		86	70 - 130
cis-1,2-Dichloroethene	10.0	8.64		ppb v/v		86	70 - 130
cis-1,3-Dichloropropene	10.0	9.80		ppb v/v		98	70 - 130
Cumene	10.0	9.84		ppb v/v		98	70 - 130
Cyclohexane	10.0	9.50		ppb v/v		95	70 - 130
Dibromochloromethane	10.0	10.2		ppb v/v		102	70 - 130
Dichlorodifluoromethane	10.0	10.2		ppb v/v		102	70 - 130
Ethylbenzene	10.0	9.72		ppb v/v		97	70 - 130
Freon 22	10.0	9.62		ppb v/v		96	70 - 130
Freon TF	10.0	8.83		ppb v/v		88	70 - 130
Hexachlorobutadiene	10.0	9.64		ppb v/v		96	70 - 130
Isopropyl alcohol	10.0	8.08		ppb v/v		81	70 - 130
m,p-Xylene	20.0	19.4		ppb v/v		97	70 - 130

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-71691/3
Matrix: Air
Analysis Batch: 71691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl Butyl Ketone (2-Hexanone)	10.0	9.53		ppb v/v		95	70 - 130
Methyl Ethyl Ketone	10.0	7.94		ppb v/v		79	70 - 130
methyl isobutyl ketone	10.0	9.68		ppb v/v		97	70 - 130
Methyl methacrylate	10.0	9.80		ppb v/v		98	70 - 130
Methyl tert-butyl ether	10.0	9.29		ppb v/v		93	70 - 130
Methylene Chloride	10.0	8.78		ppb v/v		88	70 - 130
Naphthalene	10.0	8.52		ppb v/v		85	70 - 130
n-Butylbenzene	10.0	10.1		ppb v/v		101	70 - 130
n-Heptane	10.0	9.02		ppb v/v		90	70 - 130
n-Hexane	10.0	8.96		ppb v/v		90	70 - 130
sec-Butylbenzene	10.0	9.78		ppb v/v		98	70 - 130
Styrene	10.0	9.58		ppb v/v		96	70 - 130
tert-Butyl alcohol	10.0	8.92		ppb v/v		89	70 - 130
tert-Butylbenzene	10.0	10.0		ppb v/v		100	70 - 130
Tetrachloroethene	10.0	9.65		ppb v/v		97	70 - 130
Tetrahydrofuran	10.0	9.96		ppb v/v		100	70 - 130
Toluene	10.0	9.20		ppb v/v		92	70 - 130
trans-1,2-Dichloroethene	10.0	9.68		ppb v/v		97	70 - 130
trans-1,3-Dichloropropene	10.0	10.2		ppb v/v		102	70 - 130
Trichloroethene	10.0	9.41		ppb v/v		94	70 - 130
Trichlorofluoromethane	10.0	9.77		ppb v/v		98	70 - 130
Vinyl chloride	10.0	8.50		ppb v/v		85	70 - 130
Xylene, o-	10.0	9.50		ppb v/v		95	70 - 130

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	55	57.8		ug/m3		106	70 - 130
1,1,2,2-Tetrachloroethane	69	64.9		ug/m3		95	70 - 130
1,1,2-Trichloroethane	55	50.3		ug/m3		92	70 - 130
1,1-Dichloroethane	40	35.0		ug/m3		87	70 - 130
1,1-Dichloroethene	40	34.1		ug/m3		86	70 - 130
1,2,4-Trichlorobenzene	74	69.3		ug/m3		93	70 - 130
1,2,4-Trimethylbenzene	49	48.3		ug/m3		98	70 - 130
1,2-Dibromoethane	77	74.4		ug/m3		97	70 - 130
1,2-Dichlorobenzene	60	60.8		ug/m3		101	70 - 130
1,2-Dichloroethane	40	43.5		ug/m3		107	70 - 130
1,2-Dichloropropane	46	41.6		ug/m3		90	70 - 130
1,2-Dichlorotetrafluoroethane	70	71.0		ug/m3		102	70 - 130
1,3,5-Trimethylbenzene	49	49.3		ug/m3		100	70 - 130
1,3-Butadiene	22	18.6		ug/m3		84	70 - 130
1,3-Dichlorobenzene	60	60.6		ug/m3		101	70 - 130
1,4-Dichlorobenzene	60	60.9		ug/m3		101	70 - 130
1,4-Dioxane	36	31.9		ug/m3		88	70 - 130
2,2,4-Trimethylpentane	47	42.5		ug/m3		91	70 - 130
2-Chlorotoluene	52	51.0		ug/m3		99	70 - 130
3-Chloropropene	31	24.6		ug/m3		79	70 - 130
4-Ethyltoluene	49	50.3		ug/m3		102	70 - 130
4-Isopropyltoluene	55	55.6		ug/m3		101	70 - 130

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-71691/3
Matrix: Air
Analysis Batch: 71691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	24	22.6		ug/m3		95	70 - 130
Benzene	32	28.6		ug/m3		89	70 - 130
Benzyl chloride	52	47.4		ug/m3		92	70 - 130
Bromodichloromethane	67	66.8		ug/m3		100	70 - 130
Bromoethene(Vinyl Bromide)	44	38.4		ug/m3		88	70 - 130
Bromoform	100	107		ug/m3		103	70 - 130
Bromomethane	39	33.1		ug/m3		85	70 - 130
Carbon disulfide	31	30.8		ug/m3		99	70 - 130
Carbon tetrachloride	63	65.6		ug/m3		104	70 - 130
Chlorobenzene	46	43.9		ug/m3		95	70 - 130
Chloroethane	26	23.1		ug/m3		87	70 - 130
Chloroform	49	45.8		ug/m3		94	70 - 130
Chloromethane	21	17.7		ug/m3		86	70 - 130
cis-1,2-Dichloroethene	40	34.3		ug/m3		86	70 - 130
cis-1,3-Dichloropropene	45	44.5		ug/m3		98	70 - 130
Cumene	49	48.4		ug/m3		98	70 - 130
Cyclohexane	34	32.7		ug/m3		95	70 - 130
Dibromochloromethane	85	86.6		ug/m3		102	70 - 130
Dichlorodifluoromethane	49	50.5		ug/m3		102	70 - 130
Ethylbenzene	43	42.2		ug/m3		97	70 - 130
Freon 22	35	34.0		ug/m3		96	70 - 130
Freon TF	77	67.7		ug/m3		88	70 - 130
Hexachlorobutadiene	110	103		ug/m3		96	70 - 130
Isopropyl alcohol	25	19.9		ug/m3		81	70 - 130
m,p-Xylene	87	84.2		ug/m3		97	70 - 130
Methyl Butyl Ketone (2-Hexanone)	41	39.1		ug/m3		95	70 - 130
Methyl Ethyl Ketone	29	23.4		ug/m3		79	70 - 130
methyl isobutyl ketone	41	39.6		ug/m3		97	70 - 130
Methyl methacrylate	41	40.1		ug/m3		98	70 - 130
Methyl tert-butyl ether	36	33.5		ug/m3		93	70 - 130
Methylene Chloride	35	30.5		ug/m3		88	70 - 130
Naphthalene	52	44.6		ug/m3		85	70 - 130
n-Butylbenzene	55	55.2		ug/m3		101	70 - 130
n-Heptane	41	37.0		ug/m3		90	70 - 130
n-Hexane	35	31.6		ug/m3		90	70 - 130
sec-Butylbenzene	55	53.7		ug/m3		98	70 - 130
Styrene	43	40.8		ug/m3		96	70 - 130
tert-Butyl alcohol	30	27.0		ug/m3		89	70 - 130
tert-Butylbenzene	55	55.1		ug/m3		100	70 - 130
Tetrachloroethene	68	65.5		ug/m3		97	70 - 130
Tetrahydrofuran	29	29.4		ug/m3		100	70 - 130
Toluene	38	34.7		ug/m3		92	70 - 130
trans-1,2-Dichloroethene	40	38.4		ug/m3		97	70 - 130
trans-1,3-Dichloropropene	45	46.4		ug/m3		102	70 - 130
Trichloroethene	54	50.5		ug/m3		94	70 - 130
Trichlorofluoromethane	56	54.9		ug/m3		98	70 - 130
Vinyl chloride	26	21.7		ug/m3		85	70 - 130

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-71691/3
Matrix: Air
Analysis Batch: 71691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Xylene, o-	43	41.3		ug/m3		95	70 - 130

Lab Sample ID: MB 200-71813/5
Matrix: Air
Analysis Batch: 71813

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20	0.021	ppb v/v			05/08/14 12:59	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.016	ppb v/v			05/08/14 12:59	1
1,1,2-Trichloroethane	ND		0.20	0.017	ppb v/v			05/08/14 12:59	1
1,1-Dichloroethane	ND		0.20	0.038	ppb v/v			05/08/14 12:59	1
1,1-Dichloroethene	ND		0.20	0.024	ppb v/v			05/08/14 12:59	1
1,2,4-Trichlorobenzene	ND		0.50	0.027	ppb v/v			05/08/14 12:59	1
1,2,4-Trimethylbenzene	ND		0.20	0.014	ppb v/v			05/08/14 12:59	1
1,2-Dibromoethane	ND		0.20	0.020	ppb v/v			05/08/14 12:59	1
1,2-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/08/14 12:59	1
1,2-Dichloroethane	ND		0.20	0.017	ppb v/v			05/08/14 12:59	1
1,2-Dichloropropane	ND		0.20	0.032	ppb v/v			05/08/14 12:59	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.035	ppb v/v			05/08/14 12:59	1
1,3,5-Trimethylbenzene	ND		0.20	0.012	ppb v/v			05/08/14 12:59	1
1,3-Butadiene	ND		0.20	0.042	ppb v/v			05/08/14 12:59	1
1,3-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/08/14 12:59	1
1,4-Dichlorobenzene	ND		0.20	0.014	ppb v/v			05/08/14 12:59	1
1,4-Dioxane	ND		5.0	0.20	ppb v/v			05/08/14 12:59	1
2,2,4-Trimethylpentane	ND		0.20	0.027	ppb v/v			05/08/14 12:59	1
2-Chlorotoluene	ND		0.20	0.013	ppb v/v			05/08/14 12:59	1
3-Chloropropene	ND		0.50	0.034	ppb v/v			05/08/14 12:59	1
4-Ethyltoluene	ND		0.20	0.018	ppb v/v			05/08/14 12:59	1
4-Isopropyltoluene	ND		0.20	0.080	ppb v/v			05/08/14 12:59	1
Acetone	ND		5.0	1.3	ppb v/v			05/08/14 12:59	1
Benzene	ND		0.20	0.019	ppb v/v			05/08/14 12:59	1
Benzyl chloride	ND		0.20	0.080	ppb v/v			05/08/14 12:59	1
Bromodichloromethane	ND		0.20	0.017	ppb v/v			05/08/14 12:59	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.030	ppb v/v			05/08/14 12:59	1
Bromoform	ND		0.20	0.010	ppb v/v			05/08/14 12:59	1
Bromomethane	ND		0.20	0.028	ppb v/v			05/08/14 12:59	1
Carbon disulfide	ND		0.50	0.066	ppb v/v			05/08/14 12:59	1
Carbon tetrachloride	ND		0.20	0.021	ppb v/v			05/08/14 12:59	1
Chlorobenzene	ND		0.20	0.0081	ppb v/v			05/08/14 12:59	1
Chloroethane	ND		0.50	0.030	ppb v/v			05/08/14 12:59	1
Chloroform	ND		0.20	0.025	ppb v/v			05/08/14 12:59	1
Chloromethane	ND		0.50	0.14	ppb v/v			05/08/14 12:59	1
cis-1,2-Dichloroethene	ND		0.20	0.038	ppb v/v			05/08/14 12:59	1
cis-1,3-Dichloropropene	ND		0.20	0.028	ppb v/v			05/08/14 12:59	1
Cumene	ND		0.20	0.016	ppb v/v			05/08/14 12:59	1
Cyclohexane	ND		0.20	0.025	ppb v/v			05/08/14 12:59	1
Dibromochloromethane	ND		0.20	0.020	ppb v/v			05/08/14 12:59	1
Dichlorodifluoromethane	ND		0.50	0.030	ppb v/v			05/08/14 12:59	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-71813/5
Matrix: Air
Analysis Batch: 71813

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.20	0.013	ppb v/v			05/08/14 12:59	1
Freon 22	ND		0.50	0.048	ppb v/v			05/08/14 12:59	1
Freon TF	ND		0.20	0.018	ppb v/v			05/08/14 12:59	1
Hexachlorobutadiene	ND		0.20	0.022	ppb v/v			05/08/14 12:59	1
Isopropyl alcohol	ND		5.0	0.22	ppb v/v			05/08/14 12:59	1
m,p-Xylene	ND		0.50	0.023	ppb v/v			05/08/14 12:59	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.20	ppb v/v			05/08/14 12:59	1
Methyl Ethyl Ketone	ND		0.50	0.24	ppb v/v			05/08/14 12:59	1
methyl isobutyl ketone	ND		0.50	0.027	ppb v/v			05/08/14 12:59	1
Methyl methacrylate	ND		0.50	0.030	ppb v/v			05/08/14 12:59	1
Methyl tert-butyl ether	ND		0.20	0.022	ppb v/v			05/08/14 12:59	1
Methylene Chloride	ND		0.50	0.13	ppb v/v			05/08/14 12:59	1
Naphthalene	ND		0.50	0.20	ppb v/v			05/08/14 12:59	1
n-Butylbenzene	ND		0.20	0.080	ppb v/v			05/08/14 12:59	1
n-Heptane	ND		0.20	0.046	ppb v/v			05/08/14 12:59	1
n-Hexane	ND		0.20	0.034	ppb v/v			05/08/14 12:59	1
sec-Butylbenzene	ND		0.20	0.080	ppb v/v			05/08/14 12:59	1
Styrene	ND		0.20	0.018	ppb v/v			05/08/14 12:59	1
tert-Butyl alcohol	ND		5.0	0.33	ppb v/v			05/08/14 12:59	1
tert-Butylbenzene	ND		0.20	0.017	ppb v/v			05/08/14 12:59	1
Tetrachloroethene	ND		0.20	0.016	ppb v/v			05/08/14 12:59	1
Tetrahydrofuran	ND		5.0	0.046	ppb v/v			05/08/14 12:59	1
Toluene	ND		0.20	0.017	ppb v/v			05/08/14 12:59	1
trans-1,2-Dichloroethene	ND		0.20	0.029	ppb v/v			05/08/14 12:59	1
trans-1,3-Dichloropropene	ND		0.20	0.022	ppb v/v			05/08/14 12:59	1
Trichloroethene	ND		0.20	0.024	ppb v/v			05/08/14 12:59	1
Trichlorofluoromethane	ND		0.20	0.030	ppb v/v			05/08/14 12:59	1
Vinyl chloride	ND		0.20	0.038	ppb v/v			05/08/14 12:59	1
Xylene (total)	ND		0.20	0.034	ppb v/v			05/08/14 12:59	1
Xylene, o-	ND		0.20	0.016	ppb v/v			05/08/14 12:59	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	0.11	ug/m3			05/08/14 12:59	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.11	ug/m3			05/08/14 12:59	1
1,1,2-Trichloroethane	ND		1.1	0.093	ug/m3			05/08/14 12:59	1
1,1-Dichloroethane	ND		0.81	0.15	ug/m3			05/08/14 12:59	1
1,1-Dichloroethene	ND		0.79	0.095	ug/m3			05/08/14 12:59	1
1,2,4-Trichlorobenzene	ND		3.7	0.20	ug/m3			05/08/14 12:59	1
1,2,4-Trimethylbenzene	ND		0.98	0.069	ug/m3			05/08/14 12:59	1
1,2-Dibromoethane	ND		1.5	0.15	ug/m3			05/08/14 12:59	1
1,2-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/08/14 12:59	1
1,2-Dichloroethane	ND		0.81	0.069	ug/m3			05/08/14 12:59	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			05/08/14 12:59	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.24	ug/m3			05/08/14 12:59	1
1,3,5-Trimethylbenzene	ND		0.98	0.059	ug/m3			05/08/14 12:59	1
1,3-Butadiene	ND		0.44	0.093	ug/m3			05/08/14 12:59	1
1,3-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/08/14 12:59	1
1,4-Dichlorobenzene	ND		1.2	0.084	ug/m3			05/08/14 12:59	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-71813/5
Matrix: Air
Analysis Batch: 71813

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		18	0.72	ug/m3			05/08/14 12:59	1
2,2,4-Trimethylpentane	ND		0.93	0.13	ug/m3			05/08/14 12:59	1
2-Chlorotoluene	ND		1.0	0.067	ug/m3			05/08/14 12:59	1
3-Chloropropene	ND		1.6	0.11	ug/m3			05/08/14 12:59	1
4-Ethyltoluene	ND		0.98	0.088	ug/m3			05/08/14 12:59	1
4-Isopropyltoluene	ND		1.1	0.44	ug/m3			05/08/14 12:59	1
Acetone	ND		12	3.0	ug/m3			05/08/14 12:59	1
Benzene	ND		0.64	0.061	ug/m3			05/08/14 12:59	1
Benzyl chloride	ND		1.0	0.41	ug/m3			05/08/14 12:59	1
Bromodichloromethane	ND		1.3	0.11	ug/m3			05/08/14 12:59	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.13	ug/m3			05/08/14 12:59	1
Bromoform	ND		2.1	0.10	ug/m3			05/08/14 12:59	1
Bromomethane	ND		0.78	0.11	ug/m3			05/08/14 12:59	1
Carbon disulfide	ND		1.6	0.21	ug/m3			05/08/14 12:59	1
Carbon tetrachloride	ND		1.3	0.13	ug/m3			05/08/14 12:59	1
Chlorobenzene	ND		0.92	0.037	ug/m3			05/08/14 12:59	1
Chloroethane	ND		1.3	0.079	ug/m3			05/08/14 12:59	1
Chloroform	ND		0.98	0.12	ug/m3			05/08/14 12:59	1
Chloromethane	ND		1.0	0.28	ug/m3			05/08/14 12:59	1
cis-1,2-Dichloroethene	ND		0.79	0.15	ug/m3			05/08/14 12:59	1
cis-1,3-Dichloropropene	ND		0.91	0.13	ug/m3			05/08/14 12:59	1
Cumene	ND		0.98	0.079	ug/m3			05/08/14 12:59	1
Cyclohexane	ND		0.69	0.086	ug/m3			05/08/14 12:59	1
Dibromochloromethane	ND		1.7	0.17	ug/m3			05/08/14 12:59	1
Dichlorodifluoromethane	ND		2.5	0.15	ug/m3			05/08/14 12:59	1
Ethylbenzene	ND		0.87	0.056	ug/m3			05/08/14 12:59	1
Freon 22	ND		1.8	0.17	ug/m3			05/08/14 12:59	1
Freon TF	ND		1.5	0.14	ug/m3			05/08/14 12:59	1
Hexachlorobutadiene	ND		2.1	0.23	ug/m3			05/08/14 12:59	1
Isopropyl alcohol	ND		12	0.53	ug/m3			05/08/14 12:59	1
m,p-Xylene	ND		2.2	0.10	ug/m3			05/08/14 12:59	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			05/08/14 12:59	1
Methyl Ethyl Ketone	ND		1.5	0.71	ug/m3			05/08/14 12:59	1
methyl isobutyl ketone	ND		2.0	0.11	ug/m3			05/08/14 12:59	1
Methyl methacrylate	ND		2.0	0.12	ug/m3			05/08/14 12:59	1
Methyl tert-butyl ether	ND		0.72	0.079	ug/m3			05/08/14 12:59	1
Methylene Chloride	ND		1.7	0.43	ug/m3			05/08/14 12:59	1
Naphthalene	ND		2.6	1.0	ug/m3			05/08/14 12:59	1
n-Butylbenzene	ND		1.1	0.44	ug/m3			05/08/14 12:59	1
n-Heptane	ND		0.82	0.19	ug/m3			05/08/14 12:59	1
n-Hexane	ND		0.70	0.12	ug/m3			05/08/14 12:59	1
sec-Butylbenzene	ND		1.1	0.44	ug/m3			05/08/14 12:59	1
Styrene	ND		0.85	0.077	ug/m3			05/08/14 12:59	1
tert-Butyl alcohol	ND		15	0.99	ug/m3			05/08/14 12:59	1
tert-Butylbenzene	ND		1.1	0.093	ug/m3			05/08/14 12:59	1
Tetrachloroethene	ND		1.4	0.11	ug/m3			05/08/14 12:59	1
Tetrahydrofuran	ND		15	0.14	ug/m3			05/08/14 12:59	1
Toluene	ND		0.75	0.064	ug/m3			05/08/14 12:59	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-71813/5
Matrix: Air
Analysis Batch: 71813

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		0.79	0.11	ug/m3			05/08/14 12:59	1
trans-1,3-Dichloropropene	ND		0.91	0.10	ug/m3			05/08/14 12:59	1
Trichloroethene	ND		1.1	0.13	ug/m3			05/08/14 12:59	1
Trichlorofluoromethane	ND		1.1	0.17	ug/m3			05/08/14 12:59	1
Vinyl chloride	ND		0.51	0.097	ug/m3			05/08/14 12:59	1
Xylene (total)	ND		0.87	0.15	ug/m3			05/08/14 12:59	1
Xylene, o-	ND		0.87	0.069	ug/m3			05/08/14 12:59	1

Lab Sample ID: LCS 200-71813/4
Matrix: Air
Analysis Batch: 71813

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	10.7		ppb v/v		107	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.81		ppb v/v		98	70 - 130
1,1,2-Trichloroethane	10.0	9.96		ppb v/v		100	70 - 130
1,1-Dichloroethane	10.0	10.1		ppb v/v		101	70 - 130
1,1-Dichloroethene	10.0	10.2		ppb v/v		102	70 - 130
1,2,4-Trichlorobenzene	10.0	9.95		ppb v/v		99	70 - 130
1,2,4-Trimethylbenzene	10.0	9.72		ppb v/v		97	70 - 130
1,2-Dibromoethane	10.0	9.72		ppb v/v		97	70 - 130
1,2-Dichlorobenzene	10.0	9.60		ppb v/v		96	70 - 130
1,2-Dichloroethane	10.0	11.1		ppb v/v		111	70 - 130
1,2-Dichloropropane	10.0	9.66		ppb v/v		97	70 - 130
1,2-Dichlorotetrafluoroethane	10.0	12.3		ppb v/v		123	70 - 130
1,3,5-Trimethylbenzene	10.0	9.77		ppb v/v		98	70 - 130
1,3-Butadiene	10.0	10.7		ppb v/v		107	70 - 130
1,3-Dichlorobenzene	10.0	9.63		ppb v/v		96	70 - 130
1,4-Dichlorobenzene	10.0	9.57		ppb v/v		96	70 - 130
1,4-Dioxane	10.0	9.34		ppb v/v		93	70 - 130
2,2,4-Trimethylpentane	10.0	9.97		ppb v/v		100	70 - 130
2-Chlorotoluene	10.0	10.1		ppb v/v		101	70 - 130
3-Chloropropene	10.0	9.70		ppb v/v		97	70 - 130
4-Ethyltoluene	10.0	10.2		ppb v/v		102	70 - 130
4-Isopropyltoluene	10.0	9.95		ppb v/v		100	70 - 130
Acetone	10.0	10.7		ppb v/v		107	70 - 130
Benzene	10.0	9.76		ppb v/v		98	70 - 130
Benzyl chloride	10.0	9.05		ppb v/v		91	70 - 130
Bromodichloromethane	10.0	10.3		ppb v/v		103	70 - 130
Bromoethene(Vinyl Bromide)	10.0	9.97		ppb v/v		100	70 - 130
Bromoform	10.0	10.2		ppb v/v		102	70 - 130
Bromomethane	10.0	10.8		ppb v/v		108	70 - 130
Carbon disulfide	10.0	12.3		ppb v/v		123	70 - 130
Carbon tetrachloride	10.0	10.3		ppb v/v		103	70 - 130
Chlorobenzene	10.0	9.41		ppb v/v		94	70 - 130
Chloroethane	10.0	11.5		ppb v/v		115	70 - 130
Chloroform	10.0	10.1		ppb v/v		101	70 - 130
Chloromethane	10.0	11.1		ppb v/v		111	70 - 130

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-71813/4
Matrix: Air
Analysis Batch: 71813

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	10.0	9.68		ppb v/v		97	70 - 130
cis-1,3-Dichloropropene	10.0	10.3		ppb v/v		103	70 - 130
Cumene	10.0	9.77		ppb v/v		98	70 - 130
Cyclohexane	10.0	10.1		ppb v/v		101	70 - 130
Dibromochloromethane	10.0	9.76		ppb v/v		98	70 - 130
Dichlorodifluoromethane	10.0	11.8		ppb v/v		118	70 - 130
Ethylbenzene	10.0	9.69		ppb v/v		97	70 - 130
Freon 22	10.0	12.2		ppb v/v		122	70 - 130
Freon TF	10.0	10.3		ppb v/v		103	70 - 130
Hexachlorobutadiene	10.0	10.6		ppb v/v		106	70 - 130
Isopropyl alcohol	10.0	9.80		ppb v/v		98	70 - 130
m,p-Xylene	20.0	19.5		ppb v/v		97	70 - 130
Methyl Butyl Ketone (2-Hexanone)	10.0	10.5		ppb v/v		105	70 - 130
Methyl Ethyl Ketone	10.0	9.36		ppb v/v		94	70 - 130
methyl isobutyl ketone	10.0	10.4		ppb v/v		104	70 - 130
Methyl methacrylate	10.0	10.3		ppb v/v		103	70 - 130
Methyl tert-butyl ether	10.0	10.8		ppb v/v		108	70 - 130
Methylene Chloride	10.0	11.1		ppb v/v		111	70 - 130
Naphthalene	10.0	8.54		ppb v/v		85	70 - 130
n-Butylbenzene	10.0	10.2		ppb v/v		102	70 - 130
n-Heptane	10.0	9.90		ppb v/v		99	70 - 130
n-Hexane	10.0	10.9		ppb v/v		109	70 - 130
sec-Butylbenzene	10.0	9.96		ppb v/v		100	70 - 130
Styrene	10.0	9.64		ppb v/v		96	70 - 130
tert-Butyl alcohol	10.0	10.9		ppb v/v		109	70 - 130
tert-Butylbenzene	10.0	9.78		ppb v/v		98	70 - 130
Tetrachloroethene	10.0	9.69		ppb v/v		97	70 - 130
Tetrahydrofuran	10.0	11.1		ppb v/v		111	70 - 130
Toluene	10.0	9.61		ppb v/v		96	70 - 130
trans-1,2-Dichloroethene	10.0	11.4		ppb v/v		114	70 - 130
trans-1,3-Dichloropropene	10.0	10.1		ppb v/v		101	70 - 130
Trichloroethene	10.0	9.56		ppb v/v		96	70 - 130
Trichlorofluoromethane	10.0	10.1		ppb v/v		101	70 - 130
Vinyl chloride	10.0	10.2		ppb v/v		102	70 - 130
Xylene, o-	10.0	9.58		ppb v/v		96	70 - 130

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	55	58.6		ug/m3		107	70 - 130
1,1,2,2-Tetrachloroethane	69	67.3		ug/m3		98	70 - 130
1,1,2-Trichloroethane	55	54.4		ug/m3		100	70 - 130
1,1-Dichloroethane	40	40.8		ug/m3		101	70 - 130
1,1-Dichloroethene	40	40.5		ug/m3		102	70 - 130
1,2,4-Trichlorobenzene	74	73.8		ug/m3		99	70 - 130
1,2,4-Trimethylbenzene	49	47.8		ug/m3		97	70 - 130
1,2-Dibromoethane	77	74.7		ug/m3		97	70 - 130
1,2-Dichlorobenzene	60	57.7		ug/m3		96	70 - 130
1,2-Dichloroethane	40	44.8		ug/m3		111	70 - 130

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-71813/4
Matrix: Air
Analysis Batch: 71813

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	46	44.6		ug/m3		97	70 - 130
1,2-Dichlorotetrafluoroethane	70	86.2		ug/m3		123	70 - 130
1,3,5-Trimethylbenzene	49	48.0		ug/m3		98	70 - 130
1,3-Butadiene	22	23.6		ug/m3		107	70 - 130
1,3-Dichlorobenzene	60	57.9		ug/m3		96	70 - 130
1,4-Dichlorobenzene	60	57.5		ug/m3		96	70 - 130
1,4-Dioxane	36	33.7		ug/m3		93	70 - 130
2,2,4-Trimethylpentane	47	46.6		ug/m3		100	70 - 130
2-Chlorotoluene	52	52.4		ug/m3		101	70 - 130
3-Chloropropene	31	30.3		ug/m3		97	70 - 130
4-Ethyltoluene	49	50.2		ug/m3		102	70 - 130
4-Isopropyltoluene	55	54.6		ug/m3		100	70 - 130
Acetone	24	25.3		ug/m3		107	70 - 130
Benzene	32	31.2		ug/m3		98	70 - 130
Benzyl chloride	52	46.9		ug/m3		91	70 - 130
Bromodichloromethane	67	69.2		ug/m3		103	70 - 130
Bromoethene(Vinyl Bromide)	44	43.6		ug/m3		100	70 - 130
Bromoform	100	106		ug/m3		102	70 - 130
Bromomethane	39	42.1		ug/m3		108	70 - 130
Carbon disulfide	31	38.4		ug/m3		123	70 - 130
Carbon tetrachloride	63	64.9		ug/m3		103	70 - 130
Chlorobenzene	46	43.3		ug/m3		94	70 - 130
Chloroethane	26	30.4		ug/m3		115	70 - 130
Chloroform	49	49.5		ug/m3		101	70 - 130
Chloromethane	21	22.9		ug/m3		111	70 - 130
cis-1,2-Dichloroethene	40	38.4		ug/m3		97	70 - 130
cis-1,3-Dichloropropene	45	46.6		ug/m3		103	70 - 130
Cumene	49	48.0		ug/m3		98	70 - 130
Cyclohexane	34	34.8		ug/m3		101	70 - 130
Dibromochloromethane	85	83.1		ug/m3		98	70 - 130
Dichlorodifluoromethane	49	58.6		ug/m3		118	70 - 130
Ethylbenzene	43	42.1		ug/m3		97	70 - 130
Freon 22	35	43.0		ug/m3		122	70 - 130
Freon TF	77	78.7		ug/m3		103	70 - 130
Hexachlorobutadiene	110	113		ug/m3		106	70 - 130
Isopropyl alcohol	25	24.1		ug/m3		98	70 - 130
m,p-Xylene	87	84.5		ug/m3		97	70 - 130
Methyl Butyl Ketone (2-Hexanone)	41	42.8		ug/m3		105	70 - 130
Methyl Ethyl Ketone	29	27.6		ug/m3		94	70 - 130
methyl isobutyl ketone	41	42.8		ug/m3		104	70 - 130
Methyl methacrylate	41	42.3		ug/m3		103	70 - 130
Methyl tert-butyl ether	36	39.0		ug/m3		108	70 - 130
Methylene Chloride	35	38.6		ug/m3		111	70 - 130
Naphthalene	52	44.8		ug/m3		85	70 - 130
n-Butylbenzene	55	56.2		ug/m3		102	70 - 130
n-Heptane	41	40.6		ug/m3		99	70 - 130
n-Hexane	35	38.6		ug/m3		109	70 - 130

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-71813/4
Matrix: Air
Analysis Batch: 71813

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
sec-Butylbenzene	55	54.7		ug/m3		100	70 - 130
Styrene	43	41.1		ug/m3		96	70 - 130
tert-Butyl alcohol	30	33.1		ug/m3		109	70 - 130
tert-Butylbenzene	55	53.7		ug/m3		98	70 - 130
Tetrachloroethene	68	65.7		ug/m3		97	70 - 130
Tetrahydrofuran	29	32.8		ug/m3		111	70 - 130
Toluene	38	36.2		ug/m3		96	70 - 130
trans-1,2-Dichloroethene	40	45.3		ug/m3		114	70 - 130
trans-1,3-Dichloropropene	45	46.0		ug/m3		101	70 - 130
Trichloroethene	54	51.4		ug/m3		96	70 - 130
Trichlorofluoromethane	56	57.0		ug/m3		101	70 - 130
Vinyl chloride	26	26.2		ug/m3		102	70 - 130
Xylene, o-	43	41.6		ug/m3		96	70 - 130

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Air - GC/MS VOA

Analysis Batch: 71691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-59199-2	2288-050214-0927	Total/NA	Air	TO-15	
480-59199-4	2288-050214-0937	Total/NA	Air	TO-15	
480-59199-6	2288-050214-0945	Total/NA	Air	TO-15	
480-59199-7	2288-050214-0907	Total/NA	Air	TO-15	
480-59199-10	2288-050214-0916	Total/NA	Air	TO-15	
480-59199-12	2288-050214-0922	Total/NA	Air	TO-15	
480-59199-13	2288-050214-0950	Total/NA	Air	TO-15	
480-59199-14	2288-050214-1005	Total/NA	Air	TO-15	
480-59199-16	2288-050214-1012	Total/NA	Air	TO-15	
480-59199-18	2288-050214-1021	Total/NA	Air	TO-15	
480-59199-20	2288-050214-1032	Total/NA	Air	TO-15	
LCS 200-71691/3	Lab Control Sample	Total/NA	Air	TO-15	
MB 200-71691/4	Method Blank	Total/NA	Air	TO-15	

Analysis Batch: 71813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-59199-1	2288-050214-0925	Total/NA	Air	TO-15	
480-59199-3	2288-050214-0935	Total/NA	Air	TO-15	
480-59199-5	2288-050214-0943	Total/NA	Air	TO-15	
480-59199-8	2288-050214-0908	Total/NA	Air	TO-15	
480-59199-9	2288-050214-0914	Total/NA	Air	TO-15	
480-59199-11	2288-050214-0920	Total/NA	Air	TO-15	
480-59199-15	2288-050214-1011	Total/NA	Air	TO-15	
480-59199-17	2288-050214-1020	Total/NA	Air	TO-15	
480-59199-19	2288-050214-1030	Total/NA	Air	TO-15	
LCS 200-71813/4	Lab Control Sample	Total/NA	Air	TO-15	
MB 200-71813/5	Method Blank	Total/NA	Air	TO-15	

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0925 — Lab Sample ID: 480-59199-1

Date Collected: 05/02/14 17:41 — **Matrix: Air**
Date Received: 05/03/14 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	71813	05/08/14 17:25	WRD	TAL BUR

Client Sample ID: 2288-050214-0927 — Lab Sample ID: 480-59199-2

Date Collected: 05/02/14 17:41 — **Matrix: Air**
Date Received: 05/03/14 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	71691	05/06/14 19:11	PAD	TAL BUR

Client Sample ID: 2288-050214-0935 — Lab Sample ID: 480-59199-3

Date Collected: 05/02/14 17:39 — **Matrix: Air**
Date Received: 05/03/14 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		33.4	71813	05/08/14 18:17	WRD	TAL BUR

Client Sample ID: 2288-050214-0937 — Lab Sample ID: 480-59199-4

Date Collected: 05/02/14 17:39 — **Matrix: Air**
Date Received: 05/03/14 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	71691	05/06/14 20:03	PAD	TAL BUR

Client Sample ID: 2288-050214-0943 — Lab Sample ID: 480-59199-5

Date Collected: 05/02/14 17:31 — **Matrix: Air**
Date Received: 05/03/14 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	71813	05/08/14 19:10	WRD	TAL BUR

Client Sample ID: 2288-050214-0945 — Lab Sample ID: 480-59199-6

Date Collected: 05/02/14 17:10 — **Matrix: Air**
Date Received: 05/03/14 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	71691	05/06/14 20:55	PAD	TAL BUR

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0907 — Lab Sample ID: 480-59199-7

Date Collected: 05/02/14 17:47 — **Matrix: Air**
Date Received: 05/03/14 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	71691	05/06/14 21:47	PAD	TAL BUR

Client Sample ID: 2288-050214-0908 — Lab Sample ID: 480-59199-8

Date Collected: 05/02/14 17:47 — **Matrix: Air**
Date Received: 05/03/14 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		83.7	71813	05/08/14 20:01	WRD	TAL BUR

Client Sample ID: 2288-050214-0914 — Lab Sample ID: 480-59199-9

Date Collected: 05/02/14 17:45 — **Matrix: Air**
Date Received: 05/03/14 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		12.5	71813	05/08/14 20:53	WRD	TAL BUR

Client Sample ID: 2288-050214-0916 — Lab Sample ID: 480-59199-10

Date Collected: 05/02/14 17:45 — **Matrix: Air**
Date Received: 05/03/14 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	71691	05/06/14 22:39	PAD	TAL BUR

Client Sample ID: 2288-050214-0920 — Lab Sample ID: 480-59199-11

Date Collected: 05/02/14 17:43 — **Matrix: Air**
Date Received: 05/03/14 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		25100	71813	05/08/14 21:45	WRD	TAL BUR

Client Sample ID: 2288-050214-0922 — Lab Sample ID: 480-59199-12

Date Collected: 05/02/14 17:43 — **Matrix: Air**
Date Received: 05/03/14 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	71691	05/06/14 23:31	PAD	TAL BUR

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-0950
Lab Sample ID: 480-59199-13
Date Collected: 05/02/14 17:53
Matrix: Air
Date Received: 05/03/14 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	71691	05/07/14 00:23	PAD	TAL BUR

Client Sample ID: 2288-050214-1005
Lab Sample ID: 480-59199-14
Date Collected: 05/02/14 17:56
Matrix: Air
Date Received: 05/03/14 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	71691	05/07/14 01:15	PAD	TAL BUR

Client Sample ID: 2288-050214-1011
Lab Sample ID: 480-59199-15
Date Collected: 05/02/14 17:26
Matrix: Air
Date Received: 05/03/14 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	71813	05/09/14 09:15	WRD	TAL BUR

Client Sample ID: 2288-050214-1012
Lab Sample ID: 480-59199-16
Date Collected: 05/02/14 18:15
Matrix: Air
Date Received: 05/03/14 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	71691	05/07/14 02:07	PAD	TAL BUR

Client Sample ID: 2288-050214-1020
Lab Sample ID: 480-59199-17
Date Collected: 05/02/14 17:59
Matrix: Air
Date Received: 05/03/14 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		10	71813	05/08/14 23:30	WRD	TAL BUR

Client Sample ID: 2288-050214-1021
Lab Sample ID: 480-59199-18
Date Collected: 05/02/14 13:45
Matrix: Air
Date Received: 05/03/14 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	71691	05/07/14 02:59	PAD	TAL BUR

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Client Sample ID: 2288-050214-1030 — **Lab Sample ID: 480-59199-19**
Date Collected: 05/02/14 18:40 — **Matrix: Air**
Date Received: 05/03/14 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	71813	05/09/14 00:22	WRD	TAL BUR

Client Sample ID: 2288-050214-1032 — **Lab Sample ID: 480-59199-20**
Date Collected: 05/02/14 18:40 — **Matrix: Air**
Date Received: 05/03/14 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	71691	05/07/14 03:51	PAD	TAL BUR

Laboratory References:

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-15
California	State Program	9	1169CA	09-30-14 *
Connecticut	State Program	1	PH-0568	09-30-14 *
Florida	NELAP	4	E87672	06-30-15
Georgia	State Program	4	N/A	03-31-15
Illinois	NELAP	5	200003	09-30-14 *
Iowa	State Program	7	374	03-01-15
Kansas	NELAP	7	E-10187	01-31-15
Kentucky (DW)	State Program	4	90029	12-31-14
Kentucky (UST)	State Program	4	30	03-31-15
Louisiana	NELAP	6	02031	06-30-14 *
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-15
Massachusetts	State Program	1	M-NY044	06-30-15
Michigan	State Program	5	9937	03-31-15
Minnesota	NELAP	5	036-999-337	12-31-14
New Hampshire	NELAP	1	2337	11-17-14
New Jersey	NELAP	2	NY455	06-30-15
New York	NELAP	2	10026	03-31-15
North Dakota	State Program	8	R-176	03-31-14 *
Oklahoma	State Program	6	9421	08-31-15
Oregon	NELAP	10	NY200003	06-09-15
Pennsylvania	NELAP	3	68-00281	07-31-15
Rhode Island	State Program	1	LAO00328	12-30-14
Tennessee	State Program	4	TN02970	03-31-15
Texas	NELAP	6	T104704412-11-2	07-31-15
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14 *
Washington	State Program	10	C784	02-10-15
West Virginia DEP	State Program	3	252	09-30-14 *
Wisconsin	State Program	5	998310390	08-31-14 *

Laboratory: TestAmerica Burlington

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10391	03-31-15

* Certification renewal pending - certification considered valid.

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	TAL BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

TestAmerica Job ID: 480-59199-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-59199-1	2288-050214-0925	Air	05/02/14 17:41	05/03/14 17:00
480-59199-2	2288-050214-0927	Air	05/02/14 17:41	05/03/14 17:00
480-59199-3	2288-050214-0935	Air	05/02/14 17:39	05/03/14 17:00
480-59199-4	2288-050214-0937	Air	05/02/14 17:39	05/03/14 17:00
480-59199-5	2288-050214-0943	Air	05/02/14 17:31	05/03/14 17:00
480-59199-6	2288-050214-0945	Air	05/02/14 17:10	05/03/14 17:00
480-59199-7	2288-050214-0907	Air	05/02/14 17:47	05/03/14 17:00
480-59199-8	2288-050214-0908	Air	05/02/14 17:47	05/03/14 17:00
480-59199-9	2288-050214-0914	Air	05/02/14 17:45	05/03/14 17:00
480-59199-10	2288-050214-0916	Air	05/02/14 17:45	05/03/14 17:00
480-59199-11	2288-050214-0920	Air	05/02/14 17:43	05/03/14 17:00
480-59199-12	2288-050214-0922	Air	05/02/14 17:43	05/03/14 17:00
480-59199-13	2288-050214-0950	Air	05/02/14 17:53	05/03/14 17:00
480-59199-14	2288-050214-1005	Air	05/02/14 17:56	05/03/14 17:00
480-59199-15	2288-050214-1011	Air	05/02/14 17:26	05/03/14 17:00
480-59199-16	2288-050214-1012	Air	05/02/14 18:15	05/03/14 17:00
480-59199-17	2288-050214-1020	Air	05/02/14 17:59	05/03/14 17:00
480-59199-18	2288-050214-1021	Air	05/02/14 13:45	05/03/14 17:00
480-59199-19	2288-050214-1030	Air	05/02/14 18:40	05/03/14 17:00
480-59199-20	2288-050214-1032	Air	05/02/14 18:40	05/03/14 17:00

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of the

480-59199 Chain of Custody

Client Contact Information	Project Manager: Denis Conley	Samples Collected By: NM	2 of 4 COCs
Company: Haley & Aldrich	Phone: 585-321-4245	NOAH MANTARO	
Address: 200 Town Centre dr	Email: dconley@HaleyAldrich.com		
City/State/Zip Rochester NY 14623			
Phone: 585-321-4245	Site Contact:		
FAX: 585-486-8245	TA Contact:		
Project Name: GM Lexington	Analysis Turnaround Time		
Site: Rochester	Standard (Specify) X		
PO # 70014-119	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	MA-APH	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
2288-050214-0925	5/2/14	0925	1741	-29	-16	3483	3399	X											
2288-050214-0927	5/2/14	0927	1741	-30	-7	3125	5669	X											
2288-050214-0935	5/2/14	0935	1739	-33	-11	4246	4568	X											
2288-050214-0937	5/2/14	0937	1739	-31	-8	3740	6822	X											
2288-050214-0943	5/2/14	0943	1731	-30	-8	5187	3505	X											
2288-050214-0945	5/2/14	0945	1710	-29	-7	5058	2606	X											

Temperature (Fahrenheit)	Interior	Ambient	
Start	65°F		
Stop	65°F		

Pressure (inches of Hg)	Interior	Ambient	
Start			
Stop			

Special Instructions/QC Requirements & Comments:

Samples Shipped by:	Date/Time: 5/2/14 1950	Samples Received by:	
Samples Relinquished by:	Date/Time:	Received by:	
Relinquished by:	Date/Time:	Received by:	

Lab Use Only: Shipper Name: Opened by: Condition:

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information	Project Manager: Denis Conley	Samples Collected By: NM
Company: Haley & Aldrich	Phone: 585-321-4245	NOAH MANTARO
Address: 200 Town center dr	Email: dconley@HaleyAldrich.com	
City/State/Zip Rochester NY 14623		
Phone: 585-321-4245	Site Contact:	
FAX: 585-486-8245	TA Contact:	
Project Name: GM Lexington	Analysis Turnaround Time	
Site: Rochester	Standard (Specify) X	
PO # 70014-119	Rush (Specify)	

1 of 4 COCs

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	MA-APH	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)	
2288-050214-0907	5/2/14	907	1747	-38	-6	3114	5053	X												IW25
2288-050214-0906	5/2/14	906	1747	-32	-10	4532	4010	X												IW26 DUP
2288-050214-0914	5/2/14	0914	1745	-30	-8	2931	3430	X												FB
2288-050214-0916	5/2/14	0916	1745	-33	-7	4499	3641	X												EB
2288-050214-0920	5/2/14	0920	1743	-30	-8	4042	3559	X												
2288-050214-0922	5/2/14	0922	1743	-27	-6	4041	3391	X												

Temperature (Fahrenheit)		
	Interior	Ambient
Start	65°F	
Stop	65°F	

Pressure (inches of Hg)		
	Interior	Ambient
Start	[illegible]	
Stop		

Special Instructions/QC Requirements & Comments:

Samples Shipped by: NOAH MANTARO	Date/Time: 5/2/14 @ 1950	Samples Received by: FEDEX 5/3/14 1200
Samples Relinquished by:	Date/Time:	Received by:
Relinquished by:	Date/Time:	Received by:

Lab Use Only Shipper Name: Opened by: Condition:

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information	Project Manager: Denis Conley	Samples Collected By: NOAH MANTARO
Company: Haley & Aldrich	Phone: 585-321-4245	3 of 4 COCs
Address: 200 Town Centre Dr	Email: dconley@HaleyAldrich.com	
City/State/Zip Rochester NY 14623		
Phone: 585-321-4245	Site Contact:	
FAX: 585-486-8245	TA Contact:	
Project Name: GM Lexington	Analysis Turnaround Time	
Site: Rochester	Standard (Specify) X	
PO # 70014-119	Rush (Specify)	

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	MA-APH	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
2288-050214-0950	5/2/14	0950	1753	-30	-8	3446	3265	X											
2288-050214-1005	5/2/14	1005	1756	-30	-7	4750	5606	X											
2288-050214-1011	5/2/14	1011	1726	-30	-7	4931	2688	X											
2288-050214-1012	5/2/14	1012	1815	-30	-15	2932	5067	X											
2288-050214-1020	5/2/14	1020	1758	-30	-7	4937	5126	X											
2288-050214-1021	5/2/14	1021	1345	-30	-6	3743	3342	X											

Temperature (Fahrenheit)	Interior	Ambient
Start	65°F	
Stop	65°F	

Pressure (inches of Hg)	Interior	Ambient
Start		
Stop		

Special Instructions/QC Requirements & Comments:

Samples Shipped by: NOAH MANTARO	Date/Time: 5/2/14 1950	Samples Received by: FEDEX 5/3/14 0705
Samples Relinquished by:	Date/Time:	Received by:
Relinquished by:	Date/Time:	Received by:

Lab Use Only Shipper Name: Opened by: Condition:

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information	Project Manager: Denis Conley	Samples Collected By: NOAH MANTARO
Company: Haley & Aldrich	Phone: 585-321-4245	4 of 4 COCs
Address: 200 Town Center dr	Email: dconley@HaleyAldrich.com	
City/State/Zip Rochester NY 14623		
Phone: 585-321-4245	Site Contact:	
FAX: 585-486-8245	TA Contact:	
Project Name: GM Lexington	Analysis Turnaround Time	
Site: Rochester	Standard (Specify) X	
PO # 70014-119	Rush (Specify)	

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	MA-APH	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type: Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
2288-050214-1030	5/2/14	1030	1840	-30	-14	4105	5050	X										
2288-050214-1032	5/2/14	1032	1840	-28	-6	5203	5142	X										

Temperature (Fahrenheit)	Interior	Ambient
Start	65° F	
Stop	65° F	

Pressure (inches of Hg)	Interior	Ambient
Start		
Stop		

Special Instructions/QC Requirements & Comments:

Samples Shipped by: NOAH MANTARO 2nd Courier	Date/Time: 5/2/14 1950	Samples Received by: FEDEX 5/3/14 0900
Samples Relinquished by:	Date/Time:	Received by:
Relinquished by:	Date/Time:	Received by:

Lab Use Only Shipper Name: Opened by: Condition:

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 480-59199-1

Login Number: 59199
List Number: 2
Creator: Lavigne, Scott M

List Source: TestAmerica Burlington
List Creation: 05/05/14 04:15 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	Not present
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	ambient
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Pre-Shipment Clean Canister Certification Report

Certification Type: ☑ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test											
System ID		# Cycles		Cleaning Date		Technician		Canister Size			
TOP RACK		25		8/30/10		SML		(6L)	1L	3L	
		Leak Test									
Port	Can ID	Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]	Initial Reading		Final Reading			
1	2990	-29.7	-29.3	-29.3	0.0	Gauge ID:	G4	Gauge ID:	G4		
2	4285					Date:	8/31/10	Date:	9/8/10		
3	3390					Time:	1000	Time:	1330		
4	3220					Tech:	SM	Tech:	VP		
5	3011					BP:	29.9 ("Hg)	BP:	29.5	("Hg)	
6	4375					Temp	22 (°C)	Temp:	22	(°C)	
7	3361					[3]Acceptance Criteria:					
8	4073					(1) The difference must be less than or equal to + 0.5					
9	3270					(2) Pressure readings must be at least 24 hours apart.					
10	3219					If time frame was not met, the PM must authorize shipment of canister:					
11	2945					*PM Authorization:*					
12	3758	↓	↓	↓	↓	Signature		Date			

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory											
Test Method: ☐TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15				Inventory Level					Secondary Review		
Can ID	Date	Sequence	Analyst	1	2	3	4	Limited	Review Date	Reviewer	
3390	08/31/10	GEVG	SV		✓				9/8/10	LEMD	

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.

Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.

Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.

Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.

Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments:

BR-FAI023.10.1 TestAmerica

200-1336-A-3
3390
Location Air-Storage
Bottle Summa Canister 6L
Sampled 8/30/2010 12:00 AM 200-44060

Loc: 200
1336
#3
200-1336-A-3

9/4/2014

200-21995-A-4
5144
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 4/22/2014 12:00 AM 200-648142

Loc: 200
21995
#4
A

Pre-Shipment Clean Canister Certification Report

Certification Type: ☒ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test

System ID	# Cycles	Cleaning Date	Technician	Canister Size		
OVEN 1+2	15	4/22/14	VS	6L	1L	3L

Port	Can ID	Leak Test: Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]
1	5067	-29.4	30.2	-30.0	0.2
2	2511				
3	5026				
4	5144				
5	3265				
6	3399				
7	5126				
8	4010				
9	5142				
10	3559				
11	3430				
12	5606				

Initial Reading		Final Reading	
Gauge ID:	G13	Gauge ID:	G3
Date:	4/23/14	Date:	4/30/14
Time:	1050	Time:	1200
Tech:	VS	Tech:	MC
BP:	29.9 ("Hg)	BP:	30.0 ("Hg)
Temp	22 (°C)	Temp:	22 (°C)

[3]Acceptance Criteria:
(1) The difference must be less than or equal to + 0.5
(2) Pressure readings must be at least 24 hours apart.
If time frame was not met, the PM must authorize shipment of canister:
PM Authorization:

Signature Date

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Limited	Secondary Review: Review Date	Reviewer
5144	4/25/14	7178	PAD		✓				4/25/14	AdH

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.
Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.
Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.
Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.
Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments:
Routine

200-22037-A-6
3632
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 4/24/2014 12:00 AM 200-648976

Loc: 200
22037
#6
A

Pre-Shipment Clean Canister Certification Report

Certification Type: ☒ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test							
System ID	# Cycles	Cleaning Date	Technician	Canister Size			
Bottom	20	4/24/14	VS	(6L)	1L	3L	

Port	Can ID	Leak Test Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]	Initial Reading	Final Reading
1	3641	29.7	30.2	-30.0	0.2	Gauge ID: G13	Gauge ID: G13
2	3605					Date: 4/25/14	Date: 4/30/14
3	2606					Time: 1400	Time: 1150
4	5050					Tech: VS	Tech: MS
5	5022					BP: 29.7 ("Hg)	BP: 30.0 ("Hg)
6	3632					Temp 22 (°C)	Temp: 22 (°C)
7	2688					[3]Acceptance Criteria:	
8	5053					(1) The difference must be less than or equal to + 0.5	
9	4568					(2) Pressure readings must be at least 24 hours apart.	
10	5669					If time frame was not met, the PM must authorize shipment of canister:	
11	3342					*PM Authorization:*	
12	3391	V	✓	✓	✓	Signature	Date

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐ TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Limited	Secondary Review: Review Date	Reviewer
3632	4/25/14	7227	WRD		✓				4/27/14	RR

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.

Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.

Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.

Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.

Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments:

Routine

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1336-1

SDG No.:

Client Sample ID: 3390 Lab Sample ID: 200-1336-3

Matrix: Air Lab File ID: gevg009.d

Analysis Method: TO-15 Date Collected: 08/30/2010 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 08/31/2010 16:07

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5837 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U *	0.10	0.10
75-01-4	Vinyl chloride	0.040	U *	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U *	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U *	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U *	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U *	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U *	0.10	0.10
75-09-2	Methylene Chloride	0.10	U *	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1336-1

SDG No.:

Client Sample ID: 3390 Lab Sample ID: 200-1336-3

Matrix: Air Lab File ID: gevg009.d

Analysis Method: TO-15 Date Collected: 08/30/2010 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 08/31/2010 16:07

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5837 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1336-1

SDG No.:

Client Sample ID: 3390 Lab Sample ID: 200-1336-3

Matrix: Air Lab File ID: gevg009.d

Analysis Method: TO-15 Date Collected: 08/30/2010 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 08/31/2010 16:07

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5837 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-1336-3
Client Smp ID: 3390
Inj Date : 31-AUG-2010 16:07
Operator : wrd Inst ID: G.i
Smp Info : 200-1336-A-3
Misc Info : 1000,0.2
Comment :
Method : /chem/G.i/Gsvr.p/gevgto15.b/to15v5.m
Meth Date : 31-Aug-2010 19:48 sv Quant Type: ISTD
Cal Date : 25-AUG-2010 01:22 Cal File: gev009.d
Als bottle: 8
Dil Factor: 0.20000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
15 Ethanol	45	Compound Not Detected.					
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					

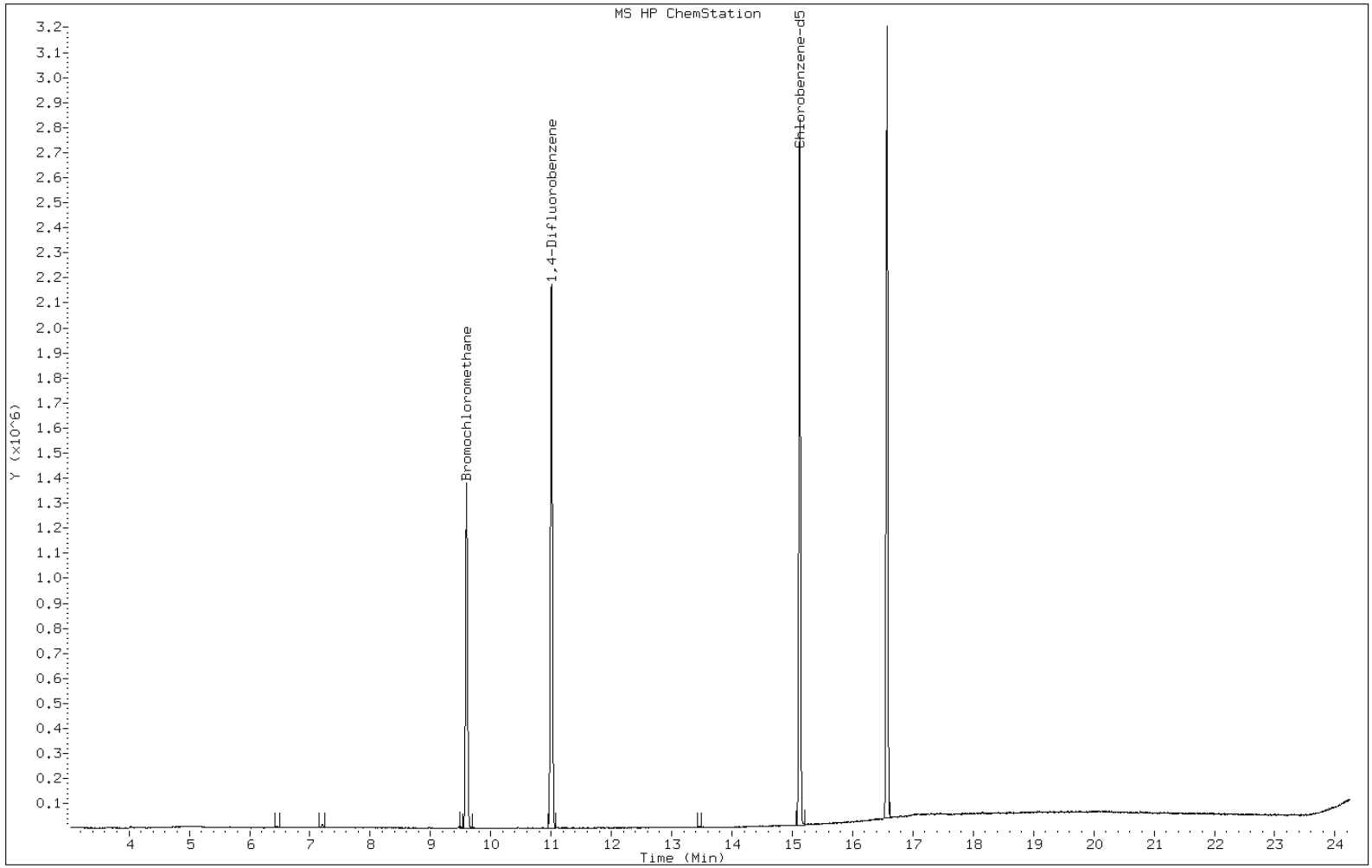
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	Compound Not Detected.					
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	7.204	7.215	(0.750)	7963	0.17716	0.035(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	9.601	9.611	(1.000)	460430	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	11.008	11.013	(1.000)	2260840	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.122	15.127	(1.000)	1907892	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
72 Styrene	104	Compound Not Detected.					
73 Bromoform	173	Compound Not Detected.					
74 Isopropylbenzene	105	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File:	gevg009.d	Date:	31-AUG-2010 16:07
Client ID:	3390	Instrument:	G.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-1336-A-3		
Lab Sample ID:	200-1336-3		



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21995-1

SDG No.:

Client Sample ID: 5144 Lab Sample ID: 200-21995-4

Matrix: Air Lab File ID: 7178_025.D

Analysis Method: TO-15 Date Collected: 04/22/2014 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 04/24/2014 08:00

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 71088 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21995-1

SDG No.:

Client Sample ID: 5144 Lab Sample ID: 200-21995-4

Matrix: Air Lab File ID: 7178_025.D

Analysis Method: TO-15 Date Collected: 04/22/2014 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 04/24/2014 08:00

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 71088 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21995-1

SDG No.:

Client Sample ID: 5144 Lab Sample ID: 200-21995-4

Matrix: Air Lab File ID: 7178_025.D

Analysis Method: TO-15 Date Collected: 04/22/2014 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 04/24/2014 08:00

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 71088 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\Btv-lims1\chromdata\CHB.i\20140423-7178.b\7178_025.D
Lims ID: 200-21995-A-4 Lab Sample ID: 200-21995-4
Client ID: 5144
Sample Type: Client
Inject. Date: 24-Apr-2014 08:00:30 ALS Bottle#: 12 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 0.2000
Sample Info: 200-0007178-025
Misc. Info.: 21995-04
Operator ID: pad Instrument ID: CHB.i

Method: \\Btv-lims1\chromdata\CHB.i\20140423-7178.b\TO15_LLNJ_TO3.m
Limit Group: AI_TO15_ICAL
Last Update: 25-Apr-2014 11:41:07 Calib Date: 14-Mar-2014 18:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Btv-lims1\chromdata\CHB.i\20140314-6557.b\6557_010.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK050

First Level Reviewer: daiglep Date: 25-Apr-2014 11:37:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
4 Propene	41		3.165					
5 Dichlorodifluoromethane	85		3.229					
6 Chlorodifluoromethane	51		3.272					
7 1,2-Dichloro-1,1,2,2-tetra	85		3.459					
8 Chloromethane	50		3.597					
9 Butane	43		3.779					
10 Vinyl chloride	62		3.827					
11 Butadiene	54		3.896					
12 Bromomethane	94		4.617					
14 Chloroethane	64		4.862					
16 Vinyl bromide	106		5.284					
17 Trichlorofluoromethane	101		5.380					
19 Ethanol	45		5.876					
23 1,1,2-Trichloro-1,2,2-trif	101		6.431					
24 1,1-Dichloroethene	96		6.511					
25 Acetone	43		6.703					
26 Isopropyl alcohol	45		6.901					
27 Carbon disulfide	76		6.944					
29 3-Chloro-1-propene	41		7.242					
31 Methylene Chloride	49		7.509					
32 2-Methyl-2-propanol	59		7.611					
33 Methyl tert-butyl ether	73		7.835					
34 trans-1,2-Dichloroethene	61		7.904					
36 Hexane	57		8.214					
37 1,1-Dichloroethane	63		8.673					
38 Vinyl acetate	43		8.678					
* 44 Chlorobromomethane	128	9.954	9.954	0.000	64	753712	10.0	
39 cis-1,2-Dichloroethene	96		9.580					
40 2-Butanone (MEK)	72		9.585					
41 Ethyl acetate	88		9.585					
43 Tetrahydrofuran	42		9.948					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
S 42 1,2-Dichloroethene, Total	61		10.000					
45 Chloroform	83		10.023					
46 Cyclohexane	84		10.263					
47 1,1,1-Trichloroethane	97		10.274					
48 Carbon tetrachloride	117		10.466					
49 Isooctane	57		10.738					
50 Benzene	78		10.808					
51 1,2-Dichloroethane	62		10.925					
52 n-Heptane	43		10.984					
* 54 1,4-Difluorobenzene	114	11.352	11.357	-0.005	91	3540613	10.0	
57 Trichloroethene	95		11.715					
58 1,2-Dichloropropane	63		12.104					
59 Methyl methacrylate	69		12.131					
60 1,4-Dioxane	88		12.227					
61 Dibromomethane	174		12.291					
62 Dichlorobromomethane	83		12.462					
64 cis-1,3-Dichloropropene	75		13.092					
65 4-Methyl-2-pentanone (MIBK	43		13.241					
68 Toluene	92		13.513					
70 trans-1,3-Dichloropropene	75		13.887					
71 1,1,2-Trichloroethane	83		14.159					
72 Tetrachloroethene	166		14.266					
73 2-Hexanone	43		14.415					
74 Chlorodibromomethane	129		14.698					
75 Ethylene Dibromide	107		14.901					
* 76 Chlorobenzene-d5	117	15.440	15.445	-0.005	79	3010724	10.0	
77 Chlorobenzene	112		15.483					
79 Ethylbenzene	91		15.547					
80 m-Xylene & p-Xylene	106		15.691					
S 81 Xylenes, Total	106		16.000					
82 o-Xylene	106		16.198					
83 Styrene	104		16.224					
84 Bromoform	173		16.518					
85 Isopropylbenzene	105		16.598					
$ 86 4-Bromofluorobenzene	95	16.860	16.860	0.000	97	1812014	NC	
87 1,1,2,2-Tetrachloroethane	83		17.014					
88 N-Propylbenzene	91		17.073					
91 4-Ethyltoluene	105		17.201					
92 2-Chlorotoluene	91		17.244					
93 1,3,5-Trimethylbenzene	105		17.265					
95 tert-Butylbenzene	119		17.649					
96 1,2,4-Trimethylbenzene	105		17.719					
97 sec-Butylbenzene	105		17.911					
98 4-Isopropyltoluene	119		18.066					
99 1,3-Dichlorobenzene	146		18.151					
100 1,4-Dichlorobenzene	146		18.269					
101 Benzyl chloride	91		18.434					
103 n-Butylbenzene	91		18.583					
104 1,2-Dichlorobenzene	146		18.770					
107 1,2,4-Trichlorobenzene	180		21.215					
108 Hexachlorobutadiene	225		21.369					
109 Naphthalene	128		21.732					

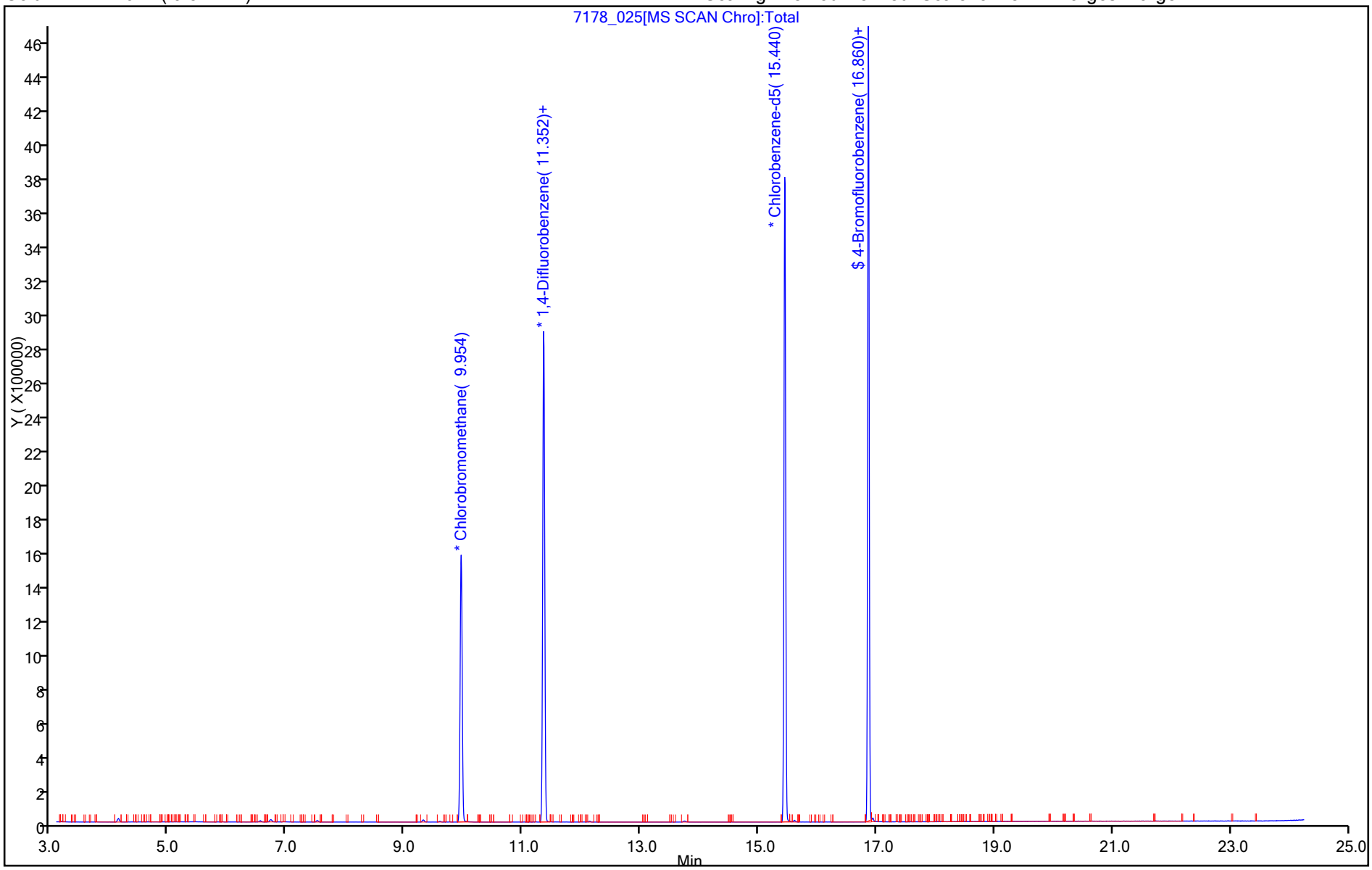
Report Date: 25-Apr-2014 11:42:20 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\Btv-lims1\chromdata\CHB.i\20140423-7178.b\7178_025.D

Injection Date:	24-Apr-2014 08:00:30	Instrument ID:	CHB.i	Operator ID:	pad
Lims ID:	200-21995-A-4	Lab Sample ID:	200-21995-4	Worklist Smp#:	25
Client ID:	5144				
Purge Vol:	5.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	12
Method:	TO15_LLNJ_TO3	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-22037-1

SDG No.:

Client Sample ID: 3632 Lab Sample ID: 200-22037-6

Matrix: Air Lab File ID: 7227_26.D

Analysis Method: TO-15 Date Collected: 04/24/2014 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 04/26/2014 09:57

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 71239 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-22037-1

SDG No.:

Client Sample ID: 3632 Lab Sample ID: 200-22037-6

Matrix: Air Lab File ID: 7227_26.D

Analysis Method: TO-15 Date Collected: 04/24/2014 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 04/26/2014 09:57

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 71239 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-22037-1

SDG No.:

Client Sample ID: 3632 Lab Sample ID: 200-22037-6

Matrix: Air Lab File ID: 7227_26.D

Analysis Method: TO-15 Date Collected: 04/24/2014 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 04/26/2014 09:57

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 71239 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140425-7227.b\7227_26.D
Lims ID: 200-22037-A-6 Lab Sample ID: 200-22037-6
Client ID: 3632
Sample Type: Client
Inject. Date: 26-Apr-2014 09:57:30 ALS Bottle#: 7 Worklist Smp#: 26
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0007227-026
Misc. Info.: 22037-06
Operator ID: wrd Instrument ID: CHC.i

Method: \\BTV-LIMS1\ChromData\CHC.i\20140425-7227.b\TO15_LLNJ_TO3_CHC.m
Limit Group: AI_TO15_ICAL
Last Update: 28-Apr-2014 10:25:37 Calib Date: 18-Mar-2014 16:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHC.i\20140317-6584.b\6584_10.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: desjardinsb Date: 28-Apr-2014 10:25:37

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		3.165					
2 Dichlorodifluoromethane	85		3.240					
6 Chlorodifluoromethane	51		3.299					
7 1,2-Dichloro-1,1,2,2-tetra	85		3.528					
8 Chloromethane	50		3.683					
9 Butane	43		3.902					
10 Vinyl chloride	62		3.950					
11 Butadiene	54		4.035					
12 Bromomethane	94		4.772					
13 Chloroethane	64		5.033					
15 Vinyl bromide	106		5.449					
16 Trichlorofluoromethane	101		5.556					
19 Ethanol	45		6.207					
23 1,1,2-Trichloro-1,2,2-trif	101		6.698					
24 1,1-Dichloroethene	96		6.741					
25 Acetone	43		7.018					
26 Carbon disulfide	76		7.130					
27 Isopropyl alcohol	45		7.344					
29 3-Chloro-1-propene	41		7.573					
31 Methylene Chloride	49	7.883	7.883	0.000	37	2287	0.1014	
32 2-Methyl-2-propanol	59		8.139					
33 Methyl tert-butyl ether	73		8.299					
34 trans-1,2-Dichloroethene	61		8.331					
36 Hexane	57		8.721					
37 1,1-Dichloroethane	63		9.249					
38 Vinyl acetate	43		9.340					
S 41 1,2-Dichloroethene, Total	61		10.200					
39 cis-1,2-Dichloroethene	96		10.413					
40 2-Butanone (MEK)	72		10.487					
42 Ethyl acetate	88		10.525					
* 43 Chlorobromomethane	128	10.898	10.898	0.000	66	420361	10.0	

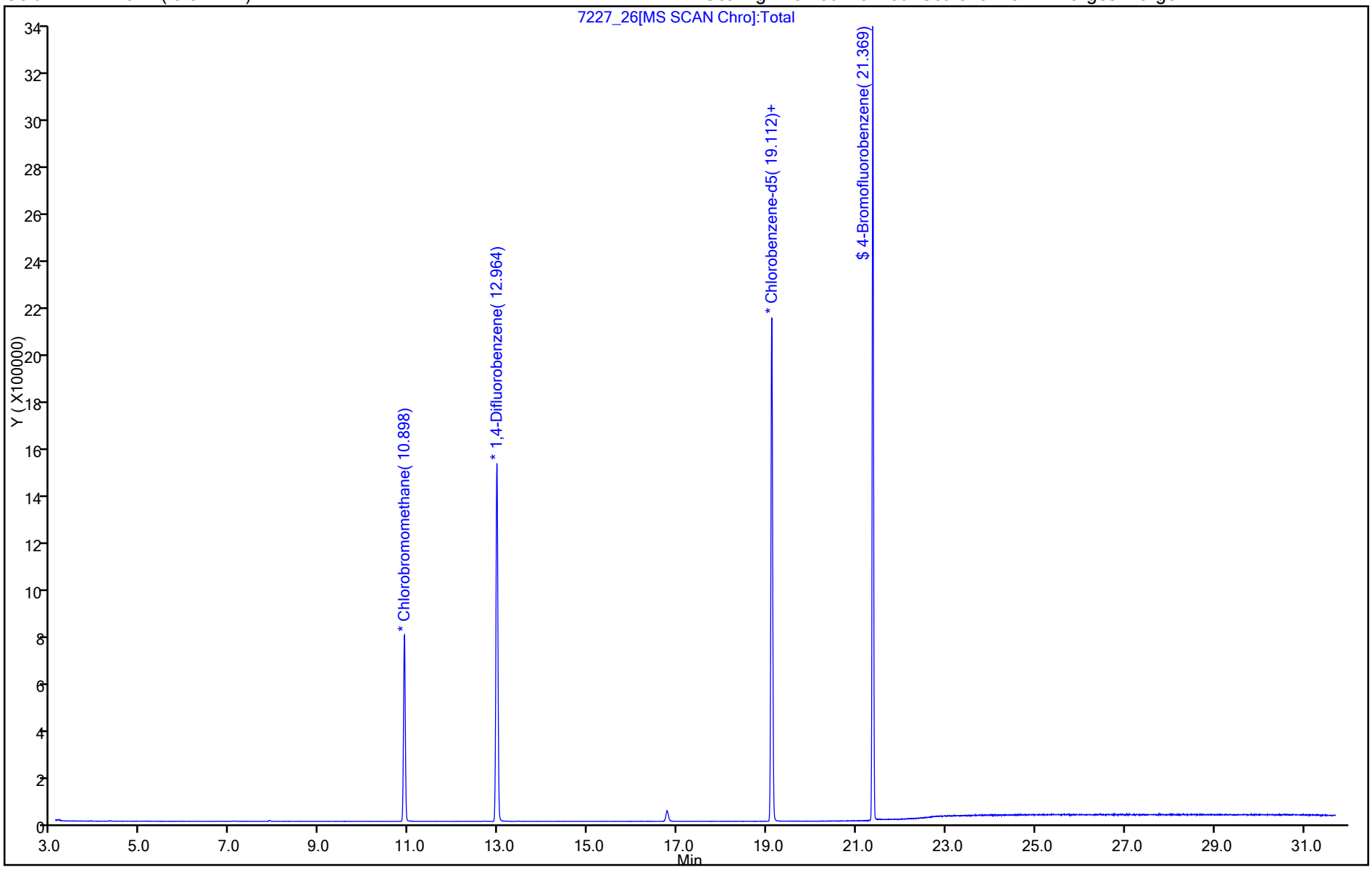
	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	44 Tetrahydrofuran	42		10.914					
	45 Chloroform	83		11.042					
	46 Cyclohexane	84		11.277					
	47 1,1,1-Trichloroethane	97		11.320					
	48 Carbon tetrachloride	117		11.576					
	51 Isooctane	57		12.024					
	50 Benzene	78		12.072					
	52 1,2-Dichloroethane	62		12.275					
	53 n-Heptane	43		12.441					
*	54 1,4-Difluorobenzene	114	12.964	12.969	-0.005	91	2362604	10.0	
	56 Trichloroethene	95		13.449					
	58 1,2-Dichloropropane	63		14.052					
	59 Methyl methacrylate	69		14.229					
	60 1,4-Dioxane	88		14.293					
	61 Dibromomethane	174		14.319					
	62 Dichlorobromomethane	83		14.623					
	64 cis-1,3-Dichloropropene	75		15.579					
	65 4-Methyl-2-pentanone (MIBK	43		15.888					
	66 Toluene	92		16.176					
	70 trans-1,3-Dichloropropene	75		16.790					
	71 1,1,2-Trichloroethane	83		17.169					
	72 Tetrachloroethene	166		17.260					
	73 2-Hexanone	43		17.628					
	74 Chlorodibromomethane	129		17.938					
	75 Ethylene Dibromide	107		18.215					
*	76 Chlorobenzene-d5	117	19.112	19.112	0.000	81	2313714	10.0	
	77 Chlorobenzene	112		19.170					
	78 Ethylbenzene	91		19.320					
	81 m-Xylene & p-Xylene	106		19.571					
S	82 Xylenes, Total	106		20.100					
	83 o-Xylene	106		20.382					
	84 Styrene	104		20.430					
	85 Bromoform	173		20.830					
	86 Isopropylbenzene	105		21.017					
$	87 4-Bromofluorobenzene	95	21.369	21.369	0.000	96	1366453	NC	
	88 1,1,2,2-Tetrachloroethane	83		21.641					
	90 N-Propylbenzene	91		21.700					
	91 4-Ethyltoluene	105		21.882					
	92 2-Chlorotoluene	91		21.892					
	94 1,3,5-Trimethylbenzene	105		21.983					
	96 tert-Butylbenzene	119		22.453					
	97 1,2,4-Trimethylbenzene	105		22.543					
	98 sec-Butylbenzene	105		22.768					
	99 4-Isopropyltoluene	119		22.965					
	100 1,3-Dichlorobenzene	146		23.002					
	101 1,4-Dichlorobenzene	146		23.141					
	102 Benzyl chloride	91		23.344					
	103 n-Butylbenzene	91		23.552					
	105 1,2-Dichlorobenzene	146		23.696					
	107 1,2,4-Trichlorobenzene	180		26.317					
	108 Hexachlorobutadiene	225		26.503					
	109 Naphthalene	128		26.845					

Report Date: 28-Apr-2014 10:25:38 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHC.i\20140425-7227.b\7227_26.D				
Injection Date:	26-Apr-2014 09:57:30	Instrument ID:	CHC.i	Operator ID:	wrd
Lims ID:	200-22037-A-6	Lab Sample ID:	200-22037-6	Worklist Smp#:	26
Client ID:	3632				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	7
Method:	TO15_LLNJ_TO3_CHC	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403
Tel: (802)660-1990

Laboratory Job ID: 200-57323-1
Client Project/Site: Site 255 GMCH, SSOW 255020

For:
GHD Services Inc.
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, New York 14304

Attn: Kathleen Willy

Denise D Heckler

Authorized for release by:
2/26/2021 4:59:50 PM

Denise Heckler, Project Manager II
(330)966-9477
Denise.Heckler@Eurofinset.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: GHD Services Inc.
Job ID: 200-57323-1
Project/Site: Site 255 GMCH, SSOW 255020

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*3	ISTD response or retention time outside acceptable limits.
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Case Narrative

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Job ID: 200-57323-1

Laboratory: Eurofins TestAmerica, Burlington

Narrative

Job Narrative
200-57323-1

Comments
No additional comments.

Receipt
The samples were received on 2/23/2021 11:00 AM. Unless otherwise noted below, the samples arrived in good condition.

Receipt Exceptions
During the canister pressure check performed upon receipt, it was observed that the following samples were received at an elevated residual vacuum level: SS13-IA-021621-1130 (200-57323-5), SS37-SV-021621-1020 (200-57323-6), AA3-021821-1020 (200-57323-10), G29-SV-021821-0925 (200-57323-22) and G3-IA-021821-1100 (200-57323-25). The associated flow controller was evaluated upon receipt and was found to be within the acceptable flow range as compared to the original set flow rate.

Air Toxics
Method TO-15: Internal standard (ISTD) response for Chlorobenzene-d5 for the following sample was outside acceptance criteria: W25-SV-021821-0840 (200-57323-19). This ISTD does not correspond to any of the requested target compounds; therefore, the data have been reported.

Method TO-15: Internal standard responses were outside of acceptance limits for the following sample: HH37-IA-021621-1045 (200-57323-9). The sample(s) shows evidence of matrix interference.

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

Detection Summary

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: VU9-SV-021621-0855

Lab Sample ID: 200-57323-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.3	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	0.48	J	1.0	0.23	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	5.4		1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	1000	E	12	2.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	7.7		1.6	0.23	ug/m3	1		TO-15	Total/NA
1,1-Dichloroethane	0.47	J	0.81	0.17	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	13		1.5	0.21	ug/m3	1		TO-15	Total/NA
Chloroform	0.47	J	0.98	0.16	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	8.7		1.1	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	89		0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.17	J	0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	33		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	9.0		0.20	0.19	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.67	J	2.0	0.15	ug/m3	1		TO-15	Total/NA
Toluene	79		0.75	0.41	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	4.9		1.4	0.22	ug/m3	1		TO-15	Total/NA
Ethylbenzene	23		0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	130		2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	30		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	160		3.0	0.21	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	2.4		0.98	0.17	ug/m3	1		TO-15	Total/NA
Acetone - DL	710		180	43	ug/m3	15		TO-15	Total/NA
Carbon disulfide - DL	9.8	J	23	3.5	ug/m3	15		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	17	J	22	3.2	ug/m3	15		TO-15	Total/NA
Cyclohexane - DL	71		10	2.4	ug/m3	15		TO-15	Total/NA
Benzene - DL	22		9.6	3.2	ug/m3	15		TO-15	Total/NA
Trichloroethene - DL	4.5		3.0	2.8	ug/m3	15		TO-15	Total/NA
Toluene - DL	62		11	6.2	ug/m3	15		TO-15	Total/NA
Ethylbenzene - DL	23	B	13	4.1	ug/m3	15		TO-15	Total/NA
m,p-Xylene - DL	94		33	6.5	ug/m3	15		TO-15	Total/NA
o-Xylene - DL	25		13	3.1	ug/m3	15		TO-15	Total/NA
Xylene (total) - DL	120		46	3.1	ug/m3	15		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.46	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.23	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.24		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.70		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	420	E	5.0	1.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	2.5		0.50	0.074	ppb v/v	1		TO-15	Total/NA
1,1-Dichloroethane	0.12	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	4.5		0.50	0.072	ppb v/v	1		TO-15	Total/NA
Chloroform	0.095	J	0.20	0.032	ppb v/v	1		TO-15	Total/NA
1,1,1-Trichloroethane	1.6		0.20	0.036	ppb v/v	1		TO-15	Total/NA
Cyclohexane	26		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.026	J	0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	10		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	1.7		0.037	0.035	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.16	J	0.50	0.036	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: VU9-SV-021621-0855 (Continued)

Lab Sample ID: 200-57323-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	21		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.72		0.20	0.033	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	5.4		0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	29		0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	6.9		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	37		0.70	0.048	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.49		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Acetone - DL	300		75	18	ppb v/v	15		TO-15	Total/NA
Carbon disulfide - DL	3.2	J	7.5	1.1	ppb v/v	15		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	5.6	J	7.5	1.1	ppb v/v	15		TO-15	Total/NA
Cyclohexane - DL	21		3.0	0.69	ppb v/v	15		TO-15	Total/NA
Benzene - DL	7.0		3.0	1.0	ppb v/v	15		TO-15	Total/NA
Trichloroethene - DL	0.84		0.56	0.53	ppb v/v	15		TO-15	Total/NA
Toluene - DL	16		3.0	1.7	ppb v/v	15		TO-15	Total/NA
Ethylbenzene - DL	5.3	B	3.0	0.95	ppb v/v	15		TO-15	Total/NA
m,p-Xylene - DL	22		7.5	1.5	ppb v/v	15		TO-15	Total/NA
o-Xylene - DL	5.8		3.0	0.72	ppb v/v	15		TO-15	Total/NA
Xylene (total) - DL	27		11	0.72	ppb v/v	15		TO-15	Total/NA

Client Sample ID: VU9-IA-021621-0855

Lab Sample ID: 200-57323-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	3.1		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.5		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	1.7		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.9		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.62	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	70		12	2.9	ug/m3	1		TO-15	Total/NA
Methylene Chloride	2.2		1.7	0.94	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	3.5		1.5	0.21	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.24	J	0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.47		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	1.2		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.27		0.20	0.19	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.45	J	2.0	0.15	ug/m3	1		TO-15	Total/NA
Toluene	2.5		0.75	0.41	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	21		1.4	0.22	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.34	J	0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.2	J	2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	1.2		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	2.4	J	3.0	0.21	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	2.2		0.98	0.17	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.63		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.73		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.65		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.34		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.081	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	29		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.62		0.50	0.27	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: VU9-IA-021621-0855 (Continued) — Lab Sample ID: 200-57323-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl Ethyl Ketone (2-Butanone)	1.2		0.50	0.072	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.069	J	0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.075		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.38		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.051		0.037	0.035	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.11	J	0.50	0.036	ppb v/v	1		TO-15	Total/NA
Toluene	0.67		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	3.1		0.20	0.033	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.078	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.28	J	0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.28		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.55	J	0.70	0.048	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.45		0.20	0.035	ppb v/v	1		TO-15	Total/NA

Client Sample ID: AA01-021621-1100 — Lab Sample ID: 200-57323-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.6		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.4		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	4.0		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.7		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.60	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	9.4	J	12	2.9	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.0	J	1.5	0.21	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.50		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.61	J	0.64	0.21	ug/m3	1		TO-15	Total/NA
Toluene	2.2		0.75	0.41	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.52		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.67		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	1.5		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.30		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.078	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	4.0	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.35	J	0.50	0.072	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.079		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.19	J	0.20	0.067	ppb v/v	1		TO-15	Total/NA
Toluene	0.59		0.20	0.11	ppb v/v	1		TO-15	Total/NA

Client Sample ID: SS13-SV-021621-0945 — Lab Sample ID: 200-57323-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.7		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	0.86	J	1.0	0.23	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.8		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	1.2	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	520	E	12	2.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	2.9		1.6	0.23	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	9.9		1.5	0.21	ug/m3	1		TO-15	Total/NA
Chloroform	4.9		0.98	0.16	ug/m3	1		TO-15	Total/NA
Cyclohexane	19		0.69	0.16	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SS13-SV-021621-0945 (Continued)

Lab Sample ID: 200-57323-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	0.23		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	16		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	32		0.20	0.19	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.98	J	2.0	0.15	ug/m3	1		TO-15	Total/NA
Toluene	35		0.75	0.41	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	43		1.4	0.22	ug/m3	1		TO-15	Total/NA
Ethylbenzene	14		0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	60		2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	23		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	83		3.0	0.21	ug/m3	1		TO-15	Total/NA
Styrene	1.8		0.85	0.17	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	14		0.98	0.17	ug/m3	1		TO-15	Total/NA
Acetone - DL	180		120	29	ug/m3	10		TO-15	Total/NA
Cyclohexane - DL	10		6.9	1.6	ug/m3	10		TO-15	Total/NA
Benzene - DL	5.6	J	6.4	2.1	ug/m3	10		TO-15	Total/NA
Trichloroethene - DL	14		2.0	1.9	ug/m3	10		TO-15	Total/NA
Toluene - DL	13		7.5	4.1	ug/m3	10		TO-15	Total/NA
Tetrachloroethene - DL	22		14	2.2	ug/m3	10		TO-15	Total/NA
Ethylbenzene - DL	7.2	J B	8.7	2.7	ug/m3	10		TO-15	Total/NA
m,p-Xylene - DL	20	J	22	4.3	ug/m3	10		TO-15	Total/NA
o-Xylene - DL	9.6		8.7	2.1	ug/m3	10		TO-15	Total/NA
Xylene (total) - DL	30		30	2.1	ug/m3	10		TO-15	Total/NA
Isopropylbenzene (cumene) - DL	5.0	J	9.8	1.7	ug/m3	10		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.55		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.42	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.32		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.16	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	220	E	5.0	1.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.94		0.50	0.074	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	3.4		0.50	0.072	ppb v/v	1		TO-15	Total/NA
Chloroform	1.0		0.20	0.032	ppb v/v	1		TO-15	Total/NA
Cyclohexane	5.5		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.036		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	5.1		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	5.9		0.037	0.035	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.24	J	0.50	0.036	ppb v/v	1		TO-15	Total/NA
Toluene	9.4		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	6.4		0.20	0.033	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	3.1		0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	14		0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	5.2		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	19		0.70	0.048	ppb v/v	1		TO-15	Total/NA
Styrene	0.42		0.20	0.040	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	2.9		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Acetone - DL	77		50	12	ppb v/v	10		TO-15	Total/NA
Cyclohexane - DL	3.0		2.0	0.46	ppb v/v	10		TO-15	Total/NA
Benzene - DL	1.8	J	2.0	0.67	ppb v/v	10		TO-15	Total/NA
Trichloroethene - DL	2.6		0.37	0.35	ppb v/v	10		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SS13-SV-021621-0945 (Continued) — Lab Sample ID: 200-57323-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene - DL	3.5		2.0	1.1	ppb v/v	10		TO-15	Total/NA
Tetrachloroethene - DL	3.2		2.0	0.33	ppb v/v	10		TO-15	Total/NA
Ethylbenzene - DL	1.7	J B	2.0	0.63	ppb v/v	10		TO-15	Total/NA
m,p-Xylene - DL	4.6	J	5.0	1.0	ppb v/v	10		TO-15	Total/NA
o-Xylene - DL	2.2		2.0	0.48	ppb v/v	10		TO-15	Total/NA
Xylene (total) - DL	6.8		7.0	0.48	ppb v/v	10		TO-15	Total/NA
Isopropylbenzene (cumene) - DL	1.0	J	2.0	0.35	ppb v/v	10		TO-15	Total/NA

Client Sample ID: SS13-IA-021621-1130 — Lab Sample ID: 200-57323-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.4	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.3		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	3.6		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.7		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.57	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	9.2	J	12	2.9	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.5		1.5	0.21	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.48		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.62	J	0.64	0.21	ug/m3	1		TO-15	Total/NA
Toluene	2.6		0.75	0.41	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.86	J	2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	1.2		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	2.1	J	3.0	0.21	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	1.8		0.98	0.17	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.48	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.65		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	1.4		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.29		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.074	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	3.9	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.51		0.50	0.072	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.076		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.20	J	0.20	0.067	ppb v/v	1		TO-15	Total/NA
Toluene	0.70		0.20	0.11	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.20	J	0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.27		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.47	J	0.70	0.048	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.37		0.20	0.035	ppb v/v	1		TO-15	Total/NA

Client Sample ID: SS37-SV-021621-1020 — Lab Sample ID: 200-57323-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	3.4		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	0.61	J	1.0	0.23	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.5		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.66	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	760	E	12	2.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	2.0		1.6	0.23	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.6	J	1.7	0.94	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	7.0		1.5	0.21	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SS37-SV-021621-1020 (Continued)

Lab Sample ID: 200-57323-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.22	J	0.98	0.16	ug/m3	1		TO-15	Total/NA
Cyclohexane	20		0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.32		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	9.0		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	21		0.20	0.19	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.6	J	2.0	0.15	ug/m3	1		TO-15	Total/NA
Toluene	25		0.75	0.41	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	13		1.4	0.22	ug/m3	1		TO-15	Total/NA
Ethylbenzene	6.3		0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	33		2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	10		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	43		3.0	0.21	ug/m3	1		TO-15	Total/NA
Styrene	2.3		0.85	0.17	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	1.0		0.98	0.17	ug/m3	1		TO-15	Total/NA
Acetone - DL	320		120	29	ug/m3	10		TO-15	Total/NA
Benzene - DL	5.4	J	6.4	2.1	ug/m3	10		TO-15	Total/NA
Trichloroethene - DL	11		2.0	1.9	ug/m3	10		TO-15	Total/NA
Toluene - DL	7.8		7.5	4.1	ug/m3	10		TO-15	Total/NA
Tetrachloroethene - DL	9.2	J	14	2.2	ug/m3	10		TO-15	Total/NA
o-Xylene - DL	6.1	J	8.7	2.1	ug/m3	10		TO-15	Total/NA
Xylene (total) - DL	6.1	J	30	2.1	ug/m3	10		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.68		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.30	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.28		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.086	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	320	E	5.0	1.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.66		0.50	0.074	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.46	J	0.50	0.27	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	2.4		0.50	0.072	ppb v/v	1		TO-15	Total/NA
Chloroform	0.045	J	0.20	0.032	ppb v/v	1		TO-15	Total/NA
Cyclohexane	5.8		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.052		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	2.8		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	3.9		0.037	0.035	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.40	J	0.50	0.036	ppb v/v	1		TO-15	Total/NA
Toluene	6.6		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	2.0		0.20	0.033	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	1.4		0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	7.6		0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	2.4		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	9.9		0.70	0.048	ppb v/v	1		TO-15	Total/NA
Styrene	0.53		0.20	0.040	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.21		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Acetone - DL	130		50	12	ppb v/v	10		TO-15	Total/NA
Benzene - DL	1.7	J	2.0	0.67	ppb v/v	10		TO-15	Total/NA
Trichloroethene - DL	2.0		0.37	0.35	ppb v/v	10		TO-15	Total/NA
Toluene - DL	2.1		2.0	1.1	ppb v/v	10		TO-15	Total/NA
Tetrachloroethene - DL	1.4	J	2.0	0.33	ppb v/v	10		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SS37-SV-021621-1020 (Continued) — Lab Sample ID: 200-57323-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
o-Xylene - DL	1.4	J	2.0	0.48	ppb v/v	10		TO-15	Total/NA
Xylene (total) - DL	1.4	J	7.0	0.48	ppb v/v	10		TO-15	Total/NA

Client Sample ID: SS37-IA-021621-1020 — Lab Sample ID: 200-57323-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.6		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.4		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	1.9		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.6		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.50	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	18		12	2.9	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.8		1.5	0.21	ug/m3	1		TO-15	Total/NA
Chloroform	0.33	J	0.98	0.16	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.17	J	0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.42		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.83		0.64	0.21	ug/m3	1		TO-15	Total/NA
Toluene	2.4		0.75	0.41	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.77	J	2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	0.89		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	1.7	J	3.0	0.21	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	1.4		0.98	0.17	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.53		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.67		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.75		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.29		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.066	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	7.4		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.61		0.50	0.072	ppb v/v	1		TO-15	Total/NA
Chloroform	0.067	J	0.20	0.032	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.048	J	0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.066		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.26		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Toluene	0.63		0.20	0.11	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.18	J	0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.20		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.38	J	0.70	0.048	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.29		0.20	0.035	ppb v/v	1		TO-15	Total/NA

Client Sample ID: HH37-SV-021621-1045 — Lab Sample ID: 200-57323-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	9.8		4.9	1.1	ug/m3	2		TO-15	Total/NA
Trichlorofluoromethane	3.5		2.2	0.67	ug/m3	2		TO-15	Total/NA
Acetone	150		24	5.7	ug/m3	2		TO-15	Total/NA
Carbon disulfide	9.2		3.1	0.46	ug/m3	2		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	12		2.9	0.42	ug/m3	2		TO-15	Total/NA
Chloroform	350		2.0	0.31	ug/m3	2		TO-15	Total/NA
Cyclohexane	110		1.4	0.32	ug/m3	2		TO-15	Total/NA
Carbon tetrachloride	0.53		0.44	0.30	ug/m3	2		TO-15	Total/NA
Benzene	43		1.3	0.43	ug/m3	2		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: HH37-SV-021621-1045 (Continued)

Lab Sample ID: 200-57323-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	7.0		0.40	0.38	ug/m3	2		TO-15	Total/NA
Toluene	110		1.5	0.83	ug/m3	2		TO-15	Total/NA
Tetrachloroethene	21		2.7	0.45	ug/m3	2		TO-15	Total/NA
Ethylbenzene	12		1.7	0.55	ug/m3	2		TO-15	Total/NA
m,p-Xylene	100		4.3	0.87	ug/m3	2		TO-15	Total/NA
o-Xylene	26		1.7	0.42	ug/m3	2		TO-15	Total/NA
Xylene (total)	130		6.1	0.42	ug/m3	2		TO-15	Total/NA
Styrene	1.5	J	1.7	0.34	ug/m3	2		TO-15	Total/NA
Isopropylbenzene (cumene)	2.6		2.0	0.34	ug/m3	2		TO-15	Total/NA
Dichlorodifluoromethane - DL	9.5	J	25	5.4	ug/m3	10		TO-15	Total/NA
Acetone - DL	140		120	29	ug/m3	10		TO-15	Total/NA
Carbon disulfide - DL	8.8	J	16	2.3	ug/m3	10		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	9.5	J	15	2.1	ug/m3	10		TO-15	Total/NA
Chloroform - DL	330		9.8	1.6	ug/m3	10		TO-15	Total/NA
Cyclohexane - DL	98		6.9	1.6	ug/m3	10		TO-15	Total/NA
Benzene - DL	40		6.4	2.1	ug/m3	10		TO-15	Total/NA
Trichloroethene - DL	6.1		2.0	1.9	ug/m3	10		TO-15	Total/NA
Toluene - DL	98		7.5	4.1	ug/m3	10		TO-15	Total/NA
Tetrachloroethene - DL	20		14	2.2	ug/m3	10		TO-15	Total/NA
Ethylbenzene - DL	11		8.7	2.7	ug/m3	10		TO-15	Total/NA
m,p-Xylene - DL	90		22	4.3	ug/m3	10		TO-15	Total/NA
o-Xylene - DL	23		8.7	2.1	ug/m3	10		TO-15	Total/NA
Xylene (total) - DL	110		30	2.1	ug/m3	10		TO-15	Total/NA
Isopropylbenzene (cumene) - DL	2.3	J	9.8	1.7	ug/m3	10		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.0		1.0	0.22	ppb v/v	2		TO-15	Total/NA
Trichlorofluoromethane	0.62		0.40	0.12	ppb v/v	2		TO-15	Total/NA
Acetone	61		10	2.4	ppb v/v	2		TO-15	Total/NA
Carbon disulfide	2.9		1.0	0.15	ppb v/v	2		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	4.0		1.0	0.14	ppb v/v	2		TO-15	Total/NA
Chloroform	71		0.40	0.064	ppb v/v	2		TO-15	Total/NA
Cyclohexane	31		0.40	0.092	ppb v/v	2		TO-15	Total/NA
Carbon tetrachloride	0.084		0.070	0.048	ppb v/v	2		TO-15	Total/NA
Benzene	14		0.40	0.13	ppb v/v	2		TO-15	Total/NA
Trichloroethene	1.3		0.074	0.070	ppb v/v	2		TO-15	Total/NA
Toluene	28		0.40	0.22	ppb v/v	2		TO-15	Total/NA
Tetrachloroethene	3.1		0.40	0.066	ppb v/v	2		TO-15	Total/NA
Ethylbenzene	2.7		0.40	0.13	ppb v/v	2		TO-15	Total/NA
m,p-Xylene	23		1.0	0.20	ppb v/v	2		TO-15	Total/NA
o-Xylene	6.1		0.40	0.096	ppb v/v	2		TO-15	Total/NA
Xylene (total)	29		1.4	0.096	ppb v/v	2		TO-15	Total/NA
Styrene	0.36	J	0.40	0.080	ppb v/v	2		TO-15	Total/NA
Isopropylbenzene (cumene)	0.53		0.40	0.070	ppb v/v	2		TO-15	Total/NA
Dichlorodifluoromethane - DL	1.9	J	5.0	1.1	ppb v/v	10		TO-15	Total/NA
Acetone - DL	60		50	12	ppb v/v	10		TO-15	Total/NA
Carbon disulfide - DL	2.8	J	5.0	0.74	ppb v/v	10		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	3.2	J	5.0	0.72	ppb v/v	10		TO-15	Total/NA
Chloroform - DL	68		2.0	0.32	ppb v/v	10		TO-15	Total/NA
Cyclohexane - DL	28		2.0	0.46	ppb v/v	10		TO-15	Total/NA
Benzene - DL	13		2.0	0.67	ppb v/v	10		TO-15	Total/NA
Trichloroethene - DL	1.1		0.37	0.35	ppb v/v	10		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: HH37-SV-021621-1045 (Continued)

Lab Sample ID: 200-57323-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene - DL	26		2.0	1.1	ppb v/v	10		TO-15	Total/NA
Tetrachloroethene - DL	2.9		2.0	0.33	ppb v/v	10		TO-15	Total/NA
Ethylbenzene - DL	2.4		2.0	0.63	ppb v/v	10		TO-15	Total/NA
m,p-Xylene - DL	21		5.0	1.0	ppb v/v	10		TO-15	Total/NA
o-Xylene - DL	5.4		2.0	0.48	ppb v/v	10		TO-15	Total/NA
Xylene (total) - DL	26		7.0	0.48	ppb v/v	10		TO-15	Total/NA
Isopropylbenzene (cumene) - DL	0.46	J	2.0	0.35	ppb v/v	10		TO-15	Total/NA

Client Sample ID: HH37-IA-021621-1045

Lab Sample ID: 200-57323-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	3.3	J *3	4.9	1.1	ug/m3	2		TO-15	Total/NA
Chloromethane	1.8	J *3	2.1	0.45	ug/m3	2		TO-15	Total/NA
Trichlorofluoromethane	2.4	*3	2.2	0.67	ug/m3	2		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.64	J *3	3.1	0.58	ug/m3	2		TO-15	Total/NA
Acetone	20	J *3	24	5.7	ug/m3	2		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	3.3	*3	2.9	0.42	ug/m3	2		TO-15	Total/NA
cis-1,2-Dichloroethene	0.36	J *3	0.40	0.36	ug/m3	2		TO-15	Total/NA
Chloroform	1.1	J *3	2.0	0.31	ug/m3	2		TO-15	Total/NA
Cyclohexane	0.35	J	1.4	0.32	ug/m3	2		TO-15	Total/NA
Carbon tetrachloride	0.36	J	0.44	0.30	ug/m3	2		TO-15	Total/NA
Benzene	1.0	J	1.3	0.43	ug/m3	2		TO-15	Total/NA
Trichloroethene	0.82		0.40	0.38	ug/m3	2		TO-15	Total/NA
Toluene	2.5		1.5	0.83	ug/m3	2		TO-15	Total/NA
Tetrachloroethene	0.51	J	2.7	0.45	ug/m3	2		TO-15	Total/NA
m,p-Xylene	2.4	J	4.3	0.87	ug/m3	2		TO-15	Total/NA
o-Xylene	6.9		1.7	0.42	ug/m3	2		TO-15	Total/NA
o-Xylene	6.8	J	8.7	2.1	ug/m3	10		TO-15	Total/NA
Xylene (total)	9.3		6.1	0.42	ug/m3	2		TO-15	Total/NA
Xylene (total)	6.8	J	30	2.1	ug/m3	10		TO-15	Total/NA
Styrene	2.1		1.7	0.34	ug/m3	2		TO-15	Total/NA
Styrene	2.1	J	8.5	1.7	ug/m3	10		TO-15	Total/NA
Isopropylbenzene (cumene)	13		2.0	0.34	ug/m3	2		TO-15	Total/NA
Isopropylbenzene (cumene)	14		9.8	1.7	ug/m3	10		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.66	J *3	1.0	0.22	ppb v/v	2		TO-15	Total/NA
Chloromethane	0.88	J *3	1.0	0.22	ppb v/v	2		TO-15	Total/NA
Trichlorofluoromethane	0.43	*3	0.40	0.12	ppb v/v	2		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.084	J *3	0.40	0.076	ppb v/v	2		TO-15	Total/NA
Acetone	8.2	J *3	10	2.4	ppb v/v	2		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.1	*3	1.0	0.14	ppb v/v	2		TO-15	Total/NA
cis-1,2-Dichloroethene	0.091	J *3	0.10	0.090	ppb v/v	2		TO-15	Total/NA
Chloroform	0.22	J *3	0.40	0.064	ppb v/v	2		TO-15	Total/NA
Cyclohexane	0.10	J	0.40	0.092	ppb v/v	2		TO-15	Total/NA
Carbon tetrachloride	0.058	J	0.070	0.048	ppb v/v	2		TO-15	Total/NA
Benzene	0.33	J	0.40	0.13	ppb v/v	2		TO-15	Total/NA
Trichloroethene	0.15		0.074	0.070	ppb v/v	2		TO-15	Total/NA
Toluene	0.68		0.40	0.22	ppb v/v	2		TO-15	Total/NA
Tetrachloroethene	0.075	J	0.40	0.066	ppb v/v	2		TO-15	Total/NA
m,p-Xylene	0.55	J	1.0	0.20	ppb v/v	2		TO-15	Total/NA
o-Xylene	1.6		0.40	0.096	ppb v/v	2		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: HH37-IA-021621-1045 (Continued) — Lab Sample ID: 200-57323-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
o-Xylene	1.6	J	2.0	0.48	ppb v/v	10		TO-15	Total/NA
Xylene (total)	2.1		1.4	0.096	ppb v/v	2		TO-15	Total/NA
Xylene (total)	1.6	J	7.0	0.48	ppb v/v	10		TO-15	Total/NA
Styrene	0.50		0.40	0.080	ppb v/v	2		TO-15	Total/NA
Styrene	0.50	J	2.0	0.40	ppb v/v	10		TO-15	Total/NA
Isopropylbenzene (cumene)	2.6		0.40	0.070	ppb v/v	2		TO-15	Total/NA
Isopropylbenzene (cumene)	2.8		2.0	0.35	ppb v/v	10		TO-15	Total/NA

Client Sample ID: AA3-021821-1020 — Lab Sample ID: 200-57323-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.1	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.4		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	1.8		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.6		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.70	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	4.7	J	12	2.9	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.90	J	1.5	0.21	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.45		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.61	J	0.64	0.21	ug/m3	1		TO-15	Total/NA
Toluene	0.72	J	0.75	0.41	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.43	J	2.2	0.43	ug/m3	1		TO-15	Total/NA
Xylene (total)	0.43	J	3.0	0.21	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.43	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.70		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.70		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.28		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.092	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	2.0	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.31	J	0.50	0.072	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.071		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.19	J	0.20	0.067	ppb v/v	1		TO-15	Total/NA
Toluene	0.19	J	0.20	0.11	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.098	J	0.50	0.10	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.099	J	0.70	0.048	ppb v/v	1		TO-15	Total/NA

Client Sample ID: YF25-SV-021721-0830 — Lab Sample ID: 200-57323-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	5.7		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	0.91	J	1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	4.6		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.7		1.1	0.34	ug/m3	1		TO-15	Total/NA
Acetone	130	E	12	2.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.63	J	1.6	0.23	ug/m3	1		TO-15	Total/NA
Methylene Chloride	19		1.7	0.94	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	5.5		1.5	0.21	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.30		0.20	0.18	ug/m3	1		TO-15	Total/NA
Cyclohexane	1.0		0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.48		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	1.2		0.64	0.21	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: YF25-SV-021721-0830 (Continued)

Lab Sample ID: 200-57323-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.24		0.20	0.19	ug/m3	1		TO-15	Total/NA
Toluene	4.3		0.75	0.41	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	3.0		1.4	0.22	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.20	J	2.0	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.2		0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	6.9		2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	1.9		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	8.8		3.0	0.21	ug/m3	1		TO-15	Total/NA
Styrene	0.35	J	0.85	0.17	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.50	J	0.98	0.17	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane - DL	6.1		4.9	1.1	ug/m3	2		TO-15	Total/NA
Chloromethane - DL	0.82	J	2.1	0.45	ug/m3	2		TO-15	Total/NA
Vinyl chloride - DL	4.2		0.40	0.22	ug/m3	2		TO-15	Total/NA
Trichlorofluoromethane - DL	1.5	J	2.2	0.67	ug/m3	2		TO-15	Total/NA
Acetone - DL	110		24	5.7	ug/m3	2		TO-15	Total/NA
Carbon disulfide - DL	0.53	J	3.1	0.46	ug/m3	2		TO-15	Total/NA
Methylene Chloride - DL	18		3.5	1.9	ug/m3	2		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	4.8		2.9	0.42	ug/m3	2		TO-15	Total/NA
Cyclohexane - DL	0.89	J	1.4	0.32	ug/m3	2		TO-15	Total/NA
Carbon tetrachloride - DL	0.39	J	0.44	0.30	ug/m3	2		TO-15	Total/NA
Benzene - DL	1.1	J	1.3	0.43	ug/m3	2		TO-15	Total/NA
Toluene - DL	4.0		1.5	0.83	ug/m3	2		TO-15	Total/NA
Tetrachloroethene - DL	2.8		2.7	0.45	ug/m3	2		TO-15	Total/NA
Ethylbenzene - DL	1.1	J	1.7	0.55	ug/m3	2		TO-15	Total/NA
m,p-Xylene - DL	6.3		4.3	0.87	ug/m3	2		TO-15	Total/NA
o-Xylene - DL	1.7		1.7	0.42	ug/m3	2		TO-15	Total/NA
Xylene (total) - DL	8.0		6.1	0.42	ug/m3	2		TO-15	Total/NA
Isopropylbenzene (cumene) - DL	0.46	J	2.0	0.34	ug/m3	2		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	1.2		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.44	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	1.8		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.30		0.20	0.060	ppb v/v	1		TO-15	Total/NA
Acetone	56	E	5.0	1.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.20	J	0.50	0.074	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	5.6		0.50	0.27	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.9		0.50	0.072	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.075		0.050	0.045	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.30		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.077		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.36		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.045		0.037	0.035	ppb v/v	1		TO-15	Total/NA
Toluene	1.1		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.44		0.20	0.033	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.048	J	0.50	0.048	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.28		0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	1.6		0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.44		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	2.0		0.70	0.048	ppb v/v	1		TO-15	Total/NA
Styrene	0.083	J	0.20	0.040	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.10	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: YF25-SV-021721-0830 (Continued) — Lab Sample ID: 200-57323-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane - DL	1.2		1.0	0.22	ppb v/v	2		TO-15	Total/NA
Chloromethane - DL	0.40	J	1.0	0.22	ppb v/v	2		TO-15	Total/NA
Vinyl chloride - DL	1.7		0.16	0.088	ppb v/v	2		TO-15	Total/NA
Trichlorofluoromethane - DL	0.26	J	0.40	0.12	ppb v/v	2		TO-15	Total/NA
Acetone - DL	47		10	2.4	ppb v/v	2		TO-15	Total/NA
Carbon disulfide - DL	0.17	J	1.0	0.15	ppb v/v	2		TO-15	Total/NA
Methylene Chloride - DL	5.1		1.0	0.54	ppb v/v	2		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	1.6		1.0	0.14	ppb v/v	2		TO-15	Total/NA
Cyclohexane - DL	0.26	J	0.40	0.092	ppb v/v	2		TO-15	Total/NA
Carbon tetrachloride - DL	0.062	J	0.070	0.048	ppb v/v	2		TO-15	Total/NA
Benzene - DL	0.36	J	0.40	0.13	ppb v/v	2		TO-15	Total/NA
Toluene - DL	1.1		0.40	0.22	ppb v/v	2		TO-15	Total/NA
Tetrachloroethene - DL	0.41		0.40	0.066	ppb v/v	2		TO-15	Total/NA
Ethylbenzene - DL	0.26	J	0.40	0.13	ppb v/v	2		TO-15	Total/NA
m,p-Xylene - DL	1.4		1.0	0.20	ppb v/v	2		TO-15	Total/NA
o-Xylene - DL	0.40		0.40	0.096	ppb v/v	2		TO-15	Total/NA
Xylene (total) - DL	1.8		1.4	0.096	ppb v/v	2		TO-15	Total/NA
Isopropylbenzene (cumene) - DL	0.093	J	0.40	0.070	ppb v/v	2		TO-15	Total/NA

Client Sample ID: YF25-IA-021721-0830 — Lab Sample ID: 200-57323-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	6.2		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.3		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	2.3		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.62	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	16		12	2.9	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	2.8		1.5	0.21	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.25	J	0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.41		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.66		0.64	0.21	ug/m3	1		TO-15	Total/NA
Toluene	11		0.75	0.41	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.51	J	0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.8	J	2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	0.53	J	0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	2.3	J	3.0	0.21	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	1.3		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.65		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.90		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.25		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.081	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	6.9		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.96		0.50	0.072	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.071	J	0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.065		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.21		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Toluene	2.9		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.12	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.41	J	0.50	0.10	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: YF25-IA-021721-0830 (Continued)

Lab Sample ID: 200-57323-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
o-Xylene	0.12	J	0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.54	J	0.70	0.048	ppb v/v	1		TO-15	Total/NA

Client Sample ID: NN58-SV-021721-0855

Lab Sample ID: 200-57323-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.4	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	0.48	J	1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	3.0		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.6		1.1	0.34	ug/m3	1		TO-15	Total/NA
Acetone	230	E	12	2.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.65	J	1.6	0.23	ug/m3	1		TO-15	Total/NA
1,1-Dichloroethane	0.97		0.81	0.17	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	37		1.5	0.21	ug/m3	1		TO-15	Total/NA
Chloroform	6.3		0.98	0.16	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.49	J	1.1	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	43		0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.29		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	6.6		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	8.6		0.20	0.19	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	6.1		2.0	0.15	ug/m3	1		TO-15	Total/NA
Toluene	36		0.75	0.41	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	21		1.4	0.22	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	13		2.0	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	11		0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	57		2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	20		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	77		3.0	0.21	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	3.1		0.98	0.17	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane - DL	3.1	J	9.9	2.2	ug/m3	4		TO-15	Total/NA
Vinyl chloride - DL	3.2		0.80	0.45	ug/m3	4		TO-15	Total/NA
Trichlorofluoromethane - DL	1.6	J	4.5	1.3	ug/m3	4		TO-15	Total/NA
Acetone - DL	240		48	11	ug/m3	4		TO-15	Total/NA
1,1-Dichloroethane - DL	0.80	J	3.2	0.66	ug/m3	4		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	37		5.9	0.85	ug/m3	4		TO-15	Total/NA
Chloroform - DL	6.4		3.9	0.62	ug/m3	4		TO-15	Total/NA
Cyclohexane - DL	43		2.8	0.63	ug/m3	4		TO-15	Total/NA
Benzene - DL	6.6		2.6	0.86	ug/m3	4		TO-15	Total/NA
Trichloroethene - DL	8.2		0.80	0.75	ug/m3	4		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone) - DL	5.8	J	8.2	0.59	ug/m3	4		TO-15	Total/NA
Toluene - DL	35		3.0	1.7	ug/m3	4		TO-15	Total/NA
Tetrachloroethene - DL	20		5.4	0.90	ug/m3	4		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone) - DL	10		8.2	0.79	ug/m3	4		TO-15	Total/NA
Ethylbenzene - DL	10		3.5	1.1	ug/m3	4		TO-15	Total/NA
m,p-Xylene - DL	52		8.7	1.7	ug/m3	4		TO-15	Total/NA
o-Xylene - DL	18		3.5	0.83	ug/m3	4		TO-15	Total/NA
Xylene (total) - DL	70		12	0.83	ug/m3	4		TO-15	Total/NA
Isopropylbenzene (cumene) - DL	2.9	J	3.9	0.69	ug/m3	4		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: NN58-SV-021721-0855 (Continued)

Lab Sample ID: 200-57323-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.48	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.23	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	1.2		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.29		0.20	0.060	ppb v/v	1		TO-15	Total/NA
Acetone	98	E	5.0	1.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.21	J	0.50	0.074	ppb v/v	1		TO-15	Total/NA
1,1-Dichloroethane	0.24		0.20	0.041	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	13		0.50	0.072	ppb v/v	1		TO-15	Total/NA
Chloroform	1.3		0.20	0.032	ppb v/v	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.091	J	0.20	0.036	ppb v/v	1		TO-15	Total/NA
Cyclohexane	13		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.046		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	2.1		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	1.6		0.037	0.035	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.5		0.50	0.036	ppb v/v	1		TO-15	Total/NA
Toluene	9.6		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	3.1		0.20	0.033	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	3.1		0.50	0.048	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	2.5		0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	13		0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	4.5		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	18		0.70	0.048	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.63		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane - DL	0.64	J	2.0	0.44	ppb v/v	4		TO-15	Total/NA
Vinyl chloride - DL	1.3		0.31	0.18	ppb v/v	4		TO-15	Total/NA
Trichlorofluoromethane - DL	0.28	J	0.80	0.24	ppb v/v	4		TO-15	Total/NA
Acetone - DL	100		20	4.8	ppb v/v	4		TO-15	Total/NA
1,1-Dichloroethane - DL	0.20	J	0.80	0.16	ppb v/v	4		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	12		2.0	0.29	ppb v/v	4		TO-15	Total/NA
Chloroform - DL	1.3		0.80	0.13	ppb v/v	4		TO-15	Total/NA
Cyclohexane - DL	12		0.80	0.18	ppb v/v	4		TO-15	Total/NA
Benzene - DL	2.1		0.80	0.27	ppb v/v	4		TO-15	Total/NA
Trichloroethene - DL	1.5		0.15	0.14	ppb v/v	4		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone) - DL	1.4	J	2.0	0.14	ppb v/v	4		TO-15	Total/NA
Toluene - DL	9.3		0.80	0.44	ppb v/v	4		TO-15	Total/NA
Tetrachloroethene - DL	2.9		0.80	0.13	ppb v/v	4		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone) - DL	2.5		2.0	0.19	ppb v/v	4		TO-15	Total/NA
Ethylbenzene - DL	2.3		0.80	0.25	ppb v/v	4		TO-15	Total/NA
m,p-Xylene - DL	12		2.0	0.40	ppb v/v	4		TO-15	Total/NA
o-Xylene - DL	4.2		0.80	0.19	ppb v/v	4		TO-15	Total/NA
Xylene (total) - DL	16		2.8	0.19	ppb v/v	4		TO-15	Total/NA
Isopropylbenzene (cumene) - DL	0.58	J	0.80	0.14	ppb v/v	4		TO-15	Total/NA

Client Sample ID: NN58-IA-021721-0845

Lab Sample ID: 200-57323-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.4	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.5		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	4.0		0.20	0.11	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: NN58-IA-021721-0845 (Continued)

Lab Sample ID: 200-57323-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichlorofluoromethane	1.5		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.62	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	9.7	J	12	2.9	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.4	J	1.5	0.21	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.37		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.62	J	0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.51		0.20	0.19	ug/m3	1		TO-15	Total/NA
Toluene	0.90		0.75	0.41	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.46	J	2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	0.31	J	0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	0.77	J	3.0	0.21	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.20	J	0.98	0.17	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.49	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.75		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	1.6		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.27		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.081	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	4.1	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.49	J	0.50	0.072	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.058		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.19	J	0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.095		0.037	0.035	ppb v/v	1		TO-15	Total/NA
Toluene	0.24		0.20	0.11	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.11	J	0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.072	J	0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.18	J	0.70	0.048	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.042	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA

Client Sample ID: CC60-IA-021721-0908

Lab Sample ID: 200-57323-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.5		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.8		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	6.7		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.8		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.97	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	18		12	2.9	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.4	J	1.7	0.94	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	3.2		1.5	0.21	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.26		0.20	0.18	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.54	J	1.1	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.31	J	0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.44		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.60	J	0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.59		0.20	0.19	ug/m3	1		TO-15	Total/NA
Toluene	7.0		0.75	0.41	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.74	J	2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	0.28	J	0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	1.0	J	3.0	0.21	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.25	J	0.98	0.17	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: CC60-IA-021721-0908 (Continued) — Lab Sample ID: 200-57323-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.51		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.88		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	2.6		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.31		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.13	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	7.7		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.41	J	0.50	0.27	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.1		0.50	0.072	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.066		0.050	0.045	ppb v/v	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.098	J	0.20	0.036	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.090	J	0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.071		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.19	J	0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.11		0.037	0.035	ppb v/v	1		TO-15	Total/NA
Toluene	1.9		0.20	0.11	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.17	J	0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.063	J	0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.23	J	0.70	0.048	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.051	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA

Client Sample ID: AA2-021721-0950 — Lab Sample ID: 200-57323-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.5		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.4		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	2.0		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.58	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	7.7	J	12	2.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.30	J	1.6	0.23	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.6	J	1.7	0.94	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.78	J	1.5	0.21	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.43		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.66		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	1.0		0.20	0.19	ug/m3	1		TO-15	Total/NA
Toluene	2.1		0.75	0.41	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.50		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.68		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.80		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.26		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.075	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	3.2	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.095	J	0.50	0.074	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.46	J	0.50	0.27	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.27	J	0.50	0.072	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.068		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.21		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.19		0.037	0.035	ppb v/v	1		TO-15	Total/NA
Toluene	0.56		0.20	0.11	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: DD31-IA-021721-1015 — Lab Sample ID: 200-57323-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.6		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.5		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	1.1		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	2.2		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.63	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	12		12	2.9	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.4	J	1.7	0.94	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.1	J	1.5	0.21	ug/m3	1		TO-15	Total/NA
Chloroform	0.38	J	0.98	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.41		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.58	J	0.64	0.21	ug/m3	1		TO-15	Total/NA
Toluene	0.63	J	0.75	0.41	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.1	J	2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	3.7		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	4.8		3.0	0.21	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	7.0		0.98	0.17	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.54		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.71		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.44		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.40		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.082	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	5.2		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.40	J	0.50	0.27	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.38	J	0.50	0.072	ppb v/v	1		TO-15	Total/NA
Chloroform	0.078	J	0.20	0.032	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.065		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.18	J	0.20	0.067	ppb v/v	1		TO-15	Total/NA
Toluene	0.17	J	0.20	0.11	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.25	J	0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.84		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	1.1		0.70	0.048	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	1.4		0.20	0.035	ppb v/v	1		TO-15	Total/NA

Client Sample ID: KK35-IA-021721-1015 — Lab Sample ID: 200-57323-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.4	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.3		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	1.1		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	2.7		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.56	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	8.3	J	12	2.9	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.4	J	1.5	0.21	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.20		0.20	0.18	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.50	J	0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.43		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.66		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.27		0.20	0.19	ug/m3	1		TO-15	Total/NA
Toluene	1.1		0.75	0.41	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.63	J	1.4	0.22	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: KK35-IA-021721-1015 (Continued)

Lab Sample ID: 200-57323-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl Butyl Ketone (2-Hexanone)	32		2.0	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.45	J	0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	3.3		2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	17		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	20		3.0	0.21	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	34		0.98	0.17	ug/m3	1		TO-15	Total/NA
1,1,2,2-Tetrachloroethane	41		1.4	0.29	ug/m3	1		TO-15	Total/NA
Vinyl chloride - DL	0.86	J	1.2	0.69	ug/m3	6.14		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone) - DL	2.6	J	13	0.91	ug/m3	6.14		TO-15	Total/NA
o-Xylene - DL	17		5.3	1.3	ug/m3	6.14		TO-15	Total/NA
Xylene (total) - DL	17	J	19	1.3	ug/m3	6.14		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.48	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.65		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.43		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.48		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.074	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	3.5	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.46	J	0.50	0.072	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.051		0.050	0.045	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.15	J	0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.068		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.21		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.051		0.037	0.035	ppb v/v	1		TO-15	Total/NA
Toluene	0.28		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.092	J	0.20	0.033	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	7.9		0.50	0.048	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.10	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.76		0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	3.8		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	4.7		0.70	0.048	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	7.0		0.20	0.035	ppb v/v	1		TO-15	Total/NA
1,1,2,2-Tetrachloroethane	6.0		0.20	0.042	ppb v/v	1		TO-15	Total/NA
Vinyl chloride - DL	0.34	J	0.48	0.27	ppb v/v	6.14		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone) - DL	0.63	J	3.1	0.22	ppb v/v	6.14		TO-15	Total/NA
o-Xylene - DL	3.8		1.2	0.29	ppb v/v	6.14		TO-15	Total/NA
Xylene (total) - DL	3.9	J	4.3	0.29	ppb v/v	6.14		TO-15	Total/NA

Client Sample ID: W25-SV-021821-0840

Lab Sample ID: 200-57323-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	3.4		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	0.63	J	1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	1.2		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.63	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	14		12	2.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.50	J	1.6	0.23	ug/m3	1		TO-15	Total/NA
Methylene Chloride	4.1		1.7	0.94	ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.31	J	0.79	0.17	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: W25-SV-021821-0840 (Continued)

Lab Sample ID: 200-57323-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl Ethyl Ketone (2-Butanone)	0.91	J	1.5	0.21	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	6.6		0.20	0.18	ug/m3	1		TO-15	Total/NA
Chloroform	0.61	J	0.98	0.16	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	4.3		1.1	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.39		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.38	J	0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	230	E	0.20	0.19	ug/m3	1		TO-15	Total/NA
Toluene	0.72	J	0.75	0.41	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.91	J	1.4	0.22	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.37	J	2.0	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.4		0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	7.0		2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	1.4		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	8.4		3.0	0.21	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane - DL	2.9	J	4.9	1.1	ug/m3	2		TO-15	Total/NA
Vinyl chloride - DL	2.1		0.40	0.22	ug/m3	2		TO-15	Total/NA
Trichlorofluoromethane - DL	1.5	J	2.2	0.67	ug/m3	2		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane - DL	0.61	J	3.1	0.58	ug/m3	2		TO-15	Total/NA
Acetone - DL	6.4	J	24	5.7	ug/m3	2		TO-15	Total/NA
Carbon disulfide - DL	0.83	J	3.1	0.46	ug/m3	2		TO-15	Total/NA
trans-1,2-Dichloroethene - DL	0.46	J	1.6	0.33	ug/m3	2		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	1.1	J	2.9	0.42	ug/m3	2		TO-15	Total/NA
cis-1,2-Dichloroethene - DL	11		0.40	0.36	ug/m3	2		TO-15	Total/NA
Chloroform - DL	0.96	J	2.0	0.31	ug/m3	2		TO-15	Total/NA
1,1,1-Trichloroethane - DL	6.9		2.2	0.39	ug/m3	2		TO-15	Total/NA
Carbon tetrachloride - DL	0.35	J	0.44	0.30	ug/m3	2		TO-15	Total/NA
Trichloroethene - DL	380		0.40	0.38	ug/m3	2		TO-15	Total/NA
Toluene - DL	1.0	J *3	1.5	0.83	ug/m3	2		TO-15	Total/NA
Tetrachloroethene - DL	1.4	J *3	2.7	0.45	ug/m3	2		TO-15	Total/NA
Ethylbenzene - DL	2.1	*3	1.7	0.55	ug/m3	2		TO-15	Total/NA
m,p-Xylene - DL	11	*3	4.3	0.87	ug/m3	2		TO-15	Total/NA
o-Xylene - DL	2.2	*3	1.7	0.42	ug/m3	2		TO-15	Total/NA
Xylene (total) - DL	13	*3	6.1	0.42	ug/m3	2		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.68		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.31	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.46		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.25		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.082	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	5.8		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.16	J	0.50	0.074	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	1.2		0.50	0.27	ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.079	J	0.20	0.042	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.31	J	0.50	0.072	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	1.7		0.050	0.045	ppb v/v	1		TO-15	Total/NA
Chloroform	0.12	J	0.20	0.032	ppb v/v	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.79		0.20	0.036	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.062		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.12	J	0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	44	E	0.037	0.035	ppb v/v	1		TO-15	Total/NA
Toluene	0.19	J	0.20	0.11	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: W25-SV-021821-0840 (Continued)

Lab Sample ID: 200-57323-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.13	J	0.20	0.033	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.089	J	0.50	0.048	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.31		0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	1.6		0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.33		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	1.9		0.70	0.048	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane - DL	0.59	J	1.0	0.22	ppb v/v	2		TO-15	Total/NA
Vinyl chloride - DL	0.82		0.16	0.088	ppb v/v	2		TO-15	Total/NA
Trichlorofluoromethane - DL	0.27	J	0.40	0.12	ppb v/v	2		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane - DL	0.080	J	0.40	0.076	ppb v/v	2		TO-15	Total/NA
Acetone - DL	2.7	J	10	2.4	ppb v/v	2		TO-15	Total/NA
Carbon disulfide - DL	0.27	J	1.0	0.15	ppb v/v	2		TO-15	Total/NA
trans-1,2-Dichloroethene - DL	0.12	J	0.40	0.084	ppb v/v	2		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	0.36	J	1.0	0.14	ppb v/v	2		TO-15	Total/NA
cis-1,2-Dichloroethene - DL	2.8		0.10	0.090	ppb v/v	2		TO-15	Total/NA
Chloroform - DL	0.20	J	0.40	0.064	ppb v/v	2		TO-15	Total/NA
1,1,1-Trichloroethane - DL	1.3		0.40	0.072	ppb v/v	2		TO-15	Total/NA
Carbon tetrachloride - DL	0.056	J	0.070	0.048	ppb v/v	2		TO-15	Total/NA
Trichloroethene - DL	72		0.074	0.070	ppb v/v	2		TO-15	Total/NA
Toluene - DL	0.28	J *3	0.40	0.22	ppb v/v	2		TO-15	Total/NA
Tetrachloroethene - DL	0.21	J *3	0.40	0.066	ppb v/v	2		TO-15	Total/NA
Ethylbenzene - DL	0.49	*3	0.40	0.13	ppb v/v	2		TO-15	Total/NA
m,p-Xylene - DL	2.5	*3	1.0	0.20	ppb v/v	2		TO-15	Total/NA
o-Xylene - DL	0.51	*3	0.40	0.096	ppb v/v	2		TO-15	Total/NA
Xylene (total) - DL	3.0	*3	1.4	0.096	ppb v/v	2		TO-15	Total/NA

Client Sample ID: W25-IA-021821-0840

Lab Sample ID: 200-57323-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	3.0		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.6		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	0.66		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.7		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.71	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	13		12	2.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.82	J	1.6	0.23	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.2	J	1.7	0.94	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	2.0		1.5	0.21	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.18	J	0.20	0.18	ug/m3	1		TO-15	Total/NA
Chloroform	0.19	J	0.98	0.16	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.49	J	0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.48		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	1.2		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.52		0.20	0.19	ug/m3	1		TO-15	Total/NA
Toluene	3.0		0.75	0.41	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.4		0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	5.3		2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	1.6		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	6.9		3.0	0.21	ug/m3	1		TO-15	Total/NA
Styrene	0.25	J	0.85	0.17	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.24	J	0.98	0.17	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: W25-IA-021821-0840 (Continued)

Lab Sample ID: 200-57323-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2,2-Tetrachloroethane	0.51	J	1.4	0.29	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.60		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.76		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.26		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.30		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.092	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	5.5		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.26	J	0.50	0.074	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.36	J	0.50	0.27	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.68		0.50	0.072	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.045	J	0.050	0.045	ppb v/v	1		TO-15	Total/NA
Chloroform	0.040	J	0.20	0.032	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.14	J	0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.076		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.36		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.096		0.037	0.035	ppb v/v	1		TO-15	Total/NA
Toluene	0.81		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.31		0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	1.2		0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.37		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	1.6		0.70	0.048	ppb v/v	1		TO-15	Total/NA
Styrene	0.058	J	0.20	0.040	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.049	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA
1,1,2,2-Tetrachloroethane	0.074	J	0.20	0.042	ppb v/v	1		TO-15	Total/NA

Client Sample ID: G29-IA-021821-0925

Lab Sample ID: 200-57323-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.3		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	0.31		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.61	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	13		12	2.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.33	J	1.6	0.23	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	5.7		1.5	0.21	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.89		0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.39		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	2.6		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.48		0.20	0.19	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.73	J	2.0	0.15	ug/m3	1		TO-15	Total/NA
Toluene	1.5		0.75	0.41	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	1.1	J	2.0	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	2.4		0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	21		2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	2.6		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	24		3.0	0.21	ug/m3	1		TO-15	Total/NA
Styrene	0.20	J	0.85	0.17	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.50	J	0.98	0.17	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: G29-IA-021821-0925 (Continued)

Lab Sample ID: 200-57323-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2,2-Tetrachloroethane	0.31	J	1.4	0.29	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.44	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.62		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.12		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.25		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.080	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	5.5		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.11	J	0.50	0.074	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.9		0.50	0.072	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.26		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.062		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.81		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.089		0.037	0.035	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.18	J	0.50	0.036	ppb v/v	1		TO-15	Total/NA
Toluene	0.40		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.28	J	0.50	0.048	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.55		0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	4.8		0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.59		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	5.4		0.70	0.048	ppb v/v	1		TO-15	Total/NA
Styrene	0.047	J	0.20	0.040	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.10	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA
1,1,2,2-Tetrachloroethane	0.045	J	0.20	0.042	ppb v/v	1		TO-15	Total/NA

Client Sample ID: G29-SV-021821-0925

Lab Sample ID: 200-57323-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.9		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.2		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	3.2		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	2.0		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.96	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	29		12	2.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	11		1.6	0.23	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	4.4		1.5	0.21	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.80		0.20	0.18	ug/m3	1		TO-15	Total/NA
Chloroform	0.67	J	0.98	0.16	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.85		0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.56		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	1.5		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	5.9		0.20	0.19	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.80	J	2.0	0.15	ug/m3	1		TO-15	Total/NA
Toluene	3.3		0.75	0.41	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	1.4		1.4	0.22	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.79	J	2.0	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	2.7		0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	13		2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	3.0		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	16		3.0	0.21	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: G29-SV-021821-0925 (Continued)

Lab Sample ID: 200-57323-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Styrene	0.28	J	0.85	0.17	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.24	J	0.98	0.17	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.59		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.60		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	1.2		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.35		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.12	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	12		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	3.5		0.50	0.074	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.5		0.50	0.072	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.20		0.050	0.045	ppb v/v	1		TO-15	Total/NA
Chloroform	0.14	J	0.20	0.032	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.25		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.088		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.48		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	1.1		0.037	0.035	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.20	J	0.50	0.036	ppb v/v	1		TO-15	Total/NA
Toluene	0.88		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.21		0.20	0.033	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.19	J	0.50	0.048	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.63		0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	3.1		0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.70		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	3.7		0.70	0.048	ppb v/v	1		TO-15	Total/NA
Styrene	0.065	J	0.20	0.040	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.048	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA

Client Sample ID: E17-IA-021821-0950

Lab Sample ID: 200-57323-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.3	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.4		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	0.36		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.65	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	20		12	2.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.52	J	1.6	0.23	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	3.3		1.5	0.21	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.38		0.20	0.18	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.90		0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.43		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	1.1		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.93		0.20	0.19	ug/m3	1		TO-15	Total/NA
Toluene	1.4		0.75	0.41	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.43	J	2.0	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.32	J	0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.1	J	2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	0.36	J	0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	1.5	J	3.0	0.21	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: E17-IA-021821-0950 (Continued)

Lab Sample ID: 200-57323-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2,2-Tetrachloroethane	0.50	J	1.4	0.29	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.46	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.68		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.14		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.26		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.085	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	8.4		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.17	J	0.50	0.074	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.1		0.50	0.072	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.097		0.050	0.045	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.26		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.068		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.34		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.17		0.037	0.035	ppb v/v	1		TO-15	Total/NA
Toluene	0.36		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.10	J	0.50	0.048	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.073	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.25	J	0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.083	J	0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.34	J	0.70	0.048	ppb v/v	1		TO-15	Total/NA
1,1,2,2-Tetrachloroethane	0.073	J	0.20	0.042	ppb v/v	1		TO-15	Total/NA

Client Sample ID: E17-SV-021821-0950

Lab Sample ID: 200-57323-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	0.58	J	1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	4.4		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	6.2		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	2.9		1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	18		12	2.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	1.1	J	1.6	0.23	ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	2.4		0.79	0.17	ug/m3	1		TO-15	Total/NA
1,1-Dichloroethane	0.36	J	0.81	0.17	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	2.6		1.5	0.21	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	9.5		0.20	0.18	ug/m3	1		TO-15	Total/NA
Chloroform	29		0.98	0.16	ug/m3	1		TO-15	Total/NA
Cyclohexane	7.5		0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	1.3		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	19		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	170		0.20	0.19	ug/m3	1		TO-15	Total/NA
Toluene	24		0.75	0.41	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	77		1.4	0.22	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.31	J	2.0	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	2.5		0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	20		2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	4.7		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	25		3.0	0.21	ug/m3	1		TO-15	Total/NA
Styrene	0.56	J	0.85	0.17	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.54	J	0.98	0.17	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: E17-SV-021821-0950 (Continued)

Lab Sample ID: 200-57323-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.45	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.28	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	1.7		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.37		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	7.7		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.35	J	0.50	0.074	ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.62		0.20	0.042	ppb v/v	1		TO-15	Total/NA
1,1-Dichloroethane	0.089	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.88		0.50	0.072	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	2.4		0.050	0.045	ppb v/v	1		TO-15	Total/NA
Chloroform	6.0		0.20	0.032	ppb v/v	1		TO-15	Total/NA
Cyclohexane	2.2		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.21		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	6.1		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	31		0.037	0.035	ppb v/v	1		TO-15	Total/NA
Toluene	6.5		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	11		0.20	0.033	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.075	J	0.50	0.048	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.57		0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	4.6		0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	1.1		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	5.7		0.70	0.048	ppb v/v	1		TO-15	Total/NA
Styrene	0.13	J	0.20	0.040	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.11	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA

Client Sample ID: G3-IA-021821-1100

Lab Sample ID: 200-57323-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.3	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.4		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	0.35		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.62	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	12		12	2.9	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.5	J	1.7	0.94	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	2.5		1.5	0.21	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.19	J	0.20	0.18	ug/m3	1		TO-15	Total/NA
Chloroform	0.16	J	0.98	0.16	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.74		0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.42		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.94		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.47		0.20	0.19	ug/m3	1		TO-15	Total/NA
Toluene	1.3		0.75	0.41	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.29	J	2.0	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.48	J	0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.4	J	2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	0.46	J	0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	1.9	J	3.0	0.21	ug/m3	1		TO-15	Total/NA
Styrene	0.27	J	0.85	0.17	ug/m3	1		TO-15	Total/NA
1,1,2,2-Tetrachloroethane	0.44	J	1.4	0.29	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: G3-IA-021821-1100 (Continued)

Lab Sample ID: 200-57323-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.46	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.67		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.14		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.25		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.081	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	4.9		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.44	J	0.50	0.27	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.84		0.50	0.072	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.048	J	0.050	0.045	ppb v/v	1		TO-15	Total/NA
Chloroform	0.033	J	0.20	0.032	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.22		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.067		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.29		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.088		0.037	0.035	ppb v/v	1		TO-15	Total/NA
Toluene	0.34		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.072	J	0.50	0.048	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.11	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.31	J	0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.11	J	0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.43	J	0.70	0.048	ppb v/v	1		TO-15	Total/NA
Styrene	0.062	J	0.20	0.040	ppb v/v	1		TO-15	Total/NA
1,1,2,2-Tetrachloroethane	0.064	J	0.20	0.042	ppb v/v	1		TO-15	Total/NA

Client Sample ID: G3-SV-021821-1100

Lab Sample ID: 200-57323-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	3.2		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	0.96	J	1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	0.59		0.20	0.11	ug/m3	1		TO-15	Total/NA
Chloroethane	0.43	J	1.3	0.14	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.6		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.62	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	22		12	2.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	4.0		1.6	0.23	ug/m3	1		TO-15	Total/NA
Methylene Chloride	3.8		1.7	0.94	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	5.0		1.5	0.21	ug/m3	1		TO-15	Total/NA
Chloroform	6.7		0.98	0.16	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.50	J	1.1	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.37		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.39	J	0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.87		0.20	0.19	ug/m3	1		TO-15	Total/NA
Bromodichloromethane	1.3		1.3	0.23	ug/m3	1		TO-15	Total/NA
Toluene	2.1		0.75	0.41	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.65	J	1.4	0.22	ug/m3	1		TO-15	Total/NA
Ethylbenzene	5.9		0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	22		2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	5.2		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	27		3.0	0.21	ug/m3	1		TO-15	Total/NA
Styrene	0.34	J	0.85	0.17	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.64		0.50	0.11	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: G3-SV-021821-1100 (Continued)

Lab Sample ID: 200-57323-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.46	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.23		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Chloroethane	0.16	J	0.50	0.054	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.28		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.081	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	9.1		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	1.3		0.50	0.074	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	1.1		0.50	0.27	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.7		0.50	0.072	ppb v/v	1		TO-15	Total/NA
Chloroform	1.4		0.20	0.032	ppb v/v	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.092	J	0.20	0.036	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.059		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.12	J	0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.16		0.037	0.035	ppb v/v	1		TO-15	Total/NA
Bromodichloromethane	0.20		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Toluene	0.55		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.096	J	0.20	0.033	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	1.4		0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	5.1		0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	1.2		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	6.3		0.70	0.048	ppb v/v	1		TO-15	Total/NA
Styrene	0.080	J	0.20	0.040	ppb v/v	1		TO-15	Total/NA

Client Sample ID: J41-SV-021821-1112

Lab Sample ID: 200-57323-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.8		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	0.73	J	1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	1.4		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.6		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	1.6		1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	50		12	2.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.47	J	1.6	0.23	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	9.3		1.5	0.21	ug/m3	1		TO-15	Total/NA
Chloroform	0.52	J	0.98	0.16	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	1.9		1.1	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.78		0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.38		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.79		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	24		0.20	0.19	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.9	J	2.0	0.15	ug/m3	1		TO-15	Total/NA
Toluene	3.5		0.75	0.41	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	36		1.4	0.22	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	8.5		2.0	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	2.9		0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	14		2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	3.6		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	18		3.0	0.21	ug/m3	1		TO-15	Total/NA
Styrene	0.36	J	0.85	0.17	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.26	J	0.98	0.17	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: J41-SV-021821-1112 (Continued)

Lab Sample ID: 200-57323-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.58		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.35	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.55		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.28		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.20		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	21		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.15	J	0.50	0.074	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	3.2		0.50	0.072	ppb v/v	1		TO-15	Total/NA
Chloroform	0.11	J	0.20	0.032	ppb v/v	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.35		0.20	0.036	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.23		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.061		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.25		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	4.5		0.037	0.035	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.46	J	0.50	0.036	ppb v/v	1		TO-15	Total/NA
Toluene	0.92		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	5.3		0.20	0.033	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	2.1		0.50	0.048	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.66		0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	3.3		0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.83		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	4.1		0.70	0.048	ppb v/v	1		TO-15	Total/NA
Styrene	0.084	J	0.20	0.040	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.054	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA

Client Sample ID: J41-IA-021821-1112

Lab Sample ID: 200-57323-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.6		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.5		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	0.53		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.7		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.67	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	11	J	12	2.9	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.0	J	1.7	0.94	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.3	J	1.5	0.21	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.47		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.82		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.42		0.20	0.19	ug/m3	1		TO-15	Total/NA
Toluene	1.2		0.75	0.41	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.28	J	0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.89	J	2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	0.37	J	0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	1.3	J	3.0	0.21	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.54		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.73		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.21		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.30		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.088	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: J41-IA-021821-1112 (Continued)

Lab Sample ID: 200-57323-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.7	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.29	J	0.50	0.27	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.43	J	0.50	0.072	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.074		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.26		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.079		0.037	0.035	ppb v/v	1		TO-15	Total/NA
Toluene	0.31		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.064	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.20	J	0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.086	J	0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.29	J	0.70	0.048	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: VU9-SV-021621-0855
Date Collected: 02/16/21 16:55
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-1
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.3**	**J**	2.5	0.54	ug/m3			02/24/21 15:31	1
Chloromethane	**0.48**	**J**	1.0	0.23	ug/m3			02/24/21 15:31	1
Vinyl chloride	ND		0.20	0.11	ug/m3			02/24/21 15:31	1
Bromomethane	ND		0.78	0.20	ug/m3			02/24/21 15:31	1
Chloroethane	ND		1.3	0.14	ug/m3			02/24/21 15:31	1
Trichlorofluoromethane	**1.4**		1.1	0.34	ug/m3			02/24/21 15:31	1
1,1,2-Trichlorotrifluoroethane	**5.4**		1.5	0.29	ug/m3			02/24/21 15:31	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/24/21 15:31	1
Acetone	**1000**	**E**	12	2.9	ug/m3			02/24/21 15:31	1
Carbon disulfide	**7.7**		1.6	0.23	ug/m3			02/24/21 15:31	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/24/21 15:31	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/24/21 15:31	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/24/21 15:31	1
1,1-Dichloroethane	**0.47**	**J**	0.81	0.17	ug/m3			02/24/21 15:31	1
Methyl Ethyl Ketone (2-Butanone)	**13**		1.5	0.21	ug/m3			02/24/21 15:31	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/24/21 15:31	1
Chloroform	**0.47**	**J**	0.98	0.16	ug/m3			02/24/21 15:31	1
1,1,1-Trichloroethane	**8.7**		1.1	0.20	ug/m3			02/24/21 15:31	1
Cyclohexane	**89**		0.69	0.16	ug/m3			02/24/21 15:31	1
Carbon tetrachloride	**0.17**	**J**	0.22	0.15	ug/m3			02/24/21 15:31	1
Benzene	**33**		0.64	0.21	ug/m3			02/24/21 15:31	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/24/21 15:31	1
Trichloroethene	**9.0**		0.20	0.19	ug/m3			02/24/21 15:31	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/24/21 15:31	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/24/21 15:31	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/24/21 15:31	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.67**	**J**	2.0	0.15	ug/m3			02/24/21 15:31	1
Toluene	**79**		0.75	0.41	ug/m3			02/24/21 15:31	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/24/21 15:31	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 15:31	1
Tetrachloroethene	**4.9**		1.4	0.22	ug/m3			02/24/21 15:31	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/24/21 15:31	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/24/21 15:31	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/24/21 15:31	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/24/21 15:31	1
Ethylbenzene	**23**		0.87	0.27	ug/m3			02/24/21 15:31	1
m,p-Xylene	**130**		2.2	0.43	ug/m3			02/24/21 15:31	1
o-Xylene	**30**		0.87	0.21	ug/m3			02/24/21 15:31	1
Xylene (total)	**160**		3.0	0.21	ug/m3			02/24/21 15:31	1
Styrene	ND		0.85	0.17	ug/m3			02/24/21 15:31	1
Bromoform	ND		2.1	0.50	ug/m3			02/24/21 15:31	1
Isopropylbenzene (cumene)	**2.4**		0.98	0.17	ug/m3			02/24/21 15:31	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/24/21 15:31	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/24/21 15:31	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/24/21 15:31	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/24/21 15:31	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/24/21 15:31	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: VU9-SV-021621-0855
Date Collected: 02/16/21 16:55
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-1
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.46**	**J**	0.50	0.11	ppb v/v			02/24/21 15:31	1
Chloromethane	**0.23**	**J**	0.50	0.11	ppb v/v			02/24/21 15:31	1
Vinyl chloride	ND		0.078	0.044	ppb v/v			02/24/21 15:31	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/24/21 15:31	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/24/21 15:31	1
Trichlorofluoromethane	**0.24**		0.20	0.060	ppb v/v			02/24/21 15:31	1
1,1,2-Trichlorotrifluoroethane	**0.70**		0.20	0.038	ppb v/v			02/24/21 15:31	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/24/21 15:31	1
Acetone	**420**	**E**	5.0	1.2	ppb v/v			02/24/21 15:31	1
Carbon disulfide	**2.5**		0.50	0.074	ppb v/v			02/24/21 15:31	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/24/21 15:31	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/24/21 15:31	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/24/21 15:31	1
1,1-Dichloroethane	**0.12**	**J**	0.20	0.041	ppb v/v			02/24/21 15:31	1
Methyl Ethyl Ketone (2-Butanone)	**4.5**		0.50	0.072	ppb v/v			02/24/21 15:31	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/24/21 15:31	1
Chloroform	**0.095**	**J**	0.20	0.032	ppb v/v			02/24/21 15:31	1
1,1,1-Trichloroethane	**1.6**		0.20	0.036	ppb v/v			02/24/21 15:31	1
Cyclohexane	**26**		0.20	0.046	ppb v/v			02/24/21 15:31	1
Carbon tetrachloride	**0.026**	**J**	0.035	0.024	ppb v/v			02/24/21 15:31	1
Benzene	**10**		0.20	0.067	ppb v/v			02/24/21 15:31	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/24/21 15:31	1
Trichloroethene	**1.7**		0.037	0.035	ppb v/v			02/24/21 15:31	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/24/21 15:31	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/24/21 15:31	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/24/21 15:31	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.16**	**J**	0.50	0.036	ppb v/v			02/24/21 15:31	1
Toluene	**21**		0.20	0.11	ppb v/v			02/24/21 15:31	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/24/21 15:31	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 15:31	1
Tetrachloroethene	**0.72**		0.20	0.033	ppb v/v			02/24/21 15:31	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/24/21 15:31	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/24/21 15:31	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/24/21 15:31	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/24/21 15:31	1
Ethylbenzene	**5.4**		0.20	0.063	ppb v/v			02/24/21 15:31	1
m,p-Xylene	**29**		0.50	0.10	ppb v/v			02/24/21 15:31	1
o-Xylene	**6.9**		0.20	0.048	ppb v/v			02/24/21 15:31	1
Xylene (total)	**37**		0.70	0.048	ppb v/v			02/24/21 15:31	1
Styrene	ND		0.20	0.040	ppb v/v			02/24/21 15:31	1
Bromoform	ND		0.20	0.048	ppb v/v			02/24/21 15:31	1
Isopropylbenzene (cumene)	**0.49**		0.20	0.035	ppb v/v			02/24/21 15:31	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/24/21 15:31	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/24/21 15:31	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/24/21 15:31	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/24/21 15:31	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/24/21 15:31	1

Client Sample ID: VU9-SV-021621-0855

Lab Sample ID: 200-57323-1

Date Collected: 02/16/21 16:55
Matrix: Air
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		37	8.2	ug/m3			02/26/21 01:17	15
Chloromethane	ND	*+	15	3.4	ug/m3			02/26/21 01:17	15
Vinyl chloride	ND		3.0	1.7	ug/m3			02/26/21 01:17	15
Bromomethane	ND		12	3.0	ug/m3			02/26/21 01:17	15
Chloroethane	ND		20	2.1	ug/m3			02/26/21 01:17	15
Trichlorofluoromethane	ND		17	5.1	ug/m3			02/26/21 01:17	15
1,1,2-Trichlorotrifluoroethane	ND		23	4.4	ug/m3			02/26/21 01:17	15
1,1-Dichloroethene	ND		3.0	2.3	ug/m3			02/26/21 01:17	15
Acetone	**710**		180	43	ug/m3			02/26/21 01:17	15
Carbon disulfide	**9.8**	**J**	23	3.5	ug/m3			02/26/21 01:17	15
Methylene Chloride	ND		26	14	ug/m3			02/26/21 01:17	15
Methyl tert-butyl ether	ND		11	1.8	ug/m3			02/26/21 01:17	15
trans-1,2-Dichloroethene	ND		12	2.5	ug/m3			02/26/21 01:17	15
1,1-Dichloroethane	ND		12	2.5	ug/m3			02/26/21 01:17	15
Methyl Ethyl Ketone (2-Butanone)	**17**	**J**	22	3.2	ug/m3			02/26/21 01:17	15
cis-1,2-Dichloroethene	ND		3.0	2.7	ug/m3			02/26/21 01:17	15
Chloroform	ND		15	2.3	ug/m3			02/26/21 01:17	15
1,1,1-Trichloroethane	ND		16	2.9	ug/m3			02/26/21 01:17	15
Cyclohexane	**71**		10	2.4	ug/m3			02/26/21 01:17	15
Carbon tetrachloride	ND		3.3	2.3	ug/m3			02/26/21 01:17	15
Benzene	**22**		9.6	3.2	ug/m3			02/26/21 01:17	15
1,2-Dichloroethane	ND		12	1.9	ug/m3			02/26/21 01:17	15
Trichloroethene	**4.5**		3.0	2.8	ug/m3			02/26/21 01:17	15
1,2-Dichloropropane	ND		14	2.3	ug/m3			02/26/21 01:17	15
Bromodichloromethane	ND		20	3.5	ug/m3			02/26/21 01:17	15
cis-1,3-Dichloropropene	ND		14	2.2	ug/m3			02/26/21 01:17	15
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		31	2.2	ug/m3			02/26/21 01:17	15
Toluene	**62**		11	6.2	ug/m3			02/26/21 01:17	15
trans-1,3-Dichloropropene	ND		14	2.7	ug/m3			02/26/21 01:17	15
1,1,2-Trichloroethane	ND		16	2.9	ug/m3			02/26/21 01:17	15
Tetrachloroethene	ND		20	3.4	ug/m3			02/26/21 01:17	15
Methyl Butyl Ketone (2-Hexanone)	ND		31	3.0	ug/m3			02/26/21 01:17	15
Dibromochloromethane	ND		26	4.6	ug/m3			02/26/21 01:17	15
1,2-Dibromoethane	ND		23	5.6	ug/m3			02/26/21 01:17	15
Chlorobenzene	ND		14	3.9	ug/m3			02/26/21 01:17	15
Ethylbenzene	**23**	**B**	13	4.1	ug/m3			02/26/21 01:17	15
m,p-Xylene	**94**		33	6.5	ug/m3			02/26/21 01:17	15
o-Xylene	**25**		13	3.1	ug/m3			02/26/21 01:17	15
Xylene (total)	**120**		46	3.1	ug/m3			02/26/21 01:17	15
Styrene	ND		13	2.6	ug/m3			02/26/21 01:17	15
Bromoform	ND		31	7.4	ug/m3			02/26/21 01:17	15
Isopropylbenzene (cumene)	ND		15	2.6	ug/m3			02/26/21 01:17	15
1,1,2,2-Tetrachloroethane	ND		21	4.3	ug/m3			02/26/21 01:17	15
1,3-Dichlorobenzene	ND		18	9.9	ug/m3			02/26/21 01:17	15
1,4-Dichlorobenzene	ND		18	11	ug/m3			02/26/21 01:17	15
1,2-Dichlorobenzene	ND		18	8.7	ug/m3			02/26/21 01:17	15
1,2,4-Trichlorobenzene	ND		56	24	ug/m3			02/26/21 01:17	15

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: VU9-SV-021621-0855

Date Collected: 02/16/21 16:55
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-1

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		7.5	1.7	ppb v/v			02/26/21 01:17	15
Chloromethane	ND	*+	7.5	1.7	ppb v/v			02/26/21 01:17	15
Vinyl chloride	ND		1.2	0.66	ppb v/v			02/26/21 01:17	15
Bromomethane	ND		3.0	0.77	ppb v/v			02/26/21 01:17	15
Chloroethane	ND		7.5	0.81	ppb v/v			02/26/21 01:17	15
Trichlorofluoromethane	ND		3.0	0.90	ppb v/v			02/26/21 01:17	15
1,1,2-Trichlorotrifluoroethane	ND		3.0	0.57	ppb v/v			02/26/21 01:17	15
1,1-Dichloroethene	ND		0.76	0.59	ppb v/v			02/26/21 01:17	15
Acetone	**300**		75	18	ppb v/v			02/26/21 01:17	15
Carbon disulfide	**3.2**	**J**	7.5	1.1	ppb v/v			02/26/21 01:17	15
Methylene Chloride	ND		7.5	4.1	ppb v/v			02/26/21 01:17	15
Methyl tert-butyl ether	ND		3.0	0.50	ppb v/v			02/26/21 01:17	15
trans-1,2-Dichloroethene	ND		3.0	0.63	ppb v/v			02/26/21 01:17	15
1,1-Dichloroethane	ND		3.0	0.62	ppb v/v			02/26/21 01:17	15
Methyl Ethyl Ketone (2-Butanone)	**5.6**	**J**	7.5	1.1	ppb v/v			02/26/21 01:17	15
cis-1,2-Dichloroethene	ND		0.76	0.68	ppb v/v			02/26/21 01:17	15
Chloroform	ND		3.0	0.48	ppb v/v			02/26/21 01:17	15
1,1,1-Trichloroethane	ND		3.0	0.54	ppb v/v			02/26/21 01:17	15
Cyclohexane	**21**		3.0	0.69	ppb v/v			02/26/21 01:17	15
Carbon tetrachloride	ND		0.52	0.36	ppb v/v			02/26/21 01:17	15
Benzene	**7.0**		3.0	1.0	ppb v/v			02/26/21 01:17	15
1,2-Dichloroethane	ND		3.0	0.48	ppb v/v			02/26/21 01:17	15
Trichloroethene	**0.84**		0.56	0.53	ppb v/v			02/26/21 01:17	15
1,2-Dichloropropane	ND		3.0	0.50	ppb v/v			02/26/21 01:17	15
Bromodichloromethane	ND		3.0	0.53	ppb v/v			02/26/21 01:17	15
cis-1,3-Dichloropropene	ND		3.0	0.48	ppb v/v			02/26/21 01:17	15
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		7.5	0.54	ppb v/v			02/26/21 01:17	15
Toluene	**16**		3.0	1.7	ppb v/v			02/26/21 01:17	15
trans-1,3-Dichloropropene	ND		3.0	0.59	ppb v/v			02/26/21 01:17	15
1,1,2-Trichloroethane	ND		3.0	0.54	ppb v/v			02/26/21 01:17	15
Tetrachloroethene	ND		3.0	0.50	ppb v/v			02/26/21 01:17	15
Methyl Butyl Ketone (2-Hexanone)	ND		7.5	0.72	ppb v/v			02/26/21 01:17	15
Dibromochloromethane	ND		3.0	0.54	ppb v/v			02/26/21 01:17	15
1,2-Dibromoethane	ND		3.0	0.74	ppb v/v			02/26/21 01:17	15
Chlorobenzene	ND		3.0	0.84	ppb v/v			02/26/21 01:17	15
Ethylbenzene	**5.3**	**B**	3.0	0.95	ppb v/v			02/26/21 01:17	15
m,p-Xylene	**22**		7.5	1.5	ppb v/v			02/26/21 01:17	15
o-Xylene	**5.8**		3.0	0.72	ppb v/v			02/26/21 01:17	15
Xylene (total)	**27**		11	0.72	ppb v/v			02/26/21 01:17	15
Styrene	ND		3.0	0.60	ppb v/v			02/26/21 01:17	15
Bromoform	ND		3.0	0.72	ppb v/v			02/26/21 01:17	15
Isopropylbenzene (cumene)	ND		3.0	0.53	ppb v/v			02/26/21 01:17	15
1,1,2,2-Tetrachloroethane	ND		3.0	0.63	ppb v/v			02/26/21 01:17	15
1,3-Dichlorobenzene	ND		3.0	1.7	ppb v/v			02/26/21 01:17	15
1,4-Dichlorobenzene	ND		3.0	1.8	ppb v/v			02/26/21 01:17	15
1,2-Dichlorobenzene	ND		3.0	1.5	ppb v/v			02/26/21 01:17	15
1,2,4-Trichlorobenzene	ND		7.5	3.3	ppb v/v			02/26/21 01:17	15

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: VU9-IA-021621-0855
Date Collected: 02/16/21 15:55
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-2
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**3.1**		2.5	0.54	ug/m3			02/24/21 11:59	1
Chloromethane	**1.5**		1.0	0.23	ug/m3			02/24/21 11:59	1
Vinyl chloride	**1.7**		0.20	0.11	ug/m3			02/24/21 11:59	1
Bromomethane	ND		0.78	0.20	ug/m3			02/24/21 11:59	1
Chloroethane	ND		1.3	0.14	ug/m3			02/24/21 11:59	1
Trichlorofluoromethane	**1.9**		1.1	0.34	ug/m3			02/24/21 11:59	1
1,1,2-Trichlorotrifluoroethane	**0.62**	**J**	1.5	0.29	ug/m3			02/24/21 11:59	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/24/21 11:59	1
Acetone	**70**		12	2.9	ug/m3			02/24/21 11:59	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/24/21 11:59	1
Methylene Chloride	**2.2**		1.7	0.94	ug/m3			02/24/21 11:59	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/24/21 11:59	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/24/21 11:59	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/24/21 11:59	1
Methyl Ethyl Ketone (2-Butanone)	**3.5**		1.5	0.21	ug/m3			02/24/21 11:59	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/24/21 11:59	1
Chloroform	ND		0.98	0.16	ug/m3			02/24/21 11:59	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 11:59	1
Cyclohexane	**0.24**	**J**	0.69	0.16	ug/m3			02/24/21 11:59	1
Carbon tetrachloride	**0.47**		0.22	0.15	ug/m3			02/24/21 11:59	1
Benzene	**1.2**		0.64	0.21	ug/m3			02/24/21 11:59	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/24/21 11:59	1
Trichloroethene	**0.27**		0.20	0.19	ug/m3			02/24/21 11:59	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/24/21 11:59	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/24/21 11:59	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/24/21 11:59	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.45**	**J**	2.0	0.15	ug/m3			02/24/21 11:59	1
Toluene	**2.5**		0.75	0.41	ug/m3			02/24/21 11:59	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/24/21 11:59	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 11:59	1
Tetrachloroethene	**21**		1.4	0.22	ug/m3			02/24/21 11:59	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/24/21 11:59	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/24/21 11:59	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/24/21 11:59	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/24/21 11:59	1
Ethylbenzene	**0.34**	**J**	0.87	0.27	ug/m3			02/24/21 11:59	1
m,p-Xylene	**1.2**	**J**	2.2	0.43	ug/m3			02/24/21 11:59	1
o-Xylene	**1.2**		0.87	0.21	ug/m3			02/24/21 11:59	1
Xylene (total)	**2.4**	**J**	3.0	0.21	ug/m3			02/24/21 11:59	1
Styrene	ND		0.85	0.17	ug/m3			02/24/21 11:59	1
Bromoform	ND		2.1	0.50	ug/m3			02/24/21 11:59	1
Isopropylbenzene (cumene)	**2.2**		0.98	0.17	ug/m3			02/24/21 11:59	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/24/21 11:59	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/24/21 11:59	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/24/21 11:59	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/24/21 11:59	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/24/21 11:59	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: VU9-IA-021621-0855

Date Collected: 02/16/21 15:55
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-2

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.63**		0.50	0.11	ppb v/v			02/24/21 11:59	1
Chloromethane	**0.73**		0.50	0.11	ppb v/v			02/24/21 11:59	1
Vinyl chloride	**0.65**		0.078	0.044	ppb v/v			02/24/21 11:59	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/24/21 11:59	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/24/21 11:59	1
Trichlorofluoromethane	**0.34**		0.20	0.060	ppb v/v			02/24/21 11:59	1
1,1,2-Trichlorotrifluoroethane	**0.081**	**J**	0.20	0.038	ppb v/v			02/24/21 11:59	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/24/21 11:59	1
Acetone	**29**		5.0	1.2	ppb v/v			02/24/21 11:59	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/24/21 11:59	1
Methylene Chloride	**0.62**		0.50	0.27	ppb v/v			02/24/21 11:59	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/24/21 11:59	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/24/21 11:59	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/24/21 11:59	1
Methyl Ethyl Ketone (2-Butanone)	**1.2**		0.50	0.072	ppb v/v			02/24/21 11:59	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/24/21 11:59	1
Chloroform	ND		0.20	0.032	ppb v/v			02/24/21 11:59	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 11:59	1
Cyclohexane	**0.069**	**J**	0.20	0.046	ppb v/v			02/24/21 11:59	1
Carbon tetrachloride	**0.075**		0.035	0.024	ppb v/v			02/24/21 11:59	1
Benzene	**0.38**		0.20	0.067	ppb v/v			02/24/21 11:59	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/24/21 11:59	1
Trichloroethene	**0.051**		0.037	0.035	ppb v/v			02/24/21 11:59	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/24/21 11:59	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/24/21 11:59	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/24/21 11:59	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.11**	**J**	0.50	0.036	ppb v/v			02/24/21 11:59	1
Toluene	**0.67**		0.20	0.11	ppb v/v			02/24/21 11:59	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/24/21 11:59	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 11:59	1
Tetrachloroethene	**3.1**		0.20	0.033	ppb v/v			02/24/21 11:59	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/24/21 11:59	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/24/21 11:59	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/24/21 11:59	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/24/21 11:59	1
Ethylbenzene	**0.078**	**J**	0.20	0.063	ppb v/v			02/24/21 11:59	1
m,p-Xylene	**0.28**	**J**	0.50	0.10	ppb v/v			02/24/21 11:59	1
o-Xylene	**0.28**		0.20	0.048	ppb v/v			02/24/21 11:59	1
Xylene (total)	**0.55**	**J**	0.70	0.048	ppb v/v			02/24/21 11:59	1
Styrene	ND		0.20	0.040	ppb v/v			02/24/21 11:59	1
Bromoform	ND		0.20	0.048	ppb v/v			02/24/21 11:59	1
Isopropylbenzene (cumene)	**0.45**		0.20	0.035	ppb v/v			02/24/21 11:59	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/24/21 11:59	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/24/21 11:59	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/24/21 11:59	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/24/21 11:59	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/24/21 11:59	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: AA01-021621-1100

Lab Sample ID: 200-57323-3

Date Collected: 02/16/21 18:00
Matrix: Air
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.6**		2.5	0.54	ug/m3			02/24/21 12:52	1
Chloromethane	**1.4**		1.0	0.23	ug/m3			02/24/21 12:52	1
Vinyl chloride	**4.0**		0.20	0.11	ug/m3			02/24/21 12:52	1
Bromomethane	ND		0.78	0.20	ug/m3			02/24/21 12:52	1
Chloroethane	ND		1.3	0.14	ug/m3			02/24/21 12:52	1
Trichlorofluoromethane	**1.7**		1.1	0.34	ug/m3			02/24/21 12:52	1
1,1,2-Trichlorotrifluoroethane	**0.60**	**J**	1.5	0.29	ug/m3			02/24/21 12:52	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/24/21 12:52	1
Acetone	**9.4**	**J**	12	2.9	ug/m3			02/24/21 12:52	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/24/21 12:52	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/24/21 12:52	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/24/21 12:52	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/24/21 12:52	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/24/21 12:52	1
Methyl Ethyl Ketone (2-Butanone)	**1.0**	**J**	1.5	0.21	ug/m3			02/24/21 12:52	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/24/21 12:52	1
Chloroform	ND		0.98	0.16	ug/m3			02/24/21 12:52	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 12:52	1
Cyclohexane	ND		0.69	0.16	ug/m3			02/24/21 12:52	1
Carbon tetrachloride	**0.50**		0.22	0.15	ug/m3			02/24/21 12:52	1
Benzene	**0.61**	**J**	0.64	0.21	ug/m3			02/24/21 12:52	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/24/21 12:52	1
Trichloroethene	ND		0.20	0.19	ug/m3			02/24/21 12:52	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/24/21 12:52	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/24/21 12:52	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/24/21 12:52	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/24/21 12:52	1
Toluene	**2.2**		0.75	0.41	ug/m3			02/24/21 12:52	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/24/21 12:52	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 12:52	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/24/21 12:52	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/24/21 12:52	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/24/21 12:52	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/24/21 12:52	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/24/21 12:52	1
Ethylbenzene	ND		0.87	0.27	ug/m3			02/24/21 12:52	1
m,p-Xylene	ND		2.2	0.43	ug/m3			02/24/21 12:52	1
o-Xylene	ND		0.87	0.21	ug/m3			02/24/21 12:52	1
Xylene (total)	ND		3.0	0.21	ug/m3			02/24/21 12:52	1
Styrene	ND		0.85	0.17	ug/m3			02/24/21 12:52	1
Bromoform	ND		2.1	0.50	ug/m3			02/24/21 12:52	1
Isopropylbenzene (cumene)	ND		0.98	0.17	ug/m3			02/24/21 12:52	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/24/21 12:52	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/24/21 12:52	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/24/21 12:52	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/24/21 12:52	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/24/21 12:52	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: AA01-021621-1100
Date Collected: 02/16/21 18:00
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-3
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.52**		0.50	0.11	ppb v/v			02/24/21 12:52	1
Chloromethane	**0.67**		0.50	0.11	ppb v/v			02/24/21 12:52	1
Vinyl chloride	**1.5**		0.078	0.044	ppb v/v			02/24/21 12:52	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/24/21 12:52	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/24/21 12:52	1
Trichlorofluoromethane	**0.30**		0.20	0.060	ppb v/v			02/24/21 12:52	1
1,1,2-Trichlorotrifluoroethane	**0.078**	**J**	0.20	0.038	ppb v/v			02/24/21 12:52	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/24/21 12:52	1
Acetone	**4.0**	**J**	5.0	1.2	ppb v/v			02/24/21 12:52	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/24/21 12:52	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/24/21 12:52	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/24/21 12:52	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/24/21 12:52	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/24/21 12:52	1
Methyl Ethyl Ketone (2-Butanone)	**0.35**	**J**	0.50	0.072	ppb v/v			02/24/21 12:52	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/24/21 12:52	1
Chloroform	ND		0.20	0.032	ppb v/v			02/24/21 12:52	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 12:52	1
Cyclohexane	ND		0.20	0.046	ppb v/v			02/24/21 12:52	1
Carbon tetrachloride	**0.079**		0.035	0.024	ppb v/v			02/24/21 12:52	1
Benzene	**0.19**	**J**	0.20	0.067	ppb v/v			02/24/21 12:52	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/24/21 12:52	1
Trichloroethene	ND		0.037	0.035	ppb v/v			02/24/21 12:52	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/24/21 12:52	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/24/21 12:52	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/24/21 12:52	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/24/21 12:52	1
Toluene	**0.59**		0.20	0.11	ppb v/v			02/24/21 12:52	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/24/21 12:52	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 12:52	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/24/21 12:52	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/24/21 12:52	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/24/21 12:52	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/24/21 12:52	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/24/21 12:52	1
Ethylbenzene	ND		0.20	0.063	ppb v/v			02/24/21 12:52	1
m,p-Xylene	ND		0.50	0.10	ppb v/v			02/24/21 12:52	1
o-Xylene	ND		0.20	0.048	ppb v/v			02/24/21 12:52	1
Xylene (total)	ND		0.70	0.048	ppb v/v			02/24/21 12:52	1
Styrene	ND		0.20	0.040	ppb v/v			02/24/21 12:52	1
Bromoform	ND		0.20	0.048	ppb v/v			02/24/21 12:52	1
Isopropylbenzene (cumene)	ND		0.20	0.035	ppb v/v			02/24/21 12:52	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/24/21 12:52	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/24/21 12:52	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/24/21 12:52	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/24/21 12:52	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/24/21 12:52	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: SS13-SV-021621-0945

Lab Sample ID: 200-57323-4

Date Collected: 02/16/21 16:07
Matrix: Air
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.7**		2.5	0.54	ug/m3			02/24/21 17:16	1
Chloromethane	**0.86**	**J**	1.0	0.23	ug/m3			02/24/21 17:16	1
Vinyl chloride	ND		0.20	0.11	ug/m3			02/24/21 17:16	1
Bromomethane	ND		0.78	0.20	ug/m3			02/24/21 17:16	1
Chloroethane	ND		1.3	0.14	ug/m3			02/24/21 17:16	1
Trichlorofluoromethane	**1.8**		1.1	0.34	ug/m3			02/24/21 17:16	1
1,1,2-Trichlorotrifluoroethane	**1.2**	**J**	1.5	0.29	ug/m3			02/24/21 17:16	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/24/21 17:16	1
Acetone	**520**	**E**	12	2.9	ug/m3			02/24/21 17:16	1
Carbon disulfide	**2.9**		1.6	0.23	ug/m3			02/24/21 17:16	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/24/21 17:16	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/24/21 17:16	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/24/21 17:16	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/24/21 17:16	1
Methyl Ethyl Ketone (2-Butanone)	**9.9**		1.5	0.21	ug/m3			02/24/21 17:16	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/24/21 17:16	1
Chloroform	**4.9**		0.98	0.16	ug/m3			02/24/21 17:16	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 17:16	1
Cyclohexane	**19**		0.69	0.16	ug/m3			02/24/21 17:16	1
Carbon tetrachloride	**0.23**		0.22	0.15	ug/m3			02/24/21 17:16	1
Benzene	**16**		0.64	0.21	ug/m3			02/24/21 17:16	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/24/21 17:16	1
Trichloroethene	**32**		0.20	0.19	ug/m3			02/24/21 17:16	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/24/21 17:16	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/24/21 17:16	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/24/21 17:16	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.98**	**J**	2.0	0.15	ug/m3			02/24/21 17:16	1
Toluene	**35**		0.75	0.41	ug/m3			02/24/21 17:16	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/24/21 17:16	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 17:16	1
Tetrachloroethene	**43**		1.4	0.22	ug/m3			02/24/21 17:16	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/24/21 17:16	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/24/21 17:16	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/24/21 17:16	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/24/21 17:16	1
Ethylbenzene	**14**		0.87	0.27	ug/m3			02/24/21 17:16	1
m,p-Xylene	**60**		2.2	0.43	ug/m3			02/24/21 17:16	1
o-Xylene	**23**		0.87	0.21	ug/m3			02/24/21 17:16	1
Xylene (total)	**83**		3.0	0.21	ug/m3			02/24/21 17:16	1
Styrene	**1.8**		0.85	0.17	ug/m3			02/24/21 17:16	1
Bromoform	ND		2.1	0.50	ug/m3			02/24/21 17:16	1
Isopropylbenzene (cumene)	**14**		0.98	0.17	ug/m3			02/24/21 17:16	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/24/21 17:16	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/24/21 17:16	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/24/21 17:16	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/24/21 17:16	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/24/21 17:16	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: SS13-SV-021621-0945
Date Collected: 02/16/21 16:07
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-4
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.55**		0.50	0.11	ppb v/v			02/24/21 17:16	1
Chloromethane	**0.42**	**J**	0.50	0.11	ppb v/v			02/24/21 17:16	1
Vinyl chloride	ND		0.078	0.044	ppb v/v			02/24/21 17:16	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/24/21 17:16	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/24/21 17:16	1
Trichlorofluoromethane	**0.32**		0.20	0.060	ppb v/v			02/24/21 17:16	1
1,1,2-Trichlorotrifluoroethane	**0.16**	**J**	0.20	0.038	ppb v/v			02/24/21 17:16	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/24/21 17:16	1
Acetone	**220**	**E**	5.0	1.2	ppb v/v			02/24/21 17:16	1
Carbon disulfide	**0.94**		0.50	0.074	ppb v/v			02/24/21 17:16	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/24/21 17:16	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/24/21 17:16	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/24/21 17:16	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/24/21 17:16	1
Methyl Ethyl Ketone (2-Butanone)	**3.4**		0.50	0.072	ppb v/v			02/24/21 17:16	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/24/21 17:16	1
Chloroform	**1.0**		0.20	0.032	ppb v/v			02/24/21 17:16	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 17:16	1
Cyclohexane	**5.5**		0.20	0.046	ppb v/v			02/24/21 17:16	1
Carbon tetrachloride	**0.036**		0.035	0.024	ppb v/v			02/24/21 17:16	1
Benzene	**5.1**		0.20	0.067	ppb v/v			02/24/21 17:16	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/24/21 17:16	1
Trichloroethene	**5.9**		0.037	0.035	ppb v/v			02/24/21 17:16	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/24/21 17:16	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/24/21 17:16	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/24/21 17:16	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.24**	**J**	0.50	0.036	ppb v/v			02/24/21 17:16	1
Toluene	**9.4**		0.20	0.11	ppb v/v			02/24/21 17:16	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/24/21 17:16	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 17:16	1
Tetrachloroethene	**6.4**		0.20	0.033	ppb v/v			02/24/21 17:16	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/24/21 17:16	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/24/21 17:16	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/24/21 17:16	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/24/21 17:16	1
Ethylbenzene	**3.1**		0.20	0.063	ppb v/v			02/24/21 17:16	1
m,p-Xylene	**14**		0.50	0.10	ppb v/v			02/24/21 17:16	1
o-Xylene	**5.2**		0.20	0.048	ppb v/v			02/24/21 17:16	1
Xylene (total)	**19**		0.70	0.048	ppb v/v			02/24/21 17:16	1
Styrene	**0.42**		0.20	0.040	ppb v/v			02/24/21 17:16	1
Bromoform	ND		0.20	0.048	ppb v/v			02/24/21 17:16	1
Isopropylbenzene (cumene)	**2.9**		0.20	0.035	ppb v/v			02/24/21 17:16	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/24/21 17:16	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/24/21 17:16	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/24/21 17:16	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/24/21 17:16	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/24/21 17:16	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: SS13-SV-021621-0945
Date Collected: 02/16/21 16:07
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-4
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		25	5.4	ug/m3			02/26/21 03:02	10
Chloromethane	ND	*+	10	2.3	ug/m3			02/26/21 03:02	10
Vinyl chloride	ND		2.0	1.1	ug/m3			02/26/21 03:02	10
Bromomethane	ND		7.8	2.0	ug/m3			02/26/21 03:02	10
Chloroethane	ND		13	1.4	ug/m3			02/26/21 03:02	10
Trichlorofluoromethane	ND		11	3.4	ug/m3			02/26/21 03:02	10
1,1,2-Trichlorotrifluoroethane	ND		15	2.9	ug/m3			02/26/21 03:02	10
1,1-Dichloroethene	ND		2.0	1.5	ug/m3			02/26/21 03:02	10
Acetone	**180**		120	29	ug/m3			02/26/21 03:02	10
Carbon disulfide	ND		16	2.3	ug/m3			02/26/21 03:02	10
Methylene Chloride	ND		17	9.4	ug/m3			02/26/21 03:02	10
Methyl tert-butyl ether	ND		7.2	1.2	ug/m3			02/26/21 03:02	10
trans-1,2-Dichloroethene	ND		7.9	1.7	ug/m3			02/26/21 03:02	10
1,1-Dichloroethane	ND		8.1	1.7	ug/m3			02/26/21 03:02	10
Methyl Ethyl Ketone (2-Butanone)	ND		15	2.1	ug/m3			02/26/21 03:02	10
cis-1,2-Dichloroethene	ND		2.0	1.8	ug/m3			02/26/21 03:02	10
Chloroform	ND		9.8	1.6	ug/m3			02/26/21 03:02	10
1,1,1-Trichloroethane	ND		11	2.0	ug/m3			02/26/21 03:02	10
Cyclohexane	**10**		6.9	1.6	ug/m3			02/26/21 03:02	10
Carbon tetrachloride	ND		2.2	1.5	ug/m3			02/26/21 03:02	10
Benzene	**5.6**	**J**	6.4	2.1	ug/m3			02/26/21 03:02	10
1,2-Dichloroethane	ND		8.1	1.3	ug/m3			02/26/21 03:02	10
Trichloroethene	**14**		2.0	1.9	ug/m3			02/26/21 03:02	10
1,2-Dichloropropane	ND		9.2	1.5	ug/m3			02/26/21 03:02	10
Bromodichloromethane	ND		13	2.3	ug/m3			02/26/21 03:02	10
cis-1,3-Dichloropropene	ND		9.1	1.5	ug/m3			02/26/21 03:02	10
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		20	1.5	ug/m3			02/26/21 03:02	10
Toluene	**13**		7.5	4.1	ug/m3			02/26/21 03:02	10
trans-1,3-Dichloropropene	ND		9.1	1.8	ug/m3			02/26/21 03:02	10
1,1,2-Trichloroethane	ND		11	2.0	ug/m3			02/26/21 03:02	10
Tetrachloroethene	**22**		14	2.2	ug/m3			02/26/21 03:02	10
Methyl Butyl Ketone (2-Hexanone)	ND		20	2.0	ug/m3			02/26/21 03:02	10
Dibromochloromethane	ND		17	3.1	ug/m3			02/26/21 03:02	10
1,2-Dibromoethane	ND		15	3.8	ug/m3			02/26/21 03:02	10
Chlorobenzene	ND		9.2	2.6	ug/m3			02/26/21 03:02	10
Ethylbenzene	**7.2**	**J B**	8.7	2.7	ug/m3			02/26/21 03:02	10
m,p-Xylene	**20**	**J**	22	4.3	ug/m3			02/26/21 03:02	10
o-Xylene	**9.6**		8.7	2.1	ug/m3			02/26/21 03:02	10
Xylene (total)	**30**		30	2.1	ug/m3			02/26/21 03:02	10
Styrene	ND		8.5	1.7	ug/m3			02/26/21 03:02	10
Bromoform	ND		21	5.0	ug/m3			02/26/21 03:02	10
Isopropylbenzene (cumene)	**5.0**	**J**	9.8	1.7	ug/m3			02/26/21 03:02	10
1,1,2,2-Tetrachloroethane	ND		14	2.9	ug/m3			02/26/21 03:02	10
1,3-Dichlorobenzene	ND		12	6.6	ug/m3			02/26/21 03:02	10
1,4-Dichlorobenzene	ND		12	7.2	ug/m3			02/26/21 03:02	10
1,2-Dichlorobenzene	ND		12	5.8	ug/m3			02/26/21 03:02	10
1,2,4-Trichlorobenzene	ND		37	16	ug/m3			02/26/21 03:02	10

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: SS13-SV-021621-0945
Date Collected: 02/16/21 16:07
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-4
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		5.0	1.1	ppb v/v			02/26/21 03:02	10
Chloromethane	ND	*+	5.0	1.1	ppb v/v			02/26/21 03:02	10
Vinyl chloride	ND		0.78	0.44	ppb v/v			02/26/21 03:02	10
Bromomethane	ND		2.0	0.51	ppb v/v			02/26/21 03:02	10
Chloroethane	ND		5.0	0.54	ppb v/v			02/26/21 03:02	10
Trichlorofluoromethane	ND		2.0	0.60	ppb v/v			02/26/21 03:02	10
1,1,2-Trichlorotrifluoroethane	ND		2.0	0.38	ppb v/v			02/26/21 03:02	10
1,1-Dichloroethene	ND		0.50	0.39	ppb v/v			02/26/21 03:02	10
Acetone	**77**		50	12	ppb v/v			02/26/21 03:02	10
Carbon disulfide	ND		5.0	0.74	ppb v/v			02/26/21 03:02	10
Methylene Chloride	ND		5.0	2.7	ppb v/v			02/26/21 03:02	10
Methyl tert-butyl ether	ND		2.0	0.33	ppb v/v			02/26/21 03:02	10
trans-1,2-Dichloroethene	ND		2.0	0.42	ppb v/v			02/26/21 03:02	10
1,1-Dichloroethane	ND		2.0	0.41	ppb v/v			02/26/21 03:02	10
Methyl Ethyl Ketone (2-Butanone)	ND		5.0	0.72	ppb v/v			02/26/21 03:02	10
cis-1,2-Dichloroethene	ND		0.50	0.45	ppb v/v			02/26/21 03:02	10
Chloroform	ND		2.0	0.32	ppb v/v			02/26/21 03:02	10
1,1,1-Trichloroethane	ND		2.0	0.36	ppb v/v			02/26/21 03:02	10
Cyclohexane	**3.0**		2.0	0.46	ppb v/v			02/26/21 03:02	10
Carbon tetrachloride	ND		0.35	0.24	ppb v/v			02/26/21 03:02	10
Benzene	**1.8**	**J**	2.0	0.67	ppb v/v			02/26/21 03:02	10
1,2-Dichloroethane	ND		2.0	0.32	ppb v/v			02/26/21 03:02	10
Trichloroethene	**2.6**		0.37	0.35	ppb v/v			02/26/21 03:02	10
1,2-Dichloropropane	ND		2.0	0.33	ppb v/v			02/26/21 03:02	10
Bromodichloromethane	ND		2.0	0.35	ppb v/v			02/26/21 03:02	10
cis-1,3-Dichloropropene	ND		2.0	0.32	ppb v/v			02/26/21 03:02	10
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		5.0	0.36	ppb v/v			02/26/21 03:02	10
Toluene	**3.5**		2.0	1.1	ppb v/v			02/26/21 03:02	10
trans-1,3-Dichloropropene	ND		2.0	0.39	ppb v/v			02/26/21 03:02	10
1,1,2-Trichloroethane	ND		2.0	0.36	ppb v/v			02/26/21 03:02	10
Tetrachloroethene	**3.2**		2.0	0.33	ppb v/v			02/26/21 03:02	10
Methyl Butyl Ketone (2-Hexanone)	ND		5.0	0.48	ppb v/v			02/26/21 03:02	10
Dibromochloromethane	ND		2.0	0.36	ppb v/v			02/26/21 03:02	10
1,2-Dibromoethane	ND		2.0	0.49	ppb v/v			02/26/21 03:02	10
Chlorobenzene	ND		2.0	0.56	ppb v/v			02/26/21 03:02	10
Ethylbenzene	**1.7**	**J B**	2.0	0.63	ppb v/v			02/26/21 03:02	10
m,p-Xylene	**4.6**	**J**	5.0	1.0	ppb v/v			02/26/21 03:02	10
o-Xylene	**2.2**		2.0	0.48	ppb v/v			02/26/21 03:02	10
Xylene (total)	**6.8**		7.0	0.48	ppb v/v			02/26/21 03:02	10
Styrene	ND		2.0	0.40	ppb v/v			02/26/21 03:02	10
Bromoform	ND		2.0	0.48	ppb v/v			02/26/21 03:02	10
Isopropylbenzene (cumene)	**1.0**	**J**	2.0	0.35	ppb v/v			02/26/21 03:02	10
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ppb v/v			02/26/21 03:02	10
1,3-Dichlorobenzene	ND		2.0	1.1	ppb v/v			02/26/21 03:02	10
1,4-Dichlorobenzene	ND		2.0	1.2	ppb v/v			02/26/21 03:02	10
1,2-Dichlorobenzene	ND		2.0	0.97	ppb v/v			02/26/21 03:02	10
1,2,4-Trichlorobenzene	ND		5.0	2.2	ppb v/v			02/26/21 03:02	10

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: SS13-IA-021621-1130
Date Collected: 02/16/21 18:05
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-5
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.4**	**J**	2.5	0.54	ug/m3			02/24/21 13:45	1
Chloromethane	**1.3**		1.0	0.23	ug/m3			02/24/21 13:45	1
Vinyl chloride	**3.6**		0.20	0.11	ug/m3			02/24/21 13:45	1
Bromomethane	ND		0.78	0.20	ug/m3			02/24/21 13:45	1
Chloroethane	ND		1.3	0.14	ug/m3			02/24/21 13:45	1
Trichlorofluoromethane	**1.7**		1.1	0.34	ug/m3			02/24/21 13:45	1
1,1,2-Trichlorotrifluoroethane	**0.57**	**J**	1.5	0.29	ug/m3			02/24/21 13:45	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/24/21 13:45	1
Acetone	**9.2**	**J**	12	2.9	ug/m3			02/24/21 13:45	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/24/21 13:45	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/24/21 13:45	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/24/21 13:45	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/24/21 13:45	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/24/21 13:45	1
Methyl Ethyl Ketone (2-Butanone)	**1.5**		1.5	0.21	ug/m3			02/24/21 13:45	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/24/21 13:45	1
Chloroform	ND		0.98	0.16	ug/m3			02/24/21 13:45	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 13:45	1
Cyclohexane	ND		0.69	0.16	ug/m3			02/24/21 13:45	1
Carbon tetrachloride	**0.48**		0.22	0.15	ug/m3			02/24/21 13:45	1
Benzene	**0.62**	**J**	0.64	0.21	ug/m3			02/24/21 13:45	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/24/21 13:45	1
Trichloroethene	ND		0.20	0.19	ug/m3			02/24/21 13:45	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/24/21 13:45	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/24/21 13:45	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/24/21 13:45	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/24/21 13:45	1
Toluene	**2.6**		0.75	0.41	ug/m3			02/24/21 13:45	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/24/21 13:45	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 13:45	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/24/21 13:45	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/24/21 13:45	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/24/21 13:45	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/24/21 13:45	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/24/21 13:45	1
Ethylbenzene	ND		0.87	0.27	ug/m3			02/24/21 13:45	1
m,p-Xylene	**0.86**	**J**	2.2	0.43	ug/m3			02/24/21 13:45	1
o-Xylene	**1.2**		0.87	0.21	ug/m3			02/24/21 13:45	1
Xylene (total)	**2.1**	**J**	3.0	0.21	ug/m3			02/24/21 13:45	1
Styrene	ND		0.85	0.17	ug/m3			02/24/21 13:45	1
Bromoform	ND		2.1	0.50	ug/m3			02/24/21 13:45	1
Isopropylbenzene (cumene)	**1.8**		0.98	0.17	ug/m3			02/24/21 13:45	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/24/21 13:45	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/24/21 13:45	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/24/21 13:45	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/24/21 13:45	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/24/21 13:45	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: SS13-IA-021621-1130

Lab Sample ID: 200-57323-5

Date Collected: 02/16/21 18:05

Matrix: Air

Date Received: 02/23/21 11:00

Sample Container: Summa Canister 6L

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.48**	**J**	0.50	0.11	ppb v/v			02/24/21 13:45	1
Chloromethane	**0.65**		0.50	0.11	ppb v/v			02/24/21 13:45	1
Vinyl chloride	**1.4**		0.078	0.044	ppb v/v			02/24/21 13:45	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/24/21 13:45	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/24/21 13:45	1
Trichlorofluoromethane	**0.29**		0.20	0.060	ppb v/v			02/24/21 13:45	1
1,1,2-Trichlorotrifluoroethane	**0.074**	**J**	0.20	0.038	ppb v/v			02/24/21 13:45	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/24/21 13:45	1
Acetone	**3.9**	**J**	5.0	1.2	ppb v/v			02/24/21 13:45	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/24/21 13:45	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/24/21 13:45	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/24/21 13:45	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/24/21 13:45	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/24/21 13:45	1
Methyl Ethyl Ketone (2-Butanone)	**0.51**		0.50	0.072	ppb v/v			02/24/21 13:45	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/24/21 13:45	1
Chloroform	ND		0.20	0.032	ppb v/v			02/24/21 13:45	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 13:45	1
Cyclohexane	ND		0.20	0.046	ppb v/v			02/24/21 13:45	1
Carbon tetrachloride	**0.076**		0.035	0.024	ppb v/v			02/24/21 13:45	1
Benzene	**0.20**	**J**	0.20	0.067	ppb v/v			02/24/21 13:45	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/24/21 13:45	1
Trichloroethene	ND		0.037	0.035	ppb v/v			02/24/21 13:45	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/24/21 13:45	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/24/21 13:45	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/24/21 13:45	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/24/21 13:45	1
Toluene	**0.70**		0.20	0.11	ppb v/v			02/24/21 13:45	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/24/21 13:45	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 13:45	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/24/21 13:45	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/24/21 13:45	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/24/21 13:45	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/24/21 13:45	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/24/21 13:45	1
Ethylbenzene	ND		0.20	0.063	ppb v/v			02/24/21 13:45	1
m,p-Xylene	**0.20**	**J**	0.50	0.10	ppb v/v			02/24/21 13:45	1
o-Xylene	**0.27**		0.20	0.048	ppb v/v			02/24/21 13:45	1
Xylene (total)	**0.47**	**J**	0.70	0.048	ppb v/v			02/24/21 13:45	1
Styrene	ND		0.20	0.040	ppb v/v			02/24/21 13:45	1
Bromoform	ND		0.20	0.048	ppb v/v			02/24/21 13:45	1
Isopropylbenzene (cumene)	**0.37**		0.20	0.035	ppb v/v			02/24/21 13:45	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/24/21 13:45	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/24/21 13:45	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/24/21 13:45	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/24/21 13:45	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/24/21 13:45	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: SS37-SV-021621-1020
Date Collected: 02/16/21 17:25
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-6
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**3.4**		2.5	0.54	ug/m3			02/24/21 19:02	1
Chloromethane	**0.61**	**J**	1.0	0.23	ug/m3			02/24/21 19:02	1
Vinyl chloride	ND		0.20	0.11	ug/m3			02/24/21 19:02	1
Bromomethane	ND		0.78	0.20	ug/m3			02/24/21 19:02	1
Chloroethane	ND		1.3	0.14	ug/m3			02/24/21 19:02	1
Trichlorofluoromethane	**1.5**		1.1	0.34	ug/m3			02/24/21 19:02	1
1,1,2-Trichlorotrifluoroethane	**0.66**	**J**	1.5	0.29	ug/m3			02/24/21 19:02	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/24/21 19:02	1
Acetone	**760**	**E**	12	2.9	ug/m3			02/24/21 19:02	1
Carbon disulfide	**2.0**		1.6	0.23	ug/m3			02/24/21 19:02	1
Methylene Chloride	**1.6**	**J**	1.7	0.94	ug/m3			02/24/21 19:02	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/24/21 19:02	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/24/21 19:02	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/24/21 19:02	1
Methyl Ethyl Ketone (2-Butanone)	**7.0**		1.5	0.21	ug/m3			02/24/21 19:02	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/24/21 19:02	1
Chloroform	**0.22**	**J**	0.98	0.16	ug/m3			02/24/21 19:02	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 19:02	1
Cyclohexane	**20**		0.69	0.16	ug/m3			02/24/21 19:02	1
Carbon tetrachloride	**0.32**		0.22	0.15	ug/m3			02/24/21 19:02	1
Benzene	**9.0**		0.64	0.21	ug/m3			02/24/21 19:02	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/24/21 19:02	1
Trichloroethene	**21**		0.20	0.19	ug/m3			02/24/21 19:02	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/24/21 19:02	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/24/21 19:02	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/24/21 19:02	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**1.6**	**J**	2.0	0.15	ug/m3			02/24/21 19:02	1
Toluene	**25**		0.75	0.41	ug/m3			02/24/21 19:02	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/24/21 19:02	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 19:02	1
Tetrachloroethene	**13**		1.4	0.22	ug/m3			02/24/21 19:02	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/24/21 19:02	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/24/21 19:02	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/24/21 19:02	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/24/21 19:02	1
Ethylbenzene	**6.3**		0.87	0.27	ug/m3			02/24/21 19:02	1
m,p-Xylene	**33**		2.2	0.43	ug/m3			02/24/21 19:02	1
o-Xylene	**10**		0.87	0.21	ug/m3			02/24/21 19:02	1
Xylene (total)	**43**		3.0	0.21	ug/m3			02/24/21 19:02	1
Styrene	**2.3**		0.85	0.17	ug/m3			02/24/21 19:02	1
Bromoform	ND		2.1	0.50	ug/m3			02/24/21 19:02	1
Isopropylbenzene (cumene)	**1.0**		0.98	0.17	ug/m3			02/24/21 19:02	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/24/21 19:02	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/24/21 19:02	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/24/21 19:02	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/24/21 19:02	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/24/21 19:02	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: SS37-SV-021621-1020
Date Collected: 02/16/21 17:25
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-6
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.68**		0.50	0.11	ppb v/v			02/24/21 19:02	1
Chloromethane	**0.30**	**J**	0.50	0.11	ppb v/v			02/24/21 19:02	1
Vinyl chloride	ND		0.078	0.044	ppb v/v			02/24/21 19:02	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/24/21 19:02	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/24/21 19:02	1
Trichlorofluoromethane	**0.28**		0.20	0.060	ppb v/v			02/24/21 19:02	1
1,1,2-Trichlorotrifluoroethane	**0.086**	**J**	0.20	0.038	ppb v/v			02/24/21 19:02	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/24/21 19:02	1
Acetone	**320**	**E**	5.0	1.2	ppb v/v			02/24/21 19:02	1
Carbon disulfide	**0.66**		0.50	0.074	ppb v/v			02/24/21 19:02	1
Methylene Chloride	**0.46**	**J**	0.50	0.27	ppb v/v			02/24/21 19:02	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/24/21 19:02	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/24/21 19:02	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/24/21 19:02	1
Methyl Ethyl Ketone (2-Butanone)	**2.4**		0.50	0.072	ppb v/v			02/24/21 19:02	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/24/21 19:02	1
Chloroform	**0.045**	**J**	0.20	0.032	ppb v/v			02/24/21 19:02	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 19:02	1
Cyclohexane	**5.8**		0.20	0.046	ppb v/v			02/24/21 19:02	1
Carbon tetrachloride	**0.052**		0.035	0.024	ppb v/v			02/24/21 19:02	1
Benzene	**2.8**		0.20	0.067	ppb v/v			02/24/21 19:02	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/24/21 19:02	1
Trichloroethene	**3.9**		0.037	0.035	ppb v/v			02/24/21 19:02	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/24/21 19:02	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/24/21 19:02	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/24/21 19:02	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.40**	**J**	0.50	0.036	ppb v/v			02/24/21 19:02	1
Toluene	**6.6**		0.20	0.11	ppb v/v			02/24/21 19:02	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/24/21 19:02	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 19:02	1
Tetrachloroethene	**2.0**		0.20	0.033	ppb v/v			02/24/21 19:02	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/24/21 19:02	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/24/21 19:02	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/24/21 19:02	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/24/21 19:02	1
Ethylbenzene	**1.4**		0.20	0.063	ppb v/v			02/24/21 19:02	1
m,p-Xylene	**7.6**		0.50	0.10	ppb v/v			02/24/21 19:02	1
o-Xylene	**2.4**		0.20	0.048	ppb v/v			02/24/21 19:02	1
Xylene (total)	**9.9**		0.70	0.048	ppb v/v			02/24/21 19:02	1
Styrene	**0.53**		0.20	0.040	ppb v/v			02/24/21 19:02	1
Bromoform	ND		0.20	0.048	ppb v/v			02/24/21 19:02	1
Isopropylbenzene (cumene)	**0.21**		0.20	0.035	ppb v/v			02/24/21 19:02	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/24/21 19:02	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/24/21 19:02	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/24/21 19:02	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/24/21 19:02	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/24/21 19:02	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: SS37-SV-021621-1020
Date Collected: 02/16/21 17:25
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-6
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		25	5.4	ug/m3			02/26/21 03:54	10
Chloromethane	ND	*+	10	2.3	ug/m3			02/26/21 03:54	10
Vinyl chloride	ND		2.0	1.1	ug/m3			02/26/21 03:54	10
Bromomethane	ND		7.8	2.0	ug/m3			02/26/21 03:54	10
Chloroethane	ND		13	1.4	ug/m3			02/26/21 03:54	10
Trichlorofluoromethane	ND		11	3.4	ug/m3			02/26/21 03:54	10
1,1,2-Trichlorotrifluoroethane	ND		15	2.9	ug/m3			02/26/21 03:54	10
1,1-Dichloroethene	ND		2.0	1.5	ug/m3			02/26/21 03:54	10
Acetone	**320**		120	29	ug/m3			02/26/21 03:54	10
Carbon disulfide	ND		16	2.3	ug/m3			02/26/21 03:54	10
Methylene Chloride	ND		17	9.4	ug/m3			02/26/21 03:54	10
Methyl tert-butyl ether	ND		7.2	1.2	ug/m3			02/26/21 03:54	10
trans-1,2-Dichloroethene	ND		7.9	1.7	ug/m3			02/26/21 03:54	10
1,1-Dichloroethane	ND		8.1	1.7	ug/m3			02/26/21 03:54	10
Methyl Ethyl Ketone (2-Butanone)	ND		15	2.1	ug/m3			02/26/21 03:54	10
cis-1,2-Dichloroethene	ND		2.0	1.8	ug/m3			02/26/21 03:54	10
Chloroform	ND		9.8	1.6	ug/m3			02/26/21 03:54	10
1,1,1-Trichloroethane	ND		11	2.0	ug/m3			02/26/21 03:54	10
Cyclohexane	ND		6.9	1.6	ug/m3			02/26/21 03:54	10
Carbon tetrachloride	ND		2.2	1.5	ug/m3			02/26/21 03:54	10
Benzene	**5.4**	**J**	6.4	2.1	ug/m3			02/26/21 03:54	10
1,2-Dichloroethane	ND		8.1	1.3	ug/m3			02/26/21 03:54	10
Trichloroethene	**11**		2.0	1.9	ug/m3			02/26/21 03:54	10
1,2-Dichloropropane	ND		9.2	1.5	ug/m3			02/26/21 03:54	10
Bromodichloromethane	ND		13	2.3	ug/m3			02/26/21 03:54	10
cis-1,3-Dichloropropene	ND		9.1	1.5	ug/m3			02/26/21 03:54	10
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		20	1.5	ug/m3			02/26/21 03:54	10
Toluene	**7.8**		7.5	4.1	ug/m3			02/26/21 03:54	10
trans-1,3-Dichloropropene	ND		9.1	1.8	ug/m3			02/26/21 03:54	10
1,1,2-Trichloroethane	ND		11	2.0	ug/m3			02/26/21 03:54	10
Tetrachloroethene	**9.2**	**J**	14	2.2	ug/m3			02/26/21 03:54	10
Methyl Butyl Ketone (2-Hexanone)	ND		20	2.0	ug/m3			02/26/21 03:54	10
Dibromochloromethane	ND		17	3.1	ug/m3			02/26/21 03:54	10
1,2-Dibromoethane	ND		15	3.8	ug/m3			02/26/21 03:54	10
Chlorobenzene	ND		9.2	2.6	ug/m3			02/26/21 03:54	10
Ethylbenzene	ND		8.7	2.7	ug/m3			02/26/21 03:54	10
m,p-Xylene	ND		22	4.3	ug/m3			02/26/21 03:54	10
o-Xylene	**6.1**	**J**	8.7	2.1	ug/m3			02/26/21 03:54	10
Xylene (total)	**6.1**	**J**	30	2.1	ug/m3			02/26/21 03:54	10
Styrene	ND		8.5	1.7	ug/m3			02/26/21 03:54	10
Bromoform	ND		21	5.0	ug/m3			02/26/21 03:54	10
Isopropylbenzene (cumene)	ND		9.8	1.7	ug/m3			02/26/21 03:54	10
1,1,2,2-Tetrachloroethane	ND		14	2.9	ug/m3			02/26/21 03:54	10
1,3-Dichlorobenzene	ND		12	6.6	ug/m3			02/26/21 03:54	10
1,4-Dichlorobenzene	ND		12	7.2	ug/m3			02/26/21 03:54	10
1,2-Dichlorobenzene	ND		12	5.8	ug/m3			02/26/21 03:54	10
1,2,4-Trichlorobenzene	ND		37	16	ug/m3			02/26/21 03:54	10

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: SS37-SV-021621-1020
Date Collected: 02/16/21 17:25
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-6
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		5.0	1.1	ppb v/v			02/26/21 03:54	10
Chloromethane	ND	*+	5.0	1.1	ppb v/v			02/26/21 03:54	10
Vinyl chloride	ND		0.78	0.44	ppb v/v			02/26/21 03:54	10
Bromomethane	ND		2.0	0.51	ppb v/v			02/26/21 03:54	10
Chloroethane	ND		5.0	0.54	ppb v/v			02/26/21 03:54	10
Trichlorofluoromethane	ND		2.0	0.60	ppb v/v			02/26/21 03:54	10
1,1,2-Trichlorotrifluoroethane	ND		2.0	0.38	ppb v/v			02/26/21 03:54	10
1,1-Dichloroethene	ND		0.50	0.39	ppb v/v			02/26/21 03:54	10
Acetone	**130**		50	12	ppb v/v			02/26/21 03:54	10
Carbon disulfide	ND		5.0	0.74	ppb v/v			02/26/21 03:54	10
Methylene Chloride	ND		5.0	2.7	ppb v/v			02/26/21 03:54	10
Methyl tert-butyl ether	ND		2.0	0.33	ppb v/v			02/26/21 03:54	10
trans-1,2-Dichloroethene	ND		2.0	0.42	ppb v/v			02/26/21 03:54	10
1,1-Dichloroethane	ND		2.0	0.41	ppb v/v			02/26/21 03:54	10
Methyl Ethyl Ketone (2-Butanone)	ND		5.0	0.72	ppb v/v			02/26/21 03:54	10
cis-1,2-Dichloroethene	ND		0.50	0.45	ppb v/v			02/26/21 03:54	10
Chloroform	ND		2.0	0.32	ppb v/v			02/26/21 03:54	10
1,1,1-Trichloroethane	ND		2.0	0.36	ppb v/v			02/26/21 03:54	10
Cyclohexane	ND		2.0	0.46	ppb v/v			02/26/21 03:54	10
Carbon tetrachloride	ND		0.35	0.24	ppb v/v			02/26/21 03:54	10
Benzene	**1.7**	**J**	2.0	0.67	ppb v/v			02/26/21 03:54	10
1,2-Dichloroethane	ND		2.0	0.32	ppb v/v			02/26/21 03:54	10
Trichloroethene	**2.0**		0.37	0.35	ppb v/v			02/26/21 03:54	10
1,2-Dichloropropane	ND		2.0	0.33	ppb v/v			02/26/21 03:54	10
Bromodichloromethane	ND		2.0	0.35	ppb v/v			02/26/21 03:54	10
cis-1,3-Dichloropropene	ND		2.0	0.32	ppb v/v			02/26/21 03:54	10
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		5.0	0.36	ppb v/v			02/26/21 03:54	10
Toluene	**2.1**		2.0	1.1	ppb v/v			02/26/21 03:54	10
trans-1,3-Dichloropropene	ND		2.0	0.39	ppb v/v			02/26/21 03:54	10
1,1,2-Trichloroethane	ND		2.0	0.36	ppb v/v			02/26/21 03:54	10
Tetrachloroethene	**1.4**	**J**	2.0	0.33	ppb v/v			02/26/21 03:54	10
Methyl Butyl Ketone (2-Hexanone)	ND		5.0	0.48	ppb v/v			02/26/21 03:54	10
Dibromochloromethane	ND		2.0	0.36	ppb v/v			02/26/21 03:54	10
1,2-Dibromoethane	ND		2.0	0.49	ppb v/v			02/26/21 03:54	10
Chlorobenzene	ND		2.0	0.56	ppb v/v			02/26/21 03:54	10
Ethylbenzene	ND		2.0	0.63	ppb v/v			02/26/21 03:54	10
m,p-Xylene	ND		5.0	1.0	ppb v/v			02/26/21 03:54	10
o-Xylene	**1.4**	**J**	2.0	0.48	ppb v/v			02/26/21 03:54	10
Xylene (total)	**1.4**	**J**	7.0	0.48	ppb v/v			02/26/21 03:54	10
Styrene	ND		2.0	0.40	ppb v/v			02/26/21 03:54	10
Bromoform	ND		2.0	0.48	ppb v/v			02/26/21 03:54	10
Isopropylbenzene (cumene)	ND		2.0	0.35	ppb v/v			02/26/21 03:54	10
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ppb v/v			02/26/21 03:54	10
1,3-Dichlorobenzene	ND		2.0	1.1	ppb v/v			02/26/21 03:54	10
1,4-Dichlorobenzene	ND		2.0	1.2	ppb v/v			02/26/21 03:54	10
1,2-Dichlorobenzene	ND		2.0	0.97	ppb v/v			02/26/21 03:54	10
1,2,4-Trichlorobenzene	ND		5.0	2.2	ppb v/v			02/26/21 03:54	10

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: SS37-IA-021621-1020
Date Collected: 02/16/21 17:25
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-7
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.6**		2.5	0.54	ug/m3			02/24/21 14:38	1
Chloromethane	**1.4**		1.0	0.23	ug/m3			02/24/21 14:38	1
Vinyl chloride	**1.9**		0.20	0.11	ug/m3			02/24/21 14:38	1
Bromomethane	ND		0.78	0.20	ug/m3			02/24/21 14:38	1
Chloroethane	ND		1.3	0.14	ug/m3			02/24/21 14:38	1
Trichlorofluoromethane	**1.6**		1.1	0.34	ug/m3			02/24/21 14:38	1
1,1,2-Trichlorotrifluoroethane	**0.50**	**J**	1.5	0.29	ug/m3			02/24/21 14:38	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/24/21 14:38	1
Acetone	**18**		12	2.9	ug/m3			02/24/21 14:38	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/24/21 14:38	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/24/21 14:38	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/24/21 14:38	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/24/21 14:38	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/24/21 14:38	1
Methyl Ethyl Ketone (2-Butanone)	**1.8**		1.5	0.21	ug/m3			02/24/21 14:38	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/24/21 14:38	1
Chloroform	**0.33**	**J**	0.98	0.16	ug/m3			02/24/21 14:38	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 14:38	1
Cyclohexane	**0.17**	**J**	0.69	0.16	ug/m3			02/24/21 14:38	1
Carbon tetrachloride	**0.42**		0.22	0.15	ug/m3			02/24/21 14:38	1
Benzene	**0.83**		0.64	0.21	ug/m3			02/24/21 14:38	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/24/21 14:38	1
Trichloroethene	ND		0.20	0.19	ug/m3			02/24/21 14:38	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/24/21 14:38	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/24/21 14:38	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/24/21 14:38	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/24/21 14:38	1
Toluene	**2.4**		0.75	0.41	ug/m3			02/24/21 14:38	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/24/21 14:38	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 14:38	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/24/21 14:38	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/24/21 14:38	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/24/21 14:38	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/24/21 14:38	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/24/21 14:38	1
Ethylbenzene	ND		0.87	0.27	ug/m3			02/24/21 14:38	1
m,p-Xylene	**0.77**	**J**	2.2	0.43	ug/m3			02/24/21 14:38	1
o-Xylene	**0.89**		0.87	0.21	ug/m3			02/24/21 14:38	1
Xylene (total)	**1.7**	**J**	3.0	0.21	ug/m3			02/24/21 14:38	1
Styrene	ND		0.85	0.17	ug/m3			02/24/21 14:38	1
Bromoform	ND		2.1	0.50	ug/m3			02/24/21 14:38	1
Isopropylbenzene (cumene)	**1.4**		0.98	0.17	ug/m3			02/24/21 14:38	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/24/21 14:38	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/24/21 14:38	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/24/21 14:38	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/24/21 14:38	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/24/21 14:38	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: SS37-IA-021621-1020
Date Collected: 02/16/21 17:25
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-7
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.53**		0.50	0.11	ppb v/v			02/24/21 14:38	1
Chloromethane	**0.67**		0.50	0.11	ppb v/v			02/24/21 14:38	1
Vinyl chloride	**0.75**		0.078	0.044	ppb v/v			02/24/21 14:38	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/24/21 14:38	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/24/21 14:38	1
Trichlorofluoromethane	**0.29**		0.20	0.060	ppb v/v			02/24/21 14:38	1
1,1,2-Trichlorotrifluoroethane	**0.066**	**J**	0.20	0.038	ppb v/v			02/24/21 14:38	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/24/21 14:38	1
Acetone	**7.4**		5.0	1.2	ppb v/v			02/24/21 14:38	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/24/21 14:38	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/24/21 14:38	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/24/21 14:38	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/24/21 14:38	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/24/21 14:38	1
Methyl Ethyl Ketone (2-Butanone)	**0.61**		0.50	0.072	ppb v/v			02/24/21 14:38	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/24/21 14:38	1
Chloroform	**0.067**	**J**	0.20	0.032	ppb v/v			02/24/21 14:38	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 14:38	1
Cyclohexane	**0.048**	**J**	0.20	0.046	ppb v/v			02/24/21 14:38	1
Carbon tetrachloride	**0.066**		0.035	0.024	ppb v/v			02/24/21 14:38	1
Benzene	**0.26**		0.20	0.067	ppb v/v			02/24/21 14:38	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/24/21 14:38	1
Trichloroethene	ND		0.037	0.035	ppb v/v			02/24/21 14:38	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/24/21 14:38	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/24/21 14:38	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/24/21 14:38	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/24/21 14:38	1
Toluene	**0.63**		0.20	0.11	ppb v/v			02/24/21 14:38	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/24/21 14:38	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 14:38	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/24/21 14:38	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/24/21 14:38	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/24/21 14:38	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/24/21 14:38	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/24/21 14:38	1
Ethylbenzene	ND		0.20	0.063	ppb v/v			02/24/21 14:38	1
m,p-Xylene	**0.18**	**J**	0.50	0.10	ppb v/v			02/24/21 14:38	1
o-Xylene	**0.20**		0.20	0.048	ppb v/v			02/24/21 14:38	1
Xylene (total)	**0.38**	**J**	0.70	0.048	ppb v/v			02/24/21 14:38	1
Styrene	ND		0.20	0.040	ppb v/v			02/24/21 14:38	1
Bromoform	ND		0.20	0.048	ppb v/v			02/24/21 14:38	1
Isopropylbenzene (cumene)	**0.29**		0.20	0.035	ppb v/v			02/24/21 14:38	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/24/21 14:38	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/24/21 14:38	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/24/21 14:38	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/24/21 14:38	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/24/21 14:38	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: HH37-SV-021621-1045
Date Collected: 02/16/21 17:45
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-8
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**9.8**		4.9	1.1	ug/m3			02/25/21 13:48	2
Chloromethane	ND		2.1	0.45	ug/m3			02/25/21 13:48	2
Vinyl chloride	ND		0.40	0.22	ug/m3			02/25/21 13:48	2
Bromomethane	ND		1.6	0.40	ug/m3			02/25/21 13:48	2
Chloroethane	ND		2.6	0.28	ug/m3			02/25/21 13:48	2
Trichlorofluoromethane	**3.5**		2.2	0.67	ug/m3			02/25/21 13:48	2
1,1,2-Trichlorotrifluoroethane	ND		3.1	0.58	ug/m3			02/25/21 13:48	2
1,1-Dichloroethene	ND		0.40	0.31	ug/m3			02/25/21 13:48	2
Acetone	**150**		24	5.7	ug/m3			02/25/21 13:48	2
Carbon disulfide	**9.2**		3.1	0.46	ug/m3			02/25/21 13:48	2
Methylene Chloride	ND		3.5	1.9	ug/m3			02/25/21 13:48	2
Methyl tert-butyl ether	ND		1.4	0.24	ug/m3			02/25/21 13:48	2
trans-1,2-Dichloroethene	ND		1.6	0.33	ug/m3			02/25/21 13:48	2
1,1-Dichloroethane	ND		1.6	0.33	ug/m3			02/25/21 13:48	2
Methyl Ethyl Ketone (2-Butanone)	**12**		2.9	0.42	ug/m3			02/25/21 13:48	2
cis-1,2-Dichloroethene	ND		0.40	0.36	ug/m3			02/25/21 13:48	2
Chloroform	**350**		2.0	0.31	ug/m3			02/25/21 13:48	2
1,1,1-Trichloroethane	ND		2.2	0.39	ug/m3			02/25/21 13:48	2
Cyclohexane	**110**		1.4	0.32	ug/m3			02/25/21 13:48	2
Carbon tetrachloride	**0.53**		0.44	0.30	ug/m3			02/25/21 13:48	2
Benzene	**43**		1.3	0.43	ug/m3			02/25/21 13:48	2
1,2-Dichloroethane	ND		1.6	0.26	ug/m3			02/25/21 13:48	2
Trichloroethene	**7.0**		0.40	0.38	ug/m3			02/25/21 13:48	2
1,2-Dichloropropane	ND		1.8	0.31	ug/m3			02/25/21 13:48	2
Bromodichloromethane	ND		2.7	0.47	ug/m3			02/25/21 13:48	2
cis-1,3-Dichloropropene	ND		1.8	0.29	ug/m3			02/25/21 13:48	2
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		4.1	0.29	ug/m3			02/25/21 13:48	2
Toluene	**110**		1.5	0.83	ug/m3			02/25/21 13:48	2
trans-1,3-Dichloropropene	ND		1.8	0.35	ug/m3			02/25/21 13:48	2
1,1,2-Trichloroethane	ND		2.2	0.39	ug/m3			02/25/21 13:48	2
Tetrachloroethene	**21**		2.7	0.45	ug/m3			02/25/21 13:48	2
Methyl Butyl Ketone (2-Hexanone)	ND		4.1	0.39	ug/m3			02/25/21 13:48	2
Dibromochloromethane	ND		3.4	0.61	ug/m3			02/25/21 13:48	2
1,2-Dibromoethane	ND		3.1	0.75	ug/m3			02/25/21 13:48	2
Chlorobenzene	ND		1.8	0.52	ug/m3			02/25/21 13:48	2
Ethylbenzene	**12**		1.7	0.55	ug/m3			02/25/21 13:48	2
m,p-Xylene	**100**		4.3	0.87	ug/m3			02/25/21 13:48	2
o-Xylene	**26**		1.7	0.42	ug/m3			02/25/21 13:48	2
Xylene (total)	**130**		6.1	0.42	ug/m3			02/25/21 13:48	2
Styrene	**1.5**	**J**	1.7	0.34	ug/m3			02/25/21 13:48	2
Bromoform	ND		4.1	0.99	ug/m3			02/25/21 13:48	2
Isopropylbenzene (cumene)	**2.6**		2.0	0.34	ug/m3			02/25/21 13:48	2
1,1,2,2-Tetrachloroethane	ND		2.7	0.58	ug/m3			02/25/21 13:48	2
1,3-Dichlorobenzene	ND		2.4	1.3	ug/m3			02/25/21 13:48	2
1,4-Dichlorobenzene	ND		2.4	1.4	ug/m3			02/25/21 13:48	2
1,2-Dichlorobenzene	ND		2.4	1.2	ug/m3			02/25/21 13:48	2
1,2,4-Trichlorobenzene	ND		7.4	3.3	ug/m3			02/25/21 13:48	2

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: HH37-SV-021621-1045
Date Collected: 02/16/21 17:45
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-8
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.0**		1.0	0.22	ppb v/v			02/25/21 13:48	2
Chloromethane	ND		1.0	0.22	ppb v/v			02/25/21 13:48	2
Vinyl chloride	ND		0.16	0.088	ppb v/v			02/25/21 13:48	2
Bromomethane	ND		0.40	0.10	ppb v/v			02/25/21 13:48	2
Chloroethane	ND		1.0	0.11	ppb v/v			02/25/21 13:48	2
Trichlorofluoromethane	**0.62**		0.40	0.12	ppb v/v			02/25/21 13:48	2
1,1,2-Trichlorotrifluoroethane	ND		0.40	0.076	ppb v/v			02/25/21 13:48	2
1,1-Dichloroethene	ND		0.10	0.078	ppb v/v			02/25/21 13:48	2
Acetone	**61**		10	2.4	ppb v/v			02/25/21 13:48	2
Carbon disulfide	**2.9**		1.0	0.15	ppb v/v			02/25/21 13:48	2
Methylene Chloride	ND		1.0	0.54	ppb v/v			02/25/21 13:48	2
Methyl tert-butyl ether	ND		0.40	0.066	ppb v/v			02/25/21 13:48	2
trans-1,2-Dichloroethene	ND		0.40	0.084	ppb v/v			02/25/21 13:48	2
1,1-Dichloroethane	ND		0.40	0.082	ppb v/v			02/25/21 13:48	2
Methyl Ethyl Ketone (2-Butanone)	**4.0**		1.0	0.14	ppb v/v			02/25/21 13:48	2
cis-1,2-Dichloroethene	ND		0.10	0.090	ppb v/v			02/25/21 13:48	2
Chloroform	**71**		0.40	0.064	ppb v/v			02/25/21 13:48	2
1,1,1-Trichloroethane	ND		0.40	0.072	ppb v/v			02/25/21 13:48	2
Cyclohexane	**31**		0.40	0.092	ppb v/v			02/25/21 13:48	2
Carbon tetrachloride	**0.084**		0.070	0.048	ppb v/v			02/25/21 13:48	2
Benzene	**14**		0.40	0.13	ppb v/v			02/25/21 13:48	2
1,2-Dichloroethane	ND		0.40	0.064	ppb v/v			02/25/21 13:48	2
Trichloroethene	**1.3**		0.074	0.070	ppb v/v			02/25/21 13:48	2
1,2-Dichloropropane	ND		0.40	0.066	ppb v/v			02/25/21 13:48	2
Bromodichloromethane	ND		0.40	0.070	ppb v/v			02/25/21 13:48	2
cis-1,3-Dichloropropene	ND		0.40	0.064	ppb v/v			02/25/21 13:48	2
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		1.0	0.072	ppb v/v			02/25/21 13:48	2
Toluene	**28**		0.40	0.22	ppb v/v			02/25/21 13:48	2
trans-1,3-Dichloropropene	ND		0.40	0.078	ppb v/v			02/25/21 13:48	2
1,1,2-Trichloroethane	ND		0.40	0.072	ppb v/v			02/25/21 13:48	2
Tetrachloroethene	**3.1**		0.40	0.066	ppb v/v			02/25/21 13:48	2
Methyl Butyl Ketone (2-Hexanone)	ND		1.0	0.096	ppb v/v			02/25/21 13:48	2
Dibromochloromethane	ND		0.40	0.072	ppb v/v			02/25/21 13:48	2
1,2-Dibromoethane	ND		0.40	0.098	ppb v/v			02/25/21 13:48	2
Chlorobenzene	ND		0.40	0.11	ppb v/v			02/25/21 13:48	2
Ethylbenzene	**2.7**		0.40	0.13	ppb v/v			02/25/21 13:48	2
m,p-Xylene	**23**		1.0	0.20	ppb v/v			02/25/21 13:48	2
o-Xylene	**6.1**		0.40	0.096	ppb v/v			02/25/21 13:48	2
Xylene (total)	**29**		1.4	0.096	ppb v/v			02/25/21 13:48	2
Styrene	**0.36**	**J**	0.40	0.080	ppb v/v			02/25/21 13:48	2
Bromoform	ND		0.40	0.096	ppb v/v			02/25/21 13:48	2
Isopropylbenzene (cumene)	**0.53**		0.40	0.070	ppb v/v			02/25/21 13:48	2
1,1,2,2-Tetrachloroethane	ND		0.40	0.084	ppb v/v			02/25/21 13:48	2
1,3-Dichlorobenzene	ND		0.40	0.22	ppb v/v			02/25/21 13:48	2
1,4-Dichlorobenzene	ND		0.40	0.24	ppb v/v			02/25/21 13:48	2
1,2-Dichlorobenzene	ND		0.40	0.19	ppb v/v			02/25/21 13:48	2
1,2,4-Trichlorobenzene	ND		1.0	0.44	ppb v/v			02/25/21 13:48	2

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: HH37-SV-021621-1045
Date Collected: 02/16/21 17:45
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-8
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**9.5**	**J**	25	5.4	ug/m3			02/25/21 14:41	10
Chloromethane	ND		10	2.3	ug/m3			02/25/21 14:41	10
Vinyl chloride	ND		2.0	1.1	ug/m3			02/25/21 14:41	10
Bromomethane	ND		7.8	2.0	ug/m3			02/25/21 14:41	10
Chloroethane	ND		13	1.4	ug/m3			02/25/21 14:41	10
Trichlorofluoromethane	ND		11	3.4	ug/m3			02/25/21 14:41	10
1,1,2-Trichlorotrifluoroethane	ND		15	2.9	ug/m3			02/25/21 14:41	10
1,1-Dichloroethene	ND		2.0	1.5	ug/m3			02/25/21 14:41	10
Acetone	**140**		120	29	ug/m3			02/25/21 14:41	10
Carbon disulfide	**8.8**	**J**	16	2.3	ug/m3			02/25/21 14:41	10
Methylene Chloride	ND		17	9.4	ug/m3			02/25/21 14:41	10
Methyl tert-butyl ether	ND		7.2	1.2	ug/m3			02/25/21 14:41	10
trans-1,2-Dichloroethene	ND		7.9	1.7	ug/m3			02/25/21 14:41	10
1,1-Dichloroethane	ND		8.1	1.7	ug/m3			02/25/21 14:41	10
Methyl Ethyl Ketone (2-Butanone)	**9.5**	**J**	15	2.1	ug/m3			02/25/21 14:41	10
cis-1,2-Dichloroethene	ND		2.0	1.8	ug/m3			02/25/21 14:41	10
Chloroform	**330**		9.8	1.6	ug/m3			02/25/21 14:41	10
1,1,1-Trichloroethane	ND		11	2.0	ug/m3			02/25/21 14:41	10
Cyclohexane	**98**		6.9	1.6	ug/m3			02/25/21 14:41	10
Carbon tetrachloride	ND		2.2	1.5	ug/m3			02/25/21 14:41	10
Benzene	**40**		6.4	2.1	ug/m3			02/25/21 14:41	10
1,2-Dichloroethane	ND		8.1	1.3	ug/m3			02/25/21 14:41	10
Trichloroethene	**6.1**		2.0	1.9	ug/m3			02/25/21 14:41	10
1,2-Dichloropropane	ND		9.2	1.5	ug/m3			02/25/21 14:41	10
Bromodichloromethane	ND		13	2.3	ug/m3			02/25/21 14:41	10
cis-1,3-Dichloropropene	ND		9.1	1.5	ug/m3			02/25/21 14:41	10
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		20	1.5	ug/m3			02/25/21 14:41	10
Toluene	**98**		7.5	4.1	ug/m3			02/25/21 14:41	10
trans-1,3-Dichloropropene	ND		9.1	1.8	ug/m3			02/25/21 14:41	10
1,1,2-Trichloroethane	ND		11	2.0	ug/m3			02/25/21 14:41	10
Tetrachloroethene	**20**		14	2.2	ug/m3			02/25/21 14:41	10
Methyl Butyl Ketone (2-Hexanone)	ND		20	2.0	ug/m3			02/25/21 14:41	10
Dibromochloromethane	ND		17	3.1	ug/m3			02/25/21 14:41	10
1,2-Dibromoethane	ND		15	3.8	ug/m3			02/25/21 14:41	10
Chlorobenzene	ND		9.2	2.6	ug/m3			02/25/21 14:41	10
Ethylbenzene	**11**		8.7	2.7	ug/m3			02/25/21 14:41	10
m,p-Xylene	**90**		22	4.3	ug/m3			02/25/21 14:41	10
o-Xylene	**23**		8.7	2.1	ug/m3			02/25/21 14:41	10
Xylene (total)	**110**		30	2.1	ug/m3			02/25/21 14:41	10
Styrene	ND		8.5	1.7	ug/m3			02/25/21 14:41	10
Bromoform	ND		21	5.0	ug/m3			02/25/21 14:41	10
Isopropylbenzene (cumene)	**2.3**	**J**	9.8	1.7	ug/m3			02/25/21 14:41	10
1,1,2,2-Tetrachloroethane	ND		14	2.9	ug/m3			02/25/21 14:41	10
1,3-Dichlorobenzene	ND		12	6.6	ug/m3			02/25/21 14:41	10
1,4-Dichlorobenzene	ND		12	7.2	ug/m3			02/25/21 14:41	10
1,2-Dichlorobenzene	ND		12	5.8	ug/m3			02/25/21 14:41	10
1,2,4-Trichlorobenzene	ND		37	16	ug/m3			02/25/21 14:41	10

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: HH37-SV-021621-1045
Date Collected: 02/16/21 17:45
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-8
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**1.9**	**J**	5.0	1.1	ppb v/v			02/25/21 14:41	10
Chloromethane	ND		5.0	1.1	ppb v/v			02/25/21 14:41	10
Vinyl chloride	ND		0.78	0.44	ppb v/v			02/25/21 14:41	10
Bromomethane	ND		2.0	0.51	ppb v/v			02/25/21 14:41	10
Chloroethane	ND		5.0	0.54	ppb v/v			02/25/21 14:41	10
Trichlorofluoromethane	ND		2.0	0.60	ppb v/v			02/25/21 14:41	10
1,1,2-Trichlorotrifluoroethane	ND		2.0	0.38	ppb v/v			02/25/21 14:41	10
1,1-Dichloroethene	ND		0.50	0.39	ppb v/v			02/25/21 14:41	10
Acetone	**60**		50	12	ppb v/v			02/25/21 14:41	10
Carbon disulfide	**2.8**	**J**	5.0	0.74	ppb v/v			02/25/21 14:41	10
Methylene Chloride	ND		5.0	2.7	ppb v/v			02/25/21 14:41	10
Methyl tert-butyl ether	ND		2.0	0.33	ppb v/v			02/25/21 14:41	10
trans-1,2-Dichloroethene	ND		2.0	0.42	ppb v/v			02/25/21 14:41	10
1,1-Dichloroethane	ND		2.0	0.41	ppb v/v			02/25/21 14:41	10
Methyl Ethyl Ketone (2-Butanone)	**3.2**	**J**	5.0	0.72	ppb v/v			02/25/21 14:41	10
cis-1,2-Dichloroethene	ND		0.50	0.45	ppb v/v			02/25/21 14:41	10
Chloroform	**68**		2.0	0.32	ppb v/v			02/25/21 14:41	10
1,1,1-Trichloroethane	ND		2.0	0.36	ppb v/v			02/25/21 14:41	10
Cyclohexane	**28**		2.0	0.46	ppb v/v			02/25/21 14:41	10
Carbon tetrachloride	ND		0.35	0.24	ppb v/v			02/25/21 14:41	10
Benzene	**13**		2.0	0.67	ppb v/v			02/25/21 14:41	10
1,2-Dichloroethane	ND		2.0	0.32	ppb v/v			02/25/21 14:41	10
Trichloroethene	**1.1**		0.37	0.35	ppb v/v			02/25/21 14:41	10
1,2-Dichloropropane	ND		2.0	0.33	ppb v/v			02/25/21 14:41	10
Bromodichloromethane	ND		2.0	0.35	ppb v/v			02/25/21 14:41	10
cis-1,3-Dichloropropene	ND		2.0	0.32	ppb v/v			02/25/21 14:41	10
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		5.0	0.36	ppb v/v			02/25/21 14:41	10
Toluene	**26**		2.0	1.1	ppb v/v			02/25/21 14:41	10
trans-1,3-Dichloropropene	ND		2.0	0.39	ppb v/v			02/25/21 14:41	10
1,1,2-Trichloroethane	ND		2.0	0.36	ppb v/v			02/25/21 14:41	10
Tetrachloroethene	**2.9**		2.0	0.33	ppb v/v			02/25/21 14:41	10
Methyl Butyl Ketone (2-Hexanone)	ND		5.0	0.48	ppb v/v			02/25/21 14:41	10
Dibromochloromethane	ND		2.0	0.36	ppb v/v			02/25/21 14:41	10
1,2-Dibromoethane	ND		2.0	0.49	ppb v/v			02/25/21 14:41	10
Chlorobenzene	ND		2.0	0.56	ppb v/v			02/25/21 14:41	10
Ethylbenzene	**2.4**		2.0	0.63	ppb v/v			02/25/21 14:41	10
m,p-Xylene	**21**		5.0	1.0	ppb v/v			02/25/21 14:41	10
o-Xylene	**5.4**		2.0	0.48	ppb v/v			02/25/21 14:41	10
Xylene (total)	**26**		7.0	0.48	ppb v/v			02/25/21 14:41	10
Styrene	ND		2.0	0.40	ppb v/v			02/25/21 14:41	10
Bromoform	ND		2.0	0.48	ppb v/v			02/25/21 14:41	10
Isopropylbenzene (cumene)	**0.46**	**J**	2.0	0.35	ppb v/v			02/25/21 14:41	10
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ppb v/v			02/25/21 14:41	10
1,3-Dichlorobenzene	ND		2.0	1.1	ppb v/v			02/25/21 14:41	10
1,4-Dichlorobenzene	ND		2.0	1.2	ppb v/v			02/25/21 14:41	10
1,2-Dichlorobenzene	ND		2.0	0.97	ppb v/v			02/25/21 14:41	10
1,2,4-Trichlorobenzene	ND		5.0	2.2	ppb v/v			02/25/21 14:41	10

Client Sample ID: HH37-IA-021621-1045

Lab Sample ID: 200-57323-9

Date Collected: 02/16/21 17:45
Matrix: Air
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**3.3**	**J *3**	4.9	1.1	ug/m3			02/25/21 19:06	2
Dichlorodifluoromethane	ND	*3	25	5.4	ug/m3			02/25/21 19:59	10
Chloromethane	**1.8**	**J *3**	2.1	0.45	ug/m3			02/25/21 19:06	2
Chloromethane	ND	*3	10	2.3	ug/m3			02/25/21 19:59	10
Vinyl chloride	ND	*3	0.40	0.22	ug/m3			02/25/21 19:06	2
Vinyl chloride	ND	*3	2.0	1.1	ug/m3			02/25/21 19:59	10
Bromomethane	ND	*3	1.6	0.40	ug/m3			02/25/21 19:06	2
Bromomethane	ND	*3	7.8	2.0	ug/m3			02/25/21 19:59	10
Chloroethane	ND	*3	2.6	0.28	ug/m3			02/25/21 19:06	2
Chloroethane	ND	*3	13	1.4	ug/m3			02/25/21 19:59	10
Trichlorofluoromethane	**2.4**	***3**	2.2	0.67	ug/m3			02/25/21 19:06	2
Trichlorofluoromethane	ND	*3	11	3.4	ug/m3			02/25/21 19:59	10
1,1,2-Trichlorotrifluoroethane	**0.64**	**J *3**	3.1	0.58	ug/m3			02/25/21 19:06	2
1,1,2-Trichlorotrifluoroethane	ND	*3	15	2.9	ug/m3			02/25/21 19:59	10
1,1-Dichloroethene	ND	*3	0.40	0.31	ug/m3			02/25/21 19:06	2
1,1-Dichloroethene	ND	*3	2.0	1.5	ug/m3			02/25/21 19:59	10
Acetone	**20**	**J *3**	24	5.7	ug/m3			02/25/21 19:06	2
Acetone	ND	*3	120	29	ug/m3			02/25/21 19:59	10
Carbon disulfide	ND	*3	3.1	0.46	ug/m3			02/25/21 19:06	2
Carbon disulfide	ND	*3	16	2.3	ug/m3			02/25/21 19:59	10
Methylene Chloride	ND	*3	3.5	1.9	ug/m3			02/25/21 19:06	2
Methylene Chloride	ND	*3	17	9.4	ug/m3			02/25/21 19:59	10
Methyl tert-butyl ether	ND	*3	1.4	0.24	ug/m3			02/25/21 19:06	2
Methyl tert-butyl ether	ND	*3	7.2	1.2	ug/m3			02/25/21 19:59	10
trans-1,2-Dichloroethene	ND	*3	1.6	0.33	ug/m3			02/25/21 19:06	2
trans-1,2-Dichloroethene	ND	*3	7.9	1.7	ug/m3			02/25/21 19:59	10
1,1-Dichloroethane	ND	*3	1.6	0.33	ug/m3			02/25/21 19:06	2
1,1-Dichloroethane	ND	*3	8.1	1.7	ug/m3			02/25/21 19:59	10
Methyl Ethyl Ketone (2-Butanone)	**3.3**	***3**	2.9	0.42	ug/m3			02/25/21 19:06	2
Methyl Ethyl Ketone (2-Butanone)	ND	*3	15	2.1	ug/m3			02/25/21 19:59	10
cis-1,2-Dichloroethene	**0.36**	**J *3**	0.40	0.36	ug/m3			02/25/21 19:06	2
cis-1,2-Dichloroethene	ND	*3	2.0	1.8	ug/m3			02/25/21 19:59	10
Chloroform	**1.1**	**J *3**	2.0	0.31	ug/m3			02/25/21 19:06	2
Chloroform	ND	*3	9.8	1.6	ug/m3			02/25/21 19:59	10
1,1,1-Trichloroethane	ND		2.2	0.39	ug/m3			02/25/21 19:06	2
1,1,1-Trichloroethane	ND	*3	11	2.0	ug/m3			02/25/21 19:59	10
Cyclohexane	**0.35**	**J**	1.4	0.32	ug/m3			02/25/21 19:06	2
Cyclohexane	ND	*3	6.9	1.6	ug/m3			02/25/21 19:59	10
Carbon tetrachloride	**0.36**	**J**	0.44	0.30	ug/m3			02/25/21 19:06	2
Carbon tetrachloride	ND	*3	2.2	1.5	ug/m3			02/25/21 19:59	10
Benzene	**1.0**	**J**	1.3	0.43	ug/m3			02/25/21 19:06	2
Benzene	ND	*3	6.4	2.1	ug/m3			02/25/21 19:59	10
1,2-Dichloroethane	ND		1.6	0.26	ug/m3			02/25/21 19:06	2
1,2-Dichloroethane	ND	*3	8.1	1.3	ug/m3			02/25/21 19:59	10
Trichloroethene	**0.82**		0.40	0.38	ug/m3			02/25/21 19:06	2
Trichloroethene	ND	*3	2.0	1.9	ug/m3			02/25/21 19:59	10
1,2-Dichloropropane	ND		1.8	0.31	ug/m3			02/25/21 19:06	2
1,2-Dichloropropane	ND	*3	9.2	1.5	ug/m3			02/25/21 19:59	10

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: HH37-IA-021621-1045
Date Collected: 02/16/21 17:45
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-9
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		2.7	0.47	ug/m3			02/25/21 19:06	2
Bromodichloromethane	ND	*3	13	2.3	ug/m3			02/25/21 19:59	10
cis-1,3-Dichloropropene	ND		1.8	0.29	ug/m3			02/25/21 19:06	2
cis-1,3-Dichloropropene	ND	*3	9.1	1.5	ug/m3			02/25/21 19:59	10
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		4.1	0.29	ug/m3			02/25/21 19:06	2
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	*3	20	1.5	ug/m3			02/25/21 19:59	10
Toluene	**2.5**		1.5	0.83	ug/m3			02/25/21 19:06	2
Toluene	ND		7.5	4.1	ug/m3			02/25/21 19:59	10
trans-1,3-Dichloropropene	ND		1.8	0.35	ug/m3			02/25/21 19:06	2
trans-1,3-Dichloropropene	ND	*3	9.1	1.8	ug/m3			02/25/21 19:59	10
1,1,2-Trichloroethane	ND		2.2	0.39	ug/m3			02/25/21 19:06	2
1,1,2-Trichloroethane	ND		11	2.0	ug/m3			02/25/21 19:59	10
Tetrachloroethene	**0.51**	**J**	2.7	0.45	ug/m3			02/25/21 19:06	2
Tetrachloroethene	ND		14	2.2	ug/m3			02/25/21 19:59	10
Methyl Butyl Ketone (2-Hexanone)	ND		4.1	0.39	ug/m3			02/25/21 19:06	2
Methyl Butyl Ketone (2-Hexanone)	ND		20	2.0	ug/m3			02/25/21 19:59	10
Dibromochloromethane	ND		3.4	0.61	ug/m3			02/25/21 19:06	2
Dibromochloromethane	ND		17	3.1	ug/m3			02/25/21 19:59	10
1,2-Dibromoethane	ND		3.1	0.75	ug/m3			02/25/21 19:06	2
1,2-Dibromoethane	ND		15	3.8	ug/m3			02/25/21 19:59	10
Chlorobenzene	ND		1.8	0.52	ug/m3			02/25/21 19:06	2
Chlorobenzene	ND		9.2	2.6	ug/m3			02/25/21 19:59	10
Ethylbenzene	ND		1.7	0.55	ug/m3			02/25/21 19:06	2
Ethylbenzene	ND		8.7	2.7	ug/m3			02/25/21 19:59	10
m,p-Xylene	**2.4**	**J**	4.3	0.87	ug/m3			02/25/21 19:06	2
m,p-Xylene	ND		22	4.3	ug/m3			02/25/21 19:59	10
o-Xylene	**6.9**		1.7	0.42	ug/m3			02/25/21 19:06	2
o-Xylene	**6.8**	**J**	8.7	2.1	ug/m3			02/25/21 19:59	10
Xylene (total)	**9.3**		6.1	0.42	ug/m3			02/25/21 19:06	2
Xylene (total)	**6.8**	**J**	30	2.1	ug/m3			02/25/21 19:59	10
Styrene	**2.1**		1.7	0.34	ug/m3			02/25/21 19:06	2
Styrene	**2.1**	**J**	8.5	1.7	ug/m3			02/25/21 19:59	10
Bromoform	ND		4.1	0.99	ug/m3			02/25/21 19:06	2
Bromoform	ND		21	5.0	ug/m3			02/25/21 19:59	10
Isopropylbenzene (cumene)	**13**		2.0	0.34	ug/m3			02/25/21 19:06	2
Isopropylbenzene (cumene)	**14**		9.8	1.7	ug/m3			02/25/21 19:59	10
1,1,2,2-Tetrachloroethane	ND		2.7	0.58	ug/m3			02/25/21 19:06	2
1,1,2,2-Tetrachloroethane	ND		14	2.9	ug/m3			02/25/21 19:59	10
1,3-Dichlorobenzene	ND		2.4	1.3	ug/m3			02/25/21 19:06	2
1,3-Dichlorobenzene	ND		12	6.6	ug/m3			02/25/21 19:59	10
1,4-Dichlorobenzene	ND		2.4	1.4	ug/m3			02/25/21 19:06	2
1,4-Dichlorobenzene	ND		12	7.2	ug/m3			02/25/21 19:59	10
1,2-Dichlorobenzene	ND		2.4	1.2	ug/m3			02/25/21 19:06	2
1,2-Dichlorobenzene	ND		12	5.8	ug/m3			02/25/21 19:59	10
1,2,4-Trichlorobenzene	ND		7.4	3.3	ug/m3			02/25/21 19:06	2
1,2,4-Trichlorobenzene	ND		37	16	ug/m3			02/25/21 19:59	10

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: HH37-IA-021621-1045
Date Collected: 02/16/21 17:45
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-9
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.66**	**J *3**	1.0	0.22	ppb v/v			02/25/21 19:06	2
Dichlorodifluoromethane	ND	*3	5.0	1.1	ppb v/v			02/25/21 19:59	10
Chloromethane	**0.88**	**J *3**	1.0	0.22	ppb v/v			02/25/21 19:06	2
Chloromethane	ND	*3	5.0	1.1	ppb v/v			02/25/21 19:59	10
Vinyl chloride	ND	*3	0.16	0.088	ppb v/v			02/25/21 19:06	2
Vinyl chloride	ND	*3	0.78	0.44	ppb v/v			02/25/21 19:59	10
Bromomethane	ND	*3	0.40	0.10	ppb v/v			02/25/21 19:06	2
Bromomethane	ND	*3	2.0	0.51	ppb v/v			02/25/21 19:59	10
Chloroethane	ND	*3	1.0	0.11	ppb v/v			02/25/21 19:06	2
Chloroethane	ND	*3	5.0	0.54	ppb v/v			02/25/21 19:59	10
Trichlorofluoromethane	**0.43**	***3**	0.40	0.12	ppb v/v			02/25/21 19:06	2
Trichlorofluoromethane	ND	*3	2.0	0.60	ppb v/v			02/25/21 19:59	10
1,1,2-Trichlorotrifluoroethane	**0.084**	**J *3**	0.40	0.076	ppb v/v			02/25/21 19:06	2
1,1,2-Trichlorotrifluoroethane	ND	*3	2.0	0.38	ppb v/v			02/25/21 19:59	10
1,1-Dichloroethene	ND	*3	0.10	0.078	ppb v/v			02/25/21 19:06	2
1,1-Dichloroethene	ND	*3	0.50	0.39	ppb v/v			02/25/21 19:59	10
Acetone	**8.2**	**J *3**	10	2.4	ppb v/v			02/25/21 19:06	2
Acetone	ND	*3	50	12	ppb v/v			02/25/21 19:59	10
Carbon disulfide	ND	*3	1.0	0.15	ppb v/v			02/25/21 19:06	2
Carbon disulfide	ND	*3	5.0	0.74	ppb v/v			02/25/21 19:59	10
Methylene Chloride	ND	*3	1.0	0.54	ppb v/v			02/25/21 19:06	2
Methylene Chloride	ND	*3	5.0	2.7	ppb v/v			02/25/21 19:59	10
Methyl tert-butyl ether	ND	*3	0.40	0.066	ppb v/v			02/25/21 19:06	2
Methyl tert-butyl ether	ND	*3	2.0	0.33	ppb v/v			02/25/21 19:59	10
trans-1,2-Dichloroethene	ND	*3	0.40	0.084	ppb v/v			02/25/21 19:06	2
trans-1,2-Dichloroethene	ND	*3	2.0	0.42	ppb v/v			02/25/21 19:59	10
1,1-Dichloroethane	ND	*3	0.40	0.082	ppb v/v			02/25/21 19:06	2
1,1-Dichloroethane	ND	*3	2.0	0.41	ppb v/v			02/25/21 19:59	10
Methyl Ethyl Ketone (2-Butanone)	**1.1**	***3**	1.0	0.14	ppb v/v			02/25/21 19:06	2
Methyl Ethyl Ketone (2-Butanone)	ND	*3	5.0	0.72	ppb v/v			02/25/21 19:59	10
cis-1,2-Dichloroethene	**0.091**	**J *3**	0.10	0.090	ppb v/v			02/25/21 19:06	2
cis-1,2-Dichloroethene	ND	*3	0.50	0.45	ppb v/v			02/25/21 19:59	10
Chloroform	**0.22**	**J *3**	0.40	0.064	ppb v/v			02/25/21 19:06	2
Chloroform	ND	*3	2.0	0.32	ppb v/v			02/25/21 19:59	10
1,1,1-Trichloroethane	ND		0.40	0.072	ppb v/v			02/25/21 19:06	2
1,1,1-Trichloroethane	ND	*3	2.0	0.36	ppb v/v			02/25/21 19:59	10
Cyclohexane	**0.10**	**J**	0.40	0.092	ppb v/v			02/25/21 19:06	2
Cyclohexane	ND	*3	2.0	0.46	ppb v/v			02/25/21 19:59	10
Carbon tetrachloride	**0.058**	**J**	0.070	0.048	ppb v/v			02/25/21 19:06	2
Carbon tetrachloride	ND	*3	0.35	0.24	ppb v/v			02/25/21 19:59	10
Benzene	**0.33**	**J**	0.40	0.13	ppb v/v			02/25/21 19:06	2
Benzene	ND	*3	2.0	0.67	ppb v/v			02/25/21 19:59	10
1,2-Dichloroethane	ND		0.40	0.064	ppb v/v			02/25/21 19:06	2
1,2-Dichloroethane	ND	*3	2.0	0.32	ppb v/v			02/25/21 19:59	10
Trichloroethene	**0.15**		0.074	0.070	ppb v/v			02/25/21 19:06	2
Trichloroethene	ND	*3	0.37	0.35	ppb v/v			02/25/21 19:59	10
1,2-Dichloropropane	ND		0.40	0.066	ppb v/v			02/25/21 19:06	2
1,2-Dichloropropane	ND	*3	2.0	0.33	ppb v/v			02/25/21 19:59	10
Bromodichloromethane	ND		0.40	0.070	ppb v/v			02/25/21 19:06	2

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: HH37-IA-021621-1045
Date Collected: 02/16/21 17:45
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-9
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND	*3	2.0	0.35	ppb v/v			02/25/21 19:59	10
cis-1,3-Dichloropropene	ND		0.40	0.064	ppb v/v			02/25/21 19:06	2
cis-1,3-Dichloropropene	ND	*3	2.0	0.32	ppb v/v			02/25/21 19:59	10
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		1.0	0.072	ppb v/v			02/25/21 19:06	2
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	*3	5.0	0.36	ppb v/v			02/25/21 19:59	10
Toluene	**0.68**		0.40	0.22	ppb v/v			02/25/21 19:06	2
Toluene	ND		2.0	1.1	ppb v/v			02/25/21 19:59	10
trans-1,3-Dichloropropene	ND		0.40	0.078	ppb v/v			02/25/21 19:06	2
trans-1,3-Dichloropropene	ND	*3	2.0	0.39	ppb v/v			02/25/21 19:59	10
1,1,2-Trichloroethane	ND		0.40	0.072	ppb v/v			02/25/21 19:06	2
1,1,2-Trichloroethane	ND		2.0	0.36	ppb v/v			02/25/21 19:59	10
Tetrachloroethene	**0.075**	**J**	0.40	0.066	ppb v/v			02/25/21 19:06	2
Tetrachloroethene	ND		2.0	0.33	ppb v/v			02/25/21 19:59	10
Methyl Butyl Ketone (2-Hexanone)	ND		1.0	0.096	ppb v/v			02/25/21 19:06	2
Methyl Butyl Ketone (2-Hexanone)	ND		5.0	0.48	ppb v/v			02/25/21 19:59	10
Dibromochloromethane	ND		0.40	0.072	ppb v/v			02/25/21 19:06	2
Dibromochloromethane	ND		2.0	0.36	ppb v/v			02/25/21 19:59	10
1,2-Dibromoethane	ND		0.40	0.098	ppb v/v			02/25/21 19:06	2
1,2-Dibromoethane	ND		2.0	0.49	ppb v/v			02/25/21 19:59	10
Chlorobenzene	ND		0.40	0.11	ppb v/v			02/25/21 19:06	2
Chlorobenzene	ND		2.0	0.56	ppb v/v			02/25/21 19:59	10
Ethylbenzene	ND		0.40	0.13	ppb v/v			02/25/21 19:06	2
Ethylbenzene	ND		2.0	0.63	ppb v/v			02/25/21 19:59	10
m,p-Xylene	**0.55**	**J**	1.0	0.20	ppb v/v			02/25/21 19:06	2
m,p-Xylene	ND		5.0	1.0	ppb v/v			02/25/21 19:59	10
o-Xylene	**1.6**		0.40	0.096	ppb v/v			02/25/21 19:06	2
o-Xylene	**1.6**	**J**	2.0	0.48	ppb v/v			02/25/21 19:59	10
Xylene (total)	**2.1**		1.4	0.096	ppb v/v			02/25/21 19:06	2
Xylene (total)	**1.6**	**J**	7.0	0.48	ppb v/v			02/25/21 19:59	10
Styrene	**0.50**		0.40	0.080	ppb v/v			02/25/21 19:06	2
Styrene	**0.50**	**J**	2.0	0.40	ppb v/v			02/25/21 19:59	10
Bromoform	ND		0.40	0.096	ppb v/v			02/25/21 19:06	2
Bromoform	ND		2.0	0.48	ppb v/v			02/25/21 19:59	10
Isopropylbenzene (cumene)	**2.6**		0.40	0.070	ppb v/v			02/25/21 19:06	2
Isopropylbenzene (cumene)	**2.8**		2.0	0.35	ppb v/v			02/25/21 19:59	10
1,1,2,2-Tetrachloroethane	ND		0.40	0.084	ppb v/v			02/25/21 19:06	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ppb v/v			02/25/21 19:59	10
1,3-Dichlorobenzene	ND		0.40	0.22	ppb v/v			02/25/21 19:06	2
1,3-Dichlorobenzene	ND		2.0	1.1	ppb v/v			02/25/21 19:59	10
1,4-Dichlorobenzene	ND		0.40	0.24	ppb v/v			02/25/21 19:06	2
1,4-Dichlorobenzene	ND		2.0	1.2	ppb v/v			02/25/21 19:59	10
1,2-Dichlorobenzene	ND		0.40	0.19	ppb v/v			02/25/21 19:06	2
1,2-Dichlorobenzene	ND		2.0	0.97	ppb v/v			02/25/21 19:59	10
1,2,4-Trichlorobenzene	ND		1.0	0.44	ppb v/v			02/25/21 19:06	2
1,2,4-Trichlorobenzene	ND		5.0	2.2	ppb v/v			02/25/21 19:59	10

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: AA3-021821-1020
Date Collected: 02/18/21 18:20
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-10
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.1**	**J**	2.5	0.54	ug/m3			02/25/21 20:52	1
Chloromethane	**1.4**		1.0	0.23	ug/m3			02/25/21 20:52	1
Vinyl chloride	**1.8**		0.20	0.11	ug/m3			02/25/21 20:52	1
Bromomethane	ND		0.78	0.20	ug/m3			02/25/21 20:52	1
Chloroethane	ND		1.3	0.14	ug/m3			02/25/21 20:52	1
Trichlorofluoromethane	**1.6**		1.1	0.34	ug/m3			02/25/21 20:52	1
1,1,2-Trichlorotrifluoroethane	**0.70**	**J**	1.5	0.29	ug/m3			02/25/21 20:52	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/25/21 20:52	1
Acetone	**4.7**	**J**	12	2.9	ug/m3			02/25/21 20:52	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/25/21 20:52	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/25/21 20:52	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/25/21 20:52	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/25/21 20:52	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/25/21 20:52	1
Methyl Ethyl Ketone (2-Butanone)	**0.90**	**J**	1.5	0.21	ug/m3			02/25/21 20:52	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/25/21 20:52	1
Chloroform	ND		0.98	0.16	ug/m3			02/25/21 20:52	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 20:52	1
Cyclohexane	ND		0.69	0.16	ug/m3			02/25/21 20:52	1
Carbon tetrachloride	**0.45**		0.22	0.15	ug/m3			02/25/21 20:52	1
Benzene	**0.61**	**J**	0.64	0.21	ug/m3			02/25/21 20:52	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/25/21 20:52	1
Trichloroethene	ND		0.20	0.19	ug/m3			02/25/21 20:52	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/25/21 20:52	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/25/21 20:52	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/25/21 20:52	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/25/21 20:52	1
Toluene	**0.72**	**J**	0.75	0.41	ug/m3			02/25/21 20:52	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/25/21 20:52	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 20:52	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/25/21 20:52	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/25/21 20:52	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/25/21 20:52	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/25/21 20:52	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/25/21 20:52	1
Ethylbenzene	ND		0.87	0.27	ug/m3			02/25/21 20:52	1
m,p-Xylene	**0.43**	**J**	2.2	0.43	ug/m3			02/25/21 20:52	1
o-Xylene	ND		0.87	0.21	ug/m3			02/25/21 20:52	1
Xylene (total)	**0.43**	**J**	3.0	0.21	ug/m3			02/25/21 20:52	1
Styrene	ND		0.85	0.17	ug/m3			02/25/21 20:52	1
Bromoform	ND		2.1	0.50	ug/m3			02/25/21 20:52	1
Isopropylbenzene (cumene)	ND		0.98	0.17	ug/m3			02/25/21 20:52	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/25/21 20:52	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/25/21 20:52	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/25/21 20:52	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/25/21 20:52	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/25/21 20:52	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: AA3-021821-1020
Date Collected: 02/18/21 18:20
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-10
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.43**	**J**	0.50	0.11	ppb v/v			02/25/21 20:52	1
Chloromethane	**0.70**		0.50	0.11	ppb v/v			02/25/21 20:52	1
Vinyl chloride	**0.70**		0.078	0.044	ppb v/v			02/25/21 20:52	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/25/21 20:52	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/25/21 20:52	1
Trichlorofluoromethane	**0.28**		0.20	0.060	ppb v/v			02/25/21 20:52	1
1,1,2-Trichlorotrifluoroethane	**0.092**	**J**	0.20	0.038	ppb v/v			02/25/21 20:52	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/25/21 20:52	1
Acetone	**2.0**	**J**	5.0	1.2	ppb v/v			02/25/21 20:52	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/25/21 20:52	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/25/21 20:52	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/25/21 20:52	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/25/21 20:52	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/25/21 20:52	1
Methyl Ethyl Ketone (2-Butanone)	**0.31**	**J**	0.50	0.072	ppb v/v			02/25/21 20:52	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/25/21 20:52	1
Chloroform	ND		0.20	0.032	ppb v/v			02/25/21 20:52	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 20:52	1
Cyclohexane	ND		0.20	0.046	ppb v/v			02/25/21 20:52	1
Carbon tetrachloride	**0.071**		0.035	0.024	ppb v/v			02/25/21 20:52	1
Benzene	**0.19**	**J**	0.20	0.067	ppb v/v			02/25/21 20:52	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/25/21 20:52	1
Trichloroethene	ND		0.037	0.035	ppb v/v			02/25/21 20:52	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/25/21 20:52	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/25/21 20:52	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/25/21 20:52	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/25/21 20:52	1
Toluene	**0.19**	**J**	0.20	0.11	ppb v/v			02/25/21 20:52	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/25/21 20:52	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 20:52	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/25/21 20:52	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/25/21 20:52	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/25/21 20:52	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/25/21 20:52	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/25/21 20:52	1
Ethylbenzene	ND		0.20	0.063	ppb v/v			02/25/21 20:52	1
m,p-Xylene	**0.098**	**J**	0.50	0.10	ppb v/v			02/25/21 20:52	1
o-Xylene	ND		0.20	0.048	ppb v/v			02/25/21 20:52	1
Xylene (total)	**0.099**	**J**	0.70	0.048	ppb v/v			02/25/21 20:52	1
Styrene	ND		0.20	0.040	ppb v/v			02/25/21 20:52	1
Bromoform	ND		0.20	0.048	ppb v/v			02/25/21 20:52	1
Isopropylbenzene (cumene)	ND		0.20	0.035	ppb v/v			02/25/21 20:52	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/25/21 20:52	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/25/21 20:52	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/25/21 20:52	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/25/21 20:52	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/25/21 20:52	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: YF25-SV-021721-0830
Date Collected: 02/17/21 15:35
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-11
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**5.7**		2.5	0.54	ug/m3			02/25/21 21:44	1
Chloromethane	**0.91**	**J**	1.0	0.23	ug/m3			02/25/21 21:44	1
Vinyl chloride	**4.6**		0.20	0.11	ug/m3			02/25/21 21:44	1
Bromomethane	ND		0.78	0.20	ug/m3			02/25/21 21:44	1
Chloroethane	ND		1.3	0.14	ug/m3			02/25/21 21:44	1
Trichlorofluoromethane	**1.7**		1.1	0.34	ug/m3			02/25/21 21:44	1
1,1,2-Trichlorotrifluoroethane	ND		1.5	0.29	ug/m3			02/25/21 21:44	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/25/21 21:44	1
Acetone	**130**	**E**	12	2.9	ug/m3			02/25/21 21:44	1
Carbon disulfide	**0.63**	**J**	1.6	0.23	ug/m3			02/25/21 21:44	1
Methylene Chloride	**19**		1.7	0.94	ug/m3			02/25/21 21:44	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/25/21 21:44	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/25/21 21:44	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/25/21 21:44	1
Methyl Ethyl Ketone (2-Butanone)	**5.5**		1.5	0.21	ug/m3			02/25/21 21:44	1
cis-1,2-Dichloroethene	**0.30**		0.20	0.18	ug/m3			02/25/21 21:44	1
Chloroform	ND		0.98	0.16	ug/m3			02/25/21 21:44	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 21:44	1
Cyclohexane	**1.0**		0.69	0.16	ug/m3			02/25/21 21:44	1
Carbon tetrachloride	**0.48**		0.22	0.15	ug/m3			02/25/21 21:44	1
Benzene	**1.2**		0.64	0.21	ug/m3			02/25/21 21:44	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/25/21 21:44	1
Trichloroethene	**0.24**		0.20	0.19	ug/m3			02/25/21 21:44	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/25/21 21:44	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/25/21 21:44	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/25/21 21:44	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/25/21 21:44	1
Toluene	**4.3**		0.75	0.41	ug/m3			02/25/21 21:44	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/25/21 21:44	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 21:44	1
Tetrachloroethene	**3.0**		1.4	0.22	ug/m3			02/25/21 21:44	1
Methyl Butyl Ketone (2-Hexanone)	**0.20**	**J**	2.0	0.20	ug/m3			02/25/21 21:44	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/25/21 21:44	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/25/21 21:44	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/25/21 21:44	1
Ethylbenzene	**1.2**		0.87	0.27	ug/m3			02/25/21 21:44	1
m,p-Xylene	**6.9**		2.2	0.43	ug/m3			02/25/21 21:44	1
o-Xylene	**1.9**		0.87	0.21	ug/m3			02/25/21 21:44	1
Xylene (total)	**8.8**		3.0	0.21	ug/m3			02/25/21 21:44	1
Styrene	**0.35**	**J**	0.85	0.17	ug/m3			02/25/21 21:44	1
Bromoform	ND		2.1	0.50	ug/m3			02/25/21 21:44	1
Isopropylbenzene (cumene)	**0.50**	**J**	0.98	0.17	ug/m3			02/25/21 21:44	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/25/21 21:44	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/25/21 21:44	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/25/21 21:44	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/25/21 21:44	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/25/21 21:44	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: YF25-SV-021721-0830
Date Collected: 02/17/21 15:35
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-11
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**1.2**		0.50	0.11	ppb v/v			02/25/21 21:44	1
Chloromethane	**0.44**	**J**	0.50	0.11	ppb v/v			02/25/21 21:44	1
Vinyl chloride	**1.8**		0.078	0.044	ppb v/v			02/25/21 21:44	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/25/21 21:44	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/25/21 21:44	1
Trichlorofluoromethane	**0.30**		0.20	0.060	ppb v/v			02/25/21 21:44	1
1,1,2-Trichlorotrifluoroethane	ND		0.20	0.038	ppb v/v			02/25/21 21:44	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/25/21 21:44	1
Acetone	**56**	**E**	5.0	1.2	ppb v/v			02/25/21 21:44	1
Carbon disulfide	**0.20**	**J**	0.50	0.074	ppb v/v			02/25/21 21:44	1
Methylene Chloride	**5.6**		0.50	0.27	ppb v/v			02/25/21 21:44	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/25/21 21:44	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/25/21 21:44	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/25/21 21:44	1
Methyl Ethyl Ketone (2-Butanone)	**1.9**		0.50	0.072	ppb v/v			02/25/21 21:44	1
cis-1,2-Dichloroethene	**0.075**		0.050	0.045	ppb v/v			02/25/21 21:44	1
Chloroform	ND		0.20	0.032	ppb v/v			02/25/21 21:44	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 21:44	1
Cyclohexane	**0.30**		0.20	0.046	ppb v/v			02/25/21 21:44	1
Carbon tetrachloride	**0.077**		0.035	0.024	ppb v/v			02/25/21 21:44	1
Benzene	**0.36**		0.20	0.067	ppb v/v			02/25/21 21:44	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/25/21 21:44	1
Trichloroethene	**0.045**		0.037	0.035	ppb v/v			02/25/21 21:44	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/25/21 21:44	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/25/21 21:44	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/25/21 21:44	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/25/21 21:44	1
Toluene	**1.1**		0.20	0.11	ppb v/v			02/25/21 21:44	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/25/21 21:44	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 21:44	1
Tetrachloroethene	**0.44**		0.20	0.033	ppb v/v			02/25/21 21:44	1
Methyl Butyl Ketone (2-Hexanone)	**0.048**	**J**	0.50	0.048	ppb v/v			02/25/21 21:44	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/25/21 21:44	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/25/21 21:44	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/25/21 21:44	1
Ethylbenzene	**0.28**		0.20	0.063	ppb v/v			02/25/21 21:44	1
m,p-Xylene	**1.6**		0.50	0.10	ppb v/v			02/25/21 21:44	1
o-Xylene	**0.44**		0.20	0.048	ppb v/v			02/25/21 21:44	1
Xylene (total)	**2.0**		0.70	0.048	ppb v/v			02/25/21 21:44	1
Styrene	**0.083**	**J**	0.20	0.040	ppb v/v			02/25/21 21:44	1
Bromoform	ND		0.20	0.048	ppb v/v			02/25/21 21:44	1
Isopropylbenzene (cumene)	**0.10**	**J**	0.20	0.035	ppb v/v			02/25/21 21:44	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/25/21 21:44	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/25/21 21:44	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/25/21 21:44	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/25/21 21:44	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/25/21 21:44	1

Client Sample ID: YF25-SV-021721-0830
Lab Sample ID: 200-57323-11

Date Collected: 02/17/21 15:35
Matrix: Air
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**6.1**		4.9	1.1	ug/m3			02/25/21 22:37	2
Chloromethane	**0.82**	**J**	2.1	0.45	ug/m3			02/25/21 22:37	2
Vinyl chloride	**4.2**		0.40	0.22	ug/m3			02/25/21 22:37	2
Bromomethane	ND		1.6	0.40	ug/m3			02/25/21 22:37	2
Chloroethane	ND		2.6	0.28	ug/m3			02/25/21 22:37	2
Trichlorofluoromethane	**1.5**	**J**	2.2	0.67	ug/m3			02/25/21 22:37	2
1,1,2-Trichlorotrifluoroethane	ND		3.1	0.58	ug/m3			02/25/21 22:37	2
1,1-Dichloroethene	ND		0.40	0.31	ug/m3			02/25/21 22:37	2
Acetone	**110**		24	5.7	ug/m3			02/25/21 22:37	2
Carbon disulfide	**0.53**	**J**	3.1	0.46	ug/m3			02/25/21 22:37	2
Methylene Chloride	**18**		3.5	1.9	ug/m3			02/25/21 22:37	2
Methyl tert-butyl ether	ND		1.4	0.24	ug/m3			02/25/21 22:37	2
trans-1,2-Dichloroethene	ND		1.6	0.33	ug/m3			02/25/21 22:37	2
1,1-Dichloroethane	ND		1.6	0.33	ug/m3			02/25/21 22:37	2
Methyl Ethyl Ketone (2-Butanone)	**4.8**		2.9	0.42	ug/m3			02/25/21 22:37	2
cis-1,2-Dichloroethene	ND		0.40	0.36	ug/m3			02/25/21 22:37	2
Chloroform	ND		2.0	0.31	ug/m3			02/25/21 22:37	2
1,1,1-Trichloroethane	ND		2.2	0.39	ug/m3			02/25/21 22:37	2
Cyclohexane	**0.89**	**J**	1.4	0.32	ug/m3			02/25/21 22:37	2
Carbon tetrachloride	**0.39**	**J**	0.44	0.30	ug/m3			02/25/21 22:37	2
Benzene	**1.1**	**J**	1.3	0.43	ug/m3			02/25/21 22:37	2
1,2-Dichloroethane	ND		1.6	0.26	ug/m3			02/25/21 22:37	2
Trichloroethene	ND		0.40	0.38	ug/m3			02/25/21 22:37	2
1,2-Dichloropropane	ND		1.8	0.31	ug/m3			02/25/21 22:37	2
Bromodichloromethane	ND		2.7	0.47	ug/m3			02/25/21 22:37	2
cis-1,3-Dichloropropene	ND		1.8	0.29	ug/m3			02/25/21 22:37	2
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		4.1	0.29	ug/m3			02/25/21 22:37	2
Toluene	**4.0**		1.5	0.83	ug/m3			02/25/21 22:37	2
trans-1,3-Dichloropropene	ND		1.8	0.35	ug/m3			02/25/21 22:37	2
1,1,2-Trichloroethane	ND		2.2	0.39	ug/m3			02/25/21 22:37	2
Tetrachloroethene	**2.8**		2.7	0.45	ug/m3			02/25/21 22:37	2
Methyl Butyl Ketone (2-Hexanone)	ND		4.1	0.39	ug/m3			02/25/21 22:37	2
Dibromochloromethane	ND		3.4	0.61	ug/m3			02/25/21 22:37	2
1,2-Dibromoethane	ND		3.1	0.75	ug/m3			02/25/21 22:37	2
Chlorobenzene	ND		1.8	0.52	ug/m3			02/25/21 22:37	2
Ethylbenzene	**1.1**	**J**	1.7	0.55	ug/m3			02/25/21 22:37	2
m,p-Xylene	**6.3**		4.3	0.87	ug/m3			02/25/21 22:37	2
o-Xylene	**1.7**		1.7	0.42	ug/m3			02/25/21 22:37	2
Xylene (total)	**8.0**		6.1	0.42	ug/m3			02/25/21 22:37	2
Styrene	ND		1.7	0.34	ug/m3			02/25/21 22:37	2
Bromoform	ND		4.1	0.99	ug/m3			02/25/21 22:37	2
Isopropylbenzene (cumene)	**0.46**	**J**	2.0	0.34	ug/m3			02/25/21 22:37	2
1,1,2,2-Tetrachloroethane	ND		2.7	0.58	ug/m3			02/25/21 22:37	2
1,3-Dichlorobenzene	ND		2.4	1.3	ug/m3			02/25/21 22:37	2
1,4-Dichlorobenzene	ND		2.4	1.4	ug/m3			02/25/21 22:37	2
1,2-Dichlorobenzene	ND		2.4	1.2	ug/m3			02/25/21 22:37	2
1,2,4-Trichlorobenzene	ND		7.4	3.3	ug/m3			02/25/21 22:37	2

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: YF25-SV-021721-0830
Date Collected: 02/17/21 15:35
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-11
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**1.2**		1.0	0.22	ppb v/v			02/25/21 22:37	2
Chloromethane	**0.40**	**J**	1.0	0.22	ppb v/v			02/25/21 22:37	2
Vinyl chloride	**1.7**		0.16	0.088	ppb v/v			02/25/21 22:37	2
Bromomethane	ND		0.40	0.10	ppb v/v			02/25/21 22:37	2
Chloroethane	ND		1.0	0.11	ppb v/v			02/25/21 22:37	2
Trichlorofluoromethane	**0.26**	**J**	0.40	0.12	ppb v/v			02/25/21 22:37	2
1,1,2-Trichlorotrifluoroethane	ND		0.40	0.076	ppb v/v			02/25/21 22:37	2
1,1-Dichloroethene	ND		0.10	0.078	ppb v/v			02/25/21 22:37	2
Acetone	**47**		10	2.4	ppb v/v			02/25/21 22:37	2
Carbon disulfide	**0.17**	**J**	1.0	0.15	ppb v/v			02/25/21 22:37	2
Methylene Chloride	**5.1**		1.0	0.54	ppb v/v			02/25/21 22:37	2
Methyl tert-butyl ether	ND		0.40	0.066	ppb v/v			02/25/21 22:37	2
trans-1,2-Dichloroethene	ND		0.40	0.084	ppb v/v			02/25/21 22:37	2
1,1-Dichloroethane	ND		0.40	0.082	ppb v/v			02/25/21 22:37	2
Methyl Ethyl Ketone (2-Butanone)	**1.6**		1.0	0.14	ppb v/v			02/25/21 22:37	2
cis-1,2-Dichloroethene	ND		0.10	0.090	ppb v/v			02/25/21 22:37	2
Chloroform	ND		0.40	0.064	ppb v/v			02/25/21 22:37	2
1,1,1-Trichloroethane	ND		0.40	0.072	ppb v/v			02/25/21 22:37	2
Cyclohexane	**0.26**	**J**	0.40	0.092	ppb v/v			02/25/21 22:37	2
Carbon tetrachloride	**0.062**	**J**	0.070	0.048	ppb v/v			02/25/21 22:37	2
Benzene	**0.36**	**J**	0.40	0.13	ppb v/v			02/25/21 22:37	2
1,2-Dichloroethane	ND		0.40	0.064	ppb v/v			02/25/21 22:37	2
Trichloroethene	ND		0.074	0.070	ppb v/v			02/25/21 22:37	2
1,2-Dichloropropane	ND		0.40	0.066	ppb v/v			02/25/21 22:37	2
Bromodichloromethane	ND		0.40	0.070	ppb v/v			02/25/21 22:37	2
cis-1,3-Dichloropropene	ND		0.40	0.064	ppb v/v			02/25/21 22:37	2
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		1.0	0.072	ppb v/v			02/25/21 22:37	2
Toluene	**1.1**		0.40	0.22	ppb v/v			02/25/21 22:37	2
trans-1,3-Dichloropropene	ND		0.40	0.078	ppb v/v			02/25/21 22:37	2
1,1,2-Trichloroethane	ND		0.40	0.072	ppb v/v			02/25/21 22:37	2
Tetrachloroethene	**0.41**		0.40	0.066	ppb v/v			02/25/21 22:37	2
Methyl Butyl Ketone (2-Hexanone)	ND		1.0	0.096	ppb v/v			02/25/21 22:37	2
Dibromochloromethane	ND		0.40	0.072	ppb v/v			02/25/21 22:37	2
1,2-Dibromoethane	ND		0.40	0.098	ppb v/v			02/25/21 22:37	2
Chlorobenzene	ND		0.40	0.11	ppb v/v			02/25/21 22:37	2
Ethylbenzene	**0.26**	**J**	0.40	0.13	ppb v/v			02/25/21 22:37	2
m,p-Xylene	**1.4**		1.0	0.20	ppb v/v			02/25/21 22:37	2
o-Xylene	**0.40**		0.40	0.096	ppb v/v			02/25/21 22:37	2
Xylene (total)	**1.8**		1.4	0.096	ppb v/v			02/25/21 22:37	2
Styrene	ND		0.40	0.080	ppb v/v			02/25/21 22:37	2
Bromoform	ND		0.40	0.096	ppb v/v			02/25/21 22:37	2
Isopropylbenzene (cumene)	**0.093**	**J**	0.40	0.070	ppb v/v			02/25/21 22:37	2
1,1,2,2-Tetrachloroethane	ND		0.40	0.084	ppb v/v			02/25/21 22:37	2
1,3-Dichlorobenzene	ND		0.40	0.22	ppb v/v			02/25/21 22:37	2
1,4-Dichlorobenzene	ND		0.40	0.24	ppb v/v			02/25/21 22:37	2
1,2-Dichlorobenzene	ND		0.40	0.19	ppb v/v			02/25/21 22:37	2
1,2,4-Trichlorobenzene	ND		1.0	0.44	ppb v/v			02/25/21 22:37	2

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: YF25-IA-021721-0830
Date Collected: 02/17/21 15:35
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-12
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**6.2**		2.5	0.54	ug/m3			02/25/21 15:34	1
Chloromethane	**1.3**		1.0	0.23	ug/m3			02/25/21 15:34	1
Vinyl chloride	**2.3**		0.20	0.11	ug/m3			02/25/21 15:34	1
Bromomethane	ND		0.78	0.20	ug/m3			02/25/21 15:34	1
Chloroethane	ND		1.3	0.14	ug/m3			02/25/21 15:34	1
Trichlorofluoromethane	**1.4**		1.1	0.34	ug/m3			02/25/21 15:34	1
1,1,2-Trichlorotrifluoroethane	**0.62**	**J**	1.5	0.29	ug/m3			02/25/21 15:34	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/25/21 15:34	1
Acetone	**16**		12	2.9	ug/m3			02/25/21 15:34	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/25/21 15:34	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/25/21 15:34	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/25/21 15:34	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/25/21 15:34	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/25/21 15:34	1
Methyl Ethyl Ketone (2-Butanone)	**2.8**		1.5	0.21	ug/m3			02/25/21 15:34	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/25/21 15:34	1
Chloroform	ND		0.98	0.16	ug/m3			02/25/21 15:34	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 15:34	1
Cyclohexane	**0.25**	**J**	0.69	0.16	ug/m3			02/25/21 15:34	1
Carbon tetrachloride	**0.41**		0.22	0.15	ug/m3			02/25/21 15:34	1
Benzene	**0.66**		0.64	0.21	ug/m3			02/25/21 15:34	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/25/21 15:34	1
Trichloroethene	ND		0.20	0.19	ug/m3			02/25/21 15:34	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/25/21 15:34	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/25/21 15:34	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/25/21 15:34	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/25/21 15:34	1
Toluene	**11**		0.75	0.41	ug/m3			02/25/21 15:34	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/25/21 15:34	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 15:34	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/25/21 15:34	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/25/21 15:34	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/25/21 15:34	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/25/21 15:34	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/25/21 15:34	1
Ethylbenzene	**0.51**	**J**	0.87	0.27	ug/m3			02/25/21 15:34	1
m,p-Xylene	**1.8**	**J**	2.2	0.43	ug/m3			02/25/21 15:34	1
o-Xylene	**0.53**	**J**	0.87	0.21	ug/m3			02/25/21 15:34	1
Xylene (total)	**2.3**	**J**	3.0	0.21	ug/m3			02/25/21 15:34	1
Styrene	ND		0.85	0.17	ug/m3			02/25/21 15:34	1
Bromoform	ND		2.1	0.50	ug/m3			02/25/21 15:34	1
Isopropylbenzene (cumene)	ND		0.98	0.17	ug/m3			02/25/21 15:34	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/25/21 15:34	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/25/21 15:34	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/25/21 15:34	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/25/21 15:34	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/25/21 15:34	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: YF25-IA-021721-0830
Date Collected: 02/17/21 15:35
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-12
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**1.3**		0.50	0.11	ppb v/v			02/25/21 15:34	1
Chloromethane	**0.65**		0.50	0.11	ppb v/v			02/25/21 15:34	1
Vinyl chloride	**0.90**		0.078	0.044	ppb v/v			02/25/21 15:34	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/25/21 15:34	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/25/21 15:34	1
Trichlorofluoromethane	**0.25**		0.20	0.060	ppb v/v			02/25/21 15:34	1
1,1,2-Trichlorotrifluoroethane	**0.081**	**J**	0.20	0.038	ppb v/v			02/25/21 15:34	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/25/21 15:34	1
Acetone	**6.9**		5.0	1.2	ppb v/v			02/25/21 15:34	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/25/21 15:34	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/25/21 15:34	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/25/21 15:34	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/25/21 15:34	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/25/21 15:34	1
Methyl Ethyl Ketone (2-Butanone)	**0.96**		0.50	0.072	ppb v/v			02/25/21 15:34	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/25/21 15:34	1
Chloroform	ND		0.20	0.032	ppb v/v			02/25/21 15:34	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 15:34	1
Cyclohexane	**0.071**	**J**	0.20	0.046	ppb v/v			02/25/21 15:34	1
Carbon tetrachloride	**0.065**		0.035	0.024	ppb v/v			02/25/21 15:34	1
Benzene	**0.21**		0.20	0.067	ppb v/v			02/25/21 15:34	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/25/21 15:34	1
Trichloroethene	ND		0.037	0.035	ppb v/v			02/25/21 15:34	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/25/21 15:34	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/25/21 15:34	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/25/21 15:34	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/25/21 15:34	1
Toluene	**2.9**		0.20	0.11	ppb v/v			02/25/21 15:34	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/25/21 15:34	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 15:34	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/25/21 15:34	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/25/21 15:34	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/25/21 15:34	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/25/21 15:34	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/25/21 15:34	1
Ethylbenzene	**0.12**	**J**	0.20	0.063	ppb v/v			02/25/21 15:34	1
m,p-Xylene	**0.41**	**J**	0.50	0.10	ppb v/v			02/25/21 15:34	1
o-Xylene	**0.12**	**J**	0.20	0.048	ppb v/v			02/25/21 15:34	1
Xylene (total)	**0.54**	**J**	0.70	0.048	ppb v/v			02/25/21 15:34	1
Styrene	ND		0.20	0.040	ppb v/v			02/25/21 15:34	1
Bromoform	ND		0.20	0.048	ppb v/v			02/25/21 15:34	1
Isopropylbenzene (cumene)	ND		0.20	0.035	ppb v/v			02/25/21 15:34	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/25/21 15:34	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/25/21 15:34	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/25/21 15:34	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/25/21 15:34	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/25/21 15:34	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: NN58-SV-021721-0855
Date Collected: 02/17/21 16:40
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-13
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.4**	**J**	2.5	0.54	ug/m3			02/25/21 23:30	1
Chloromethane	**0.48**	**J**	1.0	0.23	ug/m3			02/25/21 23:30	1
Vinyl chloride	**3.0**		0.20	0.11	ug/m3			02/25/21 23:30	1
Bromomethane	ND		0.78	0.20	ug/m3			02/25/21 23:30	1
Chloroethane	ND		1.3	0.14	ug/m3			02/25/21 23:30	1
Trichlorofluoromethane	**1.6**		1.1	0.34	ug/m3			02/25/21 23:30	1
1,1,2-Trichlorotrifluoroethane	ND		1.5	0.29	ug/m3			02/25/21 23:30	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/25/21 23:30	1
Acetone	**230**	**E**	12	2.9	ug/m3			02/25/21 23:30	1
Carbon disulfide	**0.65**	**J**	1.6	0.23	ug/m3			02/25/21 23:30	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/25/21 23:30	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/25/21 23:30	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/25/21 23:30	1
1,1-Dichloroethane	**0.97**		0.81	0.17	ug/m3			02/25/21 23:30	1
Methyl Ethyl Ketone (2-Butanone)	**37**		1.5	0.21	ug/m3			02/25/21 23:30	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/25/21 23:30	1
Chloroform	**6.3**		0.98	0.16	ug/m3			02/25/21 23:30	1
1,1,1-Trichloroethane	**0.49**	**J**	1.1	0.20	ug/m3			02/25/21 23:30	1
Cyclohexane	**43**		0.69	0.16	ug/m3			02/25/21 23:30	1
Carbon tetrachloride	**0.29**		0.22	0.15	ug/m3			02/25/21 23:30	1
Benzene	**6.6**		0.64	0.21	ug/m3			02/25/21 23:30	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/25/21 23:30	1
Trichloroethene	**8.6**		0.20	0.19	ug/m3			02/25/21 23:30	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/25/21 23:30	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/25/21 23:30	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/25/21 23:30	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**6.1**		2.0	0.15	ug/m3			02/25/21 23:30	1
Toluene	**36**		0.75	0.41	ug/m3			02/25/21 23:30	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/25/21 23:30	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 23:30	1
Tetrachloroethene	**21**		1.4	0.22	ug/m3			02/25/21 23:30	1
Methyl Butyl Ketone (2-Hexanone)	**13**		2.0	0.20	ug/m3			02/25/21 23:30	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/25/21 23:30	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/25/21 23:30	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/25/21 23:30	1
Ethylbenzene	**11**		0.87	0.27	ug/m3			02/25/21 23:30	1
m,p-Xylene	**57**		2.2	0.43	ug/m3			02/25/21 23:30	1
o-Xylene	**20**		0.87	0.21	ug/m3			02/25/21 23:30	1
Xylene (total)	**77**		3.0	0.21	ug/m3			02/25/21 23:30	1
Styrene	ND		0.85	0.17	ug/m3			02/25/21 23:30	1
Bromoform	ND		2.1	0.50	ug/m3			02/25/21 23:30	1
Isopropylbenzene (cumene)	**3.1**		0.98	0.17	ug/m3			02/25/21 23:30	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/25/21 23:30	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/25/21 23:30	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/25/21 23:30	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/25/21 23:30	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/25/21 23:30	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: NN58-SV-021721-0855
Date Collected: 02/17/21 16:40
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-13
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.48**	**J**	0.50	0.11	ppb v/v			02/25/21 23:30	1
Chloromethane	**0.23**	**J**	0.50	0.11	ppb v/v			02/25/21 23:30	1
Vinyl chloride	**1.2**		0.078	0.044	ppb v/v			02/25/21 23:30	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/25/21 23:30	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/25/21 23:30	1
Trichlorofluoromethane	**0.29**		0.20	0.060	ppb v/v			02/25/21 23:30	1
1,1,2-Trichlorotrifluoroethane	ND		0.20	0.038	ppb v/v			02/25/21 23:30	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/25/21 23:30	1
Acetone	**98**	**E**	5.0	1.2	ppb v/v			02/25/21 23:30	1
Carbon disulfide	**0.21**	**J**	0.50	0.074	ppb v/v			02/25/21 23:30	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/25/21 23:30	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/25/21 23:30	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/25/21 23:30	1
1,1-Dichloroethane	**0.24**		0.20	0.041	ppb v/v			02/25/21 23:30	1
Methyl Ethyl Ketone (2-Butanone)	**13**		0.50	0.072	ppb v/v			02/25/21 23:30	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/25/21 23:30	1
Chloroform	**1.3**		0.20	0.032	ppb v/v			02/25/21 23:30	1
1,1,1-Trichloroethane	**0.091**	**J**	0.20	0.036	ppb v/v			02/25/21 23:30	1
Cyclohexane	**13**		0.20	0.046	ppb v/v			02/25/21 23:30	1
Carbon tetrachloride	**0.046**		0.035	0.024	ppb v/v			02/25/21 23:30	1
Benzene	**2.1**		0.20	0.067	ppb v/v			02/25/21 23:30	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/25/21 23:30	1
Trichloroethene	**1.6**		0.037	0.035	ppb v/v			02/25/21 23:30	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/25/21 23:30	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/25/21 23:30	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/25/21 23:30	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**1.5**		0.50	0.036	ppb v/v			02/25/21 23:30	1
Toluene	**9.6**		0.20	0.11	ppb v/v			02/25/21 23:30	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/25/21 23:30	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 23:30	1
Tetrachloroethene	**3.1**		0.20	0.033	ppb v/v			02/25/21 23:30	1
Methyl Butyl Ketone (2-Hexanone)	**3.1**		0.50	0.048	ppb v/v			02/25/21 23:30	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/25/21 23:30	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/25/21 23:30	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/25/21 23:30	1
Ethylbenzene	**2.5**		0.20	0.063	ppb v/v			02/25/21 23:30	1
m,p-Xylene	**13**		0.50	0.10	ppb v/v			02/25/21 23:30	1
o-Xylene	**4.5**		0.20	0.048	ppb v/v			02/25/21 23:30	1
Xylene (total)	**18**		0.70	0.048	ppb v/v			02/25/21 23:30	1
Styrene	ND		0.20	0.040	ppb v/v			02/25/21 23:30	1
Bromoform	ND		0.20	0.048	ppb v/v			02/25/21 23:30	1
Isopropylbenzene (cumene)	**0.63**		0.20	0.035	ppb v/v			02/25/21 23:30	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/25/21 23:30	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/25/21 23:30	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/25/21 23:30	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/25/21 23:30	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/25/21 23:30	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: NN58-SV-021721-0855
Date Collected: 02/17/21 16:40
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-13
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**3.1**	**J**	9.9	2.2	ug/m3			02/26/21 00:23	4
Chloromethane	ND		4.1	0.91	ug/m3			02/26/21 00:23	4
Vinyl chloride	**3.2**		0.80	0.45	ug/m3			02/26/21 00:23	4
Bromomethane	ND		3.1	0.79	ug/m3			02/26/21 00:23	4
Chloroethane	ND		5.3	0.57	ug/m3			02/26/21 00:23	4
Trichlorofluoromethane	**1.6**	**J**	4.5	1.3	ug/m3			02/26/21 00:23	4
1,1,2-Trichlorotrifluoroethane	ND		6.1	1.2	ug/m3			02/26/21 00:23	4
1,1-Dichloroethene	ND		0.80	0.62	ug/m3			02/26/21 00:23	4
Acetone	**240**		48	11	ug/m3			02/26/21 00:23	4
Carbon disulfide	ND		6.2	0.92	ug/m3			02/26/21 00:23	4
Methylene Chloride	ND		6.9	3.8	ug/m3			02/26/21 00:23	4
Methyl tert-butyl ether	ND		2.9	0.48	ug/m3			02/26/21 00:23	4
trans-1,2-Dichloroethene	ND		3.2	0.67	ug/m3			02/26/21 00:23	4
1,1-Dichloroethane	**0.80**	**J**	3.2	0.66	ug/m3			02/26/21 00:23	4
Methyl Ethyl Ketone (2-Butanone)	**37**		5.9	0.85	ug/m3			02/26/21 00:23	4
cis-1,2-Dichloroethene	ND		0.80	0.71	ug/m3			02/26/21 00:23	4
Chloroform	**6.4**		3.9	0.62	ug/m3			02/26/21 00:23	4
1,1,1-Trichloroethane	ND		4.4	0.79	ug/m3			02/26/21 00:23	4
Cyclohexane	**43**		2.8	0.63	ug/m3			02/26/21 00:23	4
Carbon tetrachloride	ND		0.88	0.60	ug/m3			02/26/21 00:23	4
Benzene	**6.6**		2.6	0.86	ug/m3			02/26/21 00:23	4
1,2-Dichloroethane	ND		3.2	0.52	ug/m3			02/26/21 00:23	4
Trichloroethene	**8.2**		0.80	0.75	ug/m3			02/26/21 00:23	4
1,2-Dichloropropane	ND		3.7	0.61	ug/m3			02/26/21 00:23	4
Bromodichloromethane	ND		5.4	0.94	ug/m3			02/26/21 00:23	4
cis-1,3-Dichloropropene	ND		3.6	0.58	ug/m3			02/26/21 00:23	4
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**5.8**	**J**	8.2	0.59	ug/m3			02/26/21 00:23	4
Toluene	**35**		3.0	1.7	ug/m3			02/26/21 00:23	4
trans-1,3-Dichloropropene	ND		3.6	0.71	ug/m3			02/26/21 00:23	4
1,1,2-Trichloroethane	ND		4.4	0.79	ug/m3			02/26/21 00:23	4
Tetrachloroethene	**20**		5.4	0.90	ug/m3			02/26/21 00:23	4
Methyl Butyl Ketone (2-Hexanone)	**10**		8.2	0.79	ug/m3			02/26/21 00:23	4
Dibromochloromethane	ND		6.8	1.2	ug/m3			02/26/21 00:23	4
1,2-Dibromoethane	ND		6.1	1.5	ug/m3			02/26/21 00:23	4
Chlorobenzene	ND		3.7	1.0	ug/m3			02/26/21 00:23	4
Ethylbenzene	**10**		3.5	1.1	ug/m3			02/26/21 00:23	4
m,p-Xylene	**52**		8.7	1.7	ug/m3			02/26/21 00:23	4
o-Xylene	**18**		3.5	0.83	ug/m3			02/26/21 00:23	4
Xylene (total)	**70**		12	0.83	ug/m3			02/26/21 00:23	4
Styrene	ND		3.4	0.68	ug/m3			02/26/21 00:23	4
Bromoform	ND		8.3	2.0	ug/m3			02/26/21 00:23	4
Isopropylbenzene (cumene)	**2.9**	**J**	3.9	0.69	ug/m3			02/26/21 00:23	4
1,1,2,2-Tetrachloroethane	ND		5.5	1.2	ug/m3			02/26/21 00:23	4
1,3-Dichlorobenzene	ND		4.8	2.6	ug/m3			02/26/21 00:23	4
1,4-Dichlorobenzene	ND		4.8	2.9	ug/m3			02/26/21 00:23	4
1,2-Dichlorobenzene	ND		4.8	2.3	ug/m3			02/26/21 00:23	4
1,2,4-Trichlorobenzene	ND		15	6.5	ug/m3			02/26/21 00:23	4

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: NN58-SV-021721-0855
Date Collected: 02/17/21 16:40
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-13
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.64**	**J**	2.0	0.44	ppb v/v			02/26/21 00:23	4
Chloromethane	ND		2.0	0.44	ppb v/v			02/26/21 00:23	4
Vinyl chloride	**1.3**		0.31	0.18	ppb v/v			02/26/21 00:23	4
Bromomethane	ND		0.80	0.20	ppb v/v			02/26/21 00:23	4
Chloroethane	ND		2.0	0.22	ppb v/v			02/26/21 00:23	4
Trichlorofluoromethane	**0.28**	**J**	0.80	0.24	ppb v/v			02/26/21 00:23	4
1,1,2-Trichlorotrifluoroethane	ND		0.80	0.15	ppb v/v			02/26/21 00:23	4
1,1-Dichloroethene	ND		0.20	0.16	ppb v/v			02/26/21 00:23	4
Acetone	**100**		20	4.8	ppb v/v			02/26/21 00:23	4
Carbon disulfide	ND		2.0	0.30	ppb v/v			02/26/21 00:23	4
Methylene Chloride	ND		2.0	1.1	ppb v/v			02/26/21 00:23	4
Methyl tert-butyl ether	ND		0.80	0.13	ppb v/v			02/26/21 00:23	4
trans-1,2-Dichloroethene	ND		0.80	0.17	ppb v/v			02/26/21 00:23	4
1,1-Dichloroethane	**0.20**	**J**	0.80	0.16	ppb v/v			02/26/21 00:23	4
Methyl Ethyl Ketone (2-Butanone)	**12**		2.0	0.29	ppb v/v			02/26/21 00:23	4
cis-1,2-Dichloroethene	ND		0.20	0.18	ppb v/v			02/26/21 00:23	4
Chloroform	**1.3**		0.80	0.13	ppb v/v			02/26/21 00:23	4
1,1,1-Trichloroethane	ND		0.80	0.14	ppb v/v			02/26/21 00:23	4
Cyclohexane	**12**		0.80	0.18	ppb v/v			02/26/21 00:23	4
Carbon tetrachloride	ND		0.14	0.096	ppb v/v			02/26/21 00:23	4
Benzene	**2.1**		0.80	0.27	ppb v/v			02/26/21 00:23	4
1,2-Dichloroethane	ND		0.80	0.13	ppb v/v			02/26/21 00:23	4
Trichloroethene	**1.5**		0.15	0.14	ppb v/v			02/26/21 00:23	4
1,2-Dichloropropane	ND		0.80	0.13	ppb v/v			02/26/21 00:23	4
Bromodichloromethane	ND		0.80	0.14	ppb v/v			02/26/21 00:23	4
cis-1,3-Dichloropropene	ND		0.80	0.13	ppb v/v			02/26/21 00:23	4
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**1.4**	**J**	2.0	0.14	ppb v/v			02/26/21 00:23	4
Toluene	**9.3**		0.80	0.44	ppb v/v			02/26/21 00:23	4
trans-1,3-Dichloropropene	ND		0.80	0.16	ppb v/v			02/26/21 00:23	4
1,1,2-Trichloroethane	ND		0.80	0.14	ppb v/v			02/26/21 00:23	4
Tetrachloroethene	**2.9**		0.80	0.13	ppb v/v			02/26/21 00:23	4
Methyl Butyl Ketone (2-Hexanone)	**2.5**		2.0	0.19	ppb v/v			02/26/21 00:23	4
Dibromochloromethane	ND		0.80	0.14	ppb v/v			02/26/21 00:23	4
1,2-Dibromoethane	ND		0.80	0.20	ppb v/v			02/26/21 00:23	4
Chlorobenzene	ND		0.80	0.22	ppb v/v			02/26/21 00:23	4
Ethylbenzene	**2.3**		0.80	0.25	ppb v/v			02/26/21 00:23	4
m,p-Xylene	**12**		2.0	0.40	ppb v/v			02/26/21 00:23	4
o-Xylene	**4.2**		0.80	0.19	ppb v/v			02/26/21 00:23	4
Xylene (total)	**16**		2.8	0.19	ppb v/v			02/26/21 00:23	4
Styrene	ND		0.80	0.16	ppb v/v			02/26/21 00:23	4
Bromoform	ND		0.80	0.19	ppb v/v			02/26/21 00:23	4
Isopropylbenzene (cumene)	**0.58**	**J**	0.80	0.14	ppb v/v			02/26/21 00:23	4
1,1,2,2-Tetrachloroethane	ND		0.80	0.17	ppb v/v			02/26/21 00:23	4
1,3-Dichlorobenzene	ND		0.80	0.44	ppb v/v			02/26/21 00:23	4
1,4-Dichlorobenzene	ND		0.80	0.48	ppb v/v			02/26/21 00:23	4
1,2-Dichlorobenzene	ND		0.80	0.39	ppb v/v			02/26/21 00:23	4
1,2,4-Trichlorobenzene	ND		2.0	0.88	ppb v/v			02/26/21 00:23	4

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: NN58-IA-021721-0845
Date Collected: 02/17/21 16:40
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-14
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.4**	**J**	2.5	0.54	ug/m3			02/25/21 04:46	1
Chloromethane	**1.5**		1.0	0.23	ug/m3			02/25/21 04:46	1
Vinyl chloride	**4.0**		0.20	0.11	ug/m3			02/25/21 04:46	1
Bromomethane	ND		0.78	0.20	ug/m3			02/25/21 04:46	1
Chloroethane	ND		1.3	0.14	ug/m3			02/25/21 04:46	1
Trichlorofluoromethane	**1.5**		1.1	0.34	ug/m3			02/25/21 04:46	1
1,1,2-Trichlorotrifluoroethane	**0.62**	**J**	1.5	0.29	ug/m3			02/25/21 04:46	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/25/21 04:46	1
Acetone	**9.7**	**J**	12	2.9	ug/m3			02/25/21 04:46	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/25/21 04:46	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/25/21 04:46	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/25/21 04:46	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/25/21 04:46	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/25/21 04:46	1
Methyl Ethyl Ketone (2-Butanone)	**1.4**	**J**	1.5	0.21	ug/m3			02/25/21 04:46	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/25/21 04:46	1
Chloroform	ND		0.98	0.16	ug/m3			02/25/21 04:46	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 04:46	1
Cyclohexane	ND		0.69	0.16	ug/m3			02/25/21 04:46	1
Carbon tetrachloride	**0.37**		0.22	0.15	ug/m3			02/25/21 04:46	1
Benzene	**0.62**	**J**	0.64	0.21	ug/m3			02/25/21 04:46	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/25/21 04:46	1
Trichloroethene	**0.51**		0.20	0.19	ug/m3			02/25/21 04:46	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/25/21 04:46	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/25/21 04:46	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/25/21 04:46	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/25/21 04:46	1
Toluene	**0.90**		0.75	0.41	ug/m3			02/25/21 04:46	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/25/21 04:46	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 04:46	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/25/21 04:46	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/25/21 04:46	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/25/21 04:46	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/25/21 04:46	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/25/21 04:46	1
Ethylbenzene	ND		0.87	0.27	ug/m3			02/25/21 04:46	1
m,p-Xylene	**0.46**	**J**	2.2	0.43	ug/m3			02/25/21 04:46	1
o-Xylene	**0.31**	**J**	0.87	0.21	ug/m3			02/25/21 04:46	1
Xylene (total)	**0.77**	**J**	3.0	0.21	ug/m3			02/25/21 04:46	1
Styrene	ND		0.85	0.17	ug/m3			02/25/21 04:46	1
Bromoform	ND		2.1	0.50	ug/m3			02/25/21 04:46	1
Isopropylbenzene (cumene)	**0.20**	**J**	0.98	0.17	ug/m3			02/25/21 04:46	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/25/21 04:46	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/25/21 04:46	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/25/21 04:46	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/25/21 04:46	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/25/21 04:46	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: NN58-IA-021721-0845
Date Collected: 02/17/21 16:40
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-14
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.49**	**J**	0.50	0.11	ppb v/v			02/25/21 04:46	1
Chloromethane	**0.75**		0.50	0.11	ppb v/v			02/25/21 04:46	1
Vinyl chloride	**1.6**		0.078	0.044	ppb v/v			02/25/21 04:46	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/25/21 04:46	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/25/21 04:46	1
Trichlorofluoromethane	**0.27**		0.20	0.060	ppb v/v			02/25/21 04:46	1
1,1,2-Trichlorotrifluoroethane	**0.081**	**J**	0.20	0.038	ppb v/v			02/25/21 04:46	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/25/21 04:46	1
Acetone	**4.1**	**J**	5.0	1.2	ppb v/v			02/25/21 04:46	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/25/21 04:46	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/25/21 04:46	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/25/21 04:46	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/25/21 04:46	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/25/21 04:46	1
Methyl Ethyl Ketone (2-Butanone)	**0.49**	**J**	0.50	0.072	ppb v/v			02/25/21 04:46	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/25/21 04:46	1
Chloroform	ND		0.20	0.032	ppb v/v			02/25/21 04:46	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 04:46	1
Cyclohexane	ND		0.20	0.046	ppb v/v			02/25/21 04:46	1
Carbon tetrachloride	**0.058**		0.035	0.024	ppb v/v			02/25/21 04:46	1
Benzene	**0.19**	**J**	0.20	0.067	ppb v/v			02/25/21 04:46	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/25/21 04:46	1
Trichloroethene	**0.095**		0.037	0.035	ppb v/v			02/25/21 04:46	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/25/21 04:46	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/25/21 04:46	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/25/21 04:46	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/25/21 04:46	1
Toluene	**0.24**		0.20	0.11	ppb v/v			02/25/21 04:46	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/25/21 04:46	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 04:46	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/25/21 04:46	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/25/21 04:46	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/25/21 04:46	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/25/21 04:46	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/25/21 04:46	1
Ethylbenzene	ND		0.20	0.063	ppb v/v			02/25/21 04:46	1
m,p-Xylene	**0.11**	**J**	0.50	0.10	ppb v/v			02/25/21 04:46	1
o-Xylene	**0.072**	**J**	0.20	0.048	ppb v/v			02/25/21 04:46	1
Xylene (total)	**0.18**	**J**	0.70	0.048	ppb v/v			02/25/21 04:46	1
Styrene	ND		0.20	0.040	ppb v/v			02/25/21 04:46	1
Bromoform	ND		0.20	0.048	ppb v/v			02/25/21 04:46	1
Isopropylbenzene (cumene)	**0.042**	**J**	0.20	0.035	ppb v/v			02/25/21 04:46	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/25/21 04:46	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/25/21 04:46	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/25/21 04:46	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/25/21 04:46	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/25/21 04:46	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: CC60-IA-021721-0908
Date Collected: 02/17/21 17:08
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-15
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.5**		2.5	0.54	ug/m3			02/25/21 05:39	1
Chloromethane	**1.8**		1.0	0.23	ug/m3			02/25/21 05:39	1
Vinyl chloride	**6.7**		0.20	0.11	ug/m3			02/25/21 05:39	1
Bromomethane	ND		0.78	0.20	ug/m3			02/25/21 05:39	1
Chloroethane	ND		1.3	0.14	ug/m3			02/25/21 05:39	1
Trichlorofluoromethane	**1.8**		1.1	0.34	ug/m3			02/25/21 05:39	1
1,1,2-Trichlorotrifluoroethane	**0.97**	**J**	1.5	0.29	ug/m3			02/25/21 05:39	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/25/21 05:39	1
Acetone	**18**		12	2.9	ug/m3			02/25/21 05:39	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/25/21 05:39	1
Methylene Chloride	**1.4**	**J**	1.7	0.94	ug/m3			02/25/21 05:39	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/25/21 05:39	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/25/21 05:39	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/25/21 05:39	1
Methyl Ethyl Ketone (2-Butanone)	**3.2**		1.5	0.21	ug/m3			02/25/21 05:39	1
cis-1,2-Dichloroethene	**0.26**		0.20	0.18	ug/m3			02/25/21 05:39	1
Chloroform	ND		0.98	0.16	ug/m3			02/25/21 05:39	1
1,1,1-Trichloroethane	**0.54**	**J**	1.1	0.20	ug/m3			02/25/21 05:39	1
Cyclohexane	**0.31**	**J**	0.69	0.16	ug/m3			02/25/21 05:39	1
Carbon tetrachloride	**0.44**		0.22	0.15	ug/m3			02/25/21 05:39	1
Benzene	**0.60**	**J**	0.64	0.21	ug/m3			02/25/21 05:39	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/25/21 05:39	1
Trichloroethene	**0.59**		0.20	0.19	ug/m3			02/25/21 05:39	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/25/21 05:39	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/25/21 05:39	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/25/21 05:39	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/25/21 05:39	1
Toluene	**7.0**		0.75	0.41	ug/m3			02/25/21 05:39	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/25/21 05:39	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 05:39	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/25/21 05:39	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/25/21 05:39	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/25/21 05:39	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/25/21 05:39	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/25/21 05:39	1
Ethylbenzene	ND		0.87	0.27	ug/m3			02/25/21 05:39	1
m,p-Xylene	**0.74**	**J**	2.2	0.43	ug/m3			02/25/21 05:39	1
o-Xylene	**0.28**	**J**	0.87	0.21	ug/m3			02/25/21 05:39	1
Xylene (total)	**1.0**	**J**	3.0	0.21	ug/m3			02/25/21 05:39	1
Styrene	ND		0.85	0.17	ug/m3			02/25/21 05:39	1
Bromoform	ND		2.1	0.50	ug/m3			02/25/21 05:39	1
Isopropylbenzene (cumene)	**0.25**	**J**	0.98	0.17	ug/m3			02/25/21 05:39	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/25/21 05:39	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/25/21 05:39	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/25/21 05:39	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/25/21 05:39	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/25/21 05:39	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: CC60-IA-021721-0908
Date Collected: 02/17/21 17:08
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-15
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.51**		0.50	0.11	ppb v/v			02/25/21 05:39	1
Chloromethane	**0.88**		0.50	0.11	ppb v/v			02/25/21 05:39	1
Vinyl chloride	**2.6**		0.078	0.044	ppb v/v			02/25/21 05:39	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/25/21 05:39	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/25/21 05:39	1
Trichlorofluoromethane	**0.31**		0.20	0.060	ppb v/v			02/25/21 05:39	1
1,1,2-Trichlorotrifluoroethane	**0.13**	**J**	0.20	0.038	ppb v/v			02/25/21 05:39	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/25/21 05:39	1
Acetone	**7.7**		5.0	1.2	ppb v/v			02/25/21 05:39	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/25/21 05:39	1
Methylene Chloride	**0.41**	**J**	0.50	0.27	ppb v/v			02/25/21 05:39	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/25/21 05:39	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/25/21 05:39	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/25/21 05:39	1
Methyl Ethyl Ketone (2-Butanone)	**1.1**		0.50	0.072	ppb v/v			02/25/21 05:39	1
cis-1,2-Dichloroethene	**0.066**		0.050	0.045	ppb v/v			02/25/21 05:39	1
Chloroform	ND		0.20	0.032	ppb v/v			02/25/21 05:39	1
1,1,1-Trichloroethane	**0.098**	**J**	0.20	0.036	ppb v/v			02/25/21 05:39	1
Cyclohexane	**0.090**	**J**	0.20	0.046	ppb v/v			02/25/21 05:39	1
Carbon tetrachloride	**0.071**		0.035	0.024	ppb v/v			02/25/21 05:39	1
Benzene	**0.19**	**J**	0.20	0.067	ppb v/v			02/25/21 05:39	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/25/21 05:39	1
Trichloroethene	**0.11**		0.037	0.035	ppb v/v			02/25/21 05:39	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/25/21 05:39	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/25/21 05:39	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/25/21 05:39	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/25/21 05:39	1
Toluene	**1.9**		0.20	0.11	ppb v/v			02/25/21 05:39	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/25/21 05:39	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 05:39	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/25/21 05:39	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/25/21 05:39	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/25/21 05:39	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/25/21 05:39	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/25/21 05:39	1
Ethylbenzene	ND		0.20	0.063	ppb v/v			02/25/21 05:39	1
m,p-Xylene	**0.17**	**J**	0.50	0.10	ppb v/v			02/25/21 05:39	1
o-Xylene	**0.063**	**J**	0.20	0.048	ppb v/v			02/25/21 05:39	1
Xylene (total)	**0.23**	**J**	0.70	0.048	ppb v/v			02/25/21 05:39	1
Styrene	ND		0.20	0.040	ppb v/v			02/25/21 05:39	1
Bromoform	ND		0.20	0.048	ppb v/v			02/25/21 05:39	1
Isopropylbenzene (cumene)	**0.051**	**J**	0.20	0.035	ppb v/v			02/25/21 05:39	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/25/21 05:39	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/25/21 05:39	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/25/21 05:39	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/25/21 05:39	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/25/21 05:39	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: AA2-021721-0950
Date Collected: 02/17/21 17:17
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-16
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.5**		2.5	0.54	ug/m3			02/26/21 01:15	1
Chloromethane	**1.4**		1.0	0.23	ug/m3			02/26/21 01:15	1
Vinyl chloride	**2.0**		0.20	0.11	ug/m3			02/26/21 01:15	1
Bromomethane	ND		0.78	0.20	ug/m3			02/26/21 01:15	1
Chloroethane	ND		1.3	0.14	ug/m3			02/26/21 01:15	1
Trichlorofluoromethane	**1.4**		1.1	0.34	ug/m3			02/26/21 01:15	1
1,1,2-Trichlorotrifluoroethane	**0.58**	**J**	1.5	0.29	ug/m3			02/26/21 01:15	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/26/21 01:15	1
Acetone	**7.7**	**J**	12	2.9	ug/m3			02/26/21 01:15	1
Carbon disulfide	**0.30**	**J**	1.6	0.23	ug/m3			02/26/21 01:15	1
Methylene Chloride	**1.6**	**J**	1.7	0.94	ug/m3			02/26/21 01:15	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/26/21 01:15	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/26/21 01:15	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/26/21 01:15	1
Methyl Ethyl Ketone (2-Butanone)	**0.78**	**J**	1.5	0.21	ug/m3			02/26/21 01:15	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/26/21 01:15	1
Chloroform	ND		0.98	0.16	ug/m3			02/26/21 01:15	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 01:15	1
Cyclohexane	ND		0.69	0.16	ug/m3			02/26/21 01:15	1
Carbon tetrachloride	**0.43**		0.22	0.15	ug/m3			02/26/21 01:15	1
Benzene	**0.66**		0.64	0.21	ug/m3			02/26/21 01:15	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/26/21 01:15	1
Trichloroethene	**1.0**		0.20	0.19	ug/m3			02/26/21 01:15	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/26/21 01:15	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/26/21 01:15	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/26/21 01:15	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/26/21 01:15	1
Toluene	**2.1**		0.75	0.41	ug/m3			02/26/21 01:15	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/26/21 01:15	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 01:15	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/26/21 01:15	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/26/21 01:15	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/26/21 01:15	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/26/21 01:15	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/26/21 01:15	1
Ethylbenzene	ND		0.87	0.27	ug/m3			02/26/21 01:15	1
m,p-Xylene	ND		2.2	0.43	ug/m3			02/26/21 01:15	1
o-Xylene	ND		0.87	0.21	ug/m3			02/26/21 01:15	1
Xylene (total)	ND		3.0	0.21	ug/m3			02/26/21 01:15	1
Styrene	ND		0.85	0.17	ug/m3			02/26/21 01:15	1
Bromoform	ND		2.1	0.50	ug/m3			02/26/21 01:15	1
Isopropylbenzene (cumene)	ND		0.98	0.17	ug/m3			02/26/21 01:15	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/26/21 01:15	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/26/21 01:15	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/26/21 01:15	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/26/21 01:15	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/26/21 01:15	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: AA2-021721-0950
Date Collected: 02/17/21 17:17
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-16
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.50**		0.50	0.11	ppb v/v			02/26/21 01:15	1
Chloromethane	**0.68**		0.50	0.11	ppb v/v			02/26/21 01:15	1
Vinyl chloride	**0.80**		0.078	0.044	ppb v/v			02/26/21 01:15	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/26/21 01:15	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/26/21 01:15	1
Trichlorofluoromethane	**0.26**		0.20	0.060	ppb v/v			02/26/21 01:15	1
1,1,2-Trichlorotrifluoroethane	**0.075**	**J**	0.20	0.038	ppb v/v			02/26/21 01:15	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/26/21 01:15	1
Acetone	**3.2**	**J**	5.0	1.2	ppb v/v			02/26/21 01:15	1
Carbon disulfide	**0.095**	**J**	0.50	0.074	ppb v/v			02/26/21 01:15	1
Methylene Chloride	**0.46**	**J**	0.50	0.27	ppb v/v			02/26/21 01:15	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/26/21 01:15	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/26/21 01:15	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/26/21 01:15	1
Methyl Ethyl Ketone (2-Butanone)	**0.27**	**J**	0.50	0.072	ppb v/v			02/26/21 01:15	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/26/21 01:15	1
Chloroform	ND		0.20	0.032	ppb v/v			02/26/21 01:15	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 01:15	1
Cyclohexane	ND		0.20	0.046	ppb v/v			02/26/21 01:15	1
Carbon tetrachloride	**0.068**		0.035	0.024	ppb v/v			02/26/21 01:15	1
Benzene	**0.21**		0.20	0.067	ppb v/v			02/26/21 01:15	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/26/21 01:15	1
Trichloroethene	**0.19**		0.037	0.035	ppb v/v			02/26/21 01:15	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/26/21 01:15	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/26/21 01:15	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/26/21 01:15	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/26/21 01:15	1
Toluene	**0.56**		0.20	0.11	ppb v/v			02/26/21 01:15	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/26/21 01:15	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 01:15	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/26/21 01:15	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/26/21 01:15	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/26/21 01:15	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/26/21 01:15	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/26/21 01:15	1
Ethylbenzene	ND		0.20	0.063	ppb v/v			02/26/21 01:15	1
m,p-Xylene	ND		0.50	0.10	ppb v/v			02/26/21 01:15	1
o-Xylene	ND		0.20	0.048	ppb v/v			02/26/21 01:15	1
Xylene (total)	ND		0.70	0.048	ppb v/v			02/26/21 01:15	1
Styrene	ND		0.20	0.040	ppb v/v			02/26/21 01:15	1
Bromoform	ND		0.20	0.048	ppb v/v			02/26/21 01:15	1
Isopropylbenzene (cumene)	ND		0.20	0.035	ppb v/v			02/26/21 01:15	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/26/21 01:15	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/26/21 01:15	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/26/21 01:15	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/26/21 01:15	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/26/21 01:15	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: DD31-IA-021721-1015
Date Collected: 02/17/21 17:24
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-17
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.6**		2.5	0.54	ug/m3			02/26/21 02:08	1
Chloromethane	**1.5**		1.0	0.23	ug/m3			02/26/21 02:08	1
Vinyl chloride	**1.1**		0.20	0.11	ug/m3			02/26/21 02:08	1
Bromomethane	ND		0.78	0.20	ug/m3			02/26/21 02:08	1
Chloroethane	ND		1.3	0.14	ug/m3			02/26/21 02:08	1
Trichlorofluoromethane	**2.2**		1.1	0.34	ug/m3			02/26/21 02:08	1
1,1,2-Trichlorotrifluoroethane	**0.63**	**J**	1.5	0.29	ug/m3			02/26/21 02:08	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/26/21 02:08	1
Acetone	**12**		12	2.9	ug/m3			02/26/21 02:08	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/26/21 02:08	1
Methylene Chloride	**1.4**	**J**	1.7	0.94	ug/m3			02/26/21 02:08	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/26/21 02:08	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/26/21 02:08	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/26/21 02:08	1
Methyl Ethyl Ketone (2-Butanone)	**1.1**	**J**	1.5	0.21	ug/m3			02/26/21 02:08	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/26/21 02:08	1
Chloroform	**0.38**	**J**	0.98	0.16	ug/m3			02/26/21 02:08	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 02:08	1
Cyclohexane	ND		0.69	0.16	ug/m3			02/26/21 02:08	1
Carbon tetrachloride	**0.41**		0.22	0.15	ug/m3			02/26/21 02:08	1
Benzene	**0.58**	**J**	0.64	0.21	ug/m3			02/26/21 02:08	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/26/21 02:08	1
Trichloroethene	ND		0.20	0.19	ug/m3			02/26/21 02:08	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/26/21 02:08	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/26/21 02:08	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/26/21 02:08	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/26/21 02:08	1
Toluene	**0.63**	**J**	0.75	0.41	ug/m3			02/26/21 02:08	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/26/21 02:08	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 02:08	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/26/21 02:08	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/26/21 02:08	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/26/21 02:08	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/26/21 02:08	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/26/21 02:08	1
Ethylbenzene	ND		0.87	0.27	ug/m3			02/26/21 02:08	1
m,p-Xylene	**1.1**	**J**	2.2	0.43	ug/m3			02/26/21 02:08	1
o-Xylene	**3.7**		0.87	0.21	ug/m3			02/26/21 02:08	1
Xylene (total)	**4.8**		3.0	0.21	ug/m3			02/26/21 02:08	1
Styrene	ND		0.85	0.17	ug/m3			02/26/21 02:08	1
Bromoform	ND		2.1	0.50	ug/m3			02/26/21 02:08	1
Isopropylbenzene (cumene)	**7.0**		0.98	0.17	ug/m3			02/26/21 02:08	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/26/21 02:08	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/26/21 02:08	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/26/21 02:08	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/26/21 02:08	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/26/21 02:08	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: DD31-IA-021721-1015
Date Collected: 02/17/21 17:24
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-17
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.54**		0.50	0.11	ppb v/v			02/26/21 02:08	1
Chloromethane	**0.71**		0.50	0.11	ppb v/v			02/26/21 02:08	1
Vinyl chloride	**0.44**		0.078	0.044	ppb v/v			02/26/21 02:08	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/26/21 02:08	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/26/21 02:08	1
Trichlorofluoromethane	**0.40**		0.20	0.060	ppb v/v			02/26/21 02:08	1
1,1,2-Trichlorotrifluoroethane	**0.082**	**J**	0.20	0.038	ppb v/v			02/26/21 02:08	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/26/21 02:08	1
Acetone	**5.2**		5.0	1.2	ppb v/v			02/26/21 02:08	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/26/21 02:08	1
Methylene Chloride	**0.40**	**J**	0.50	0.27	ppb v/v			02/26/21 02:08	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/26/21 02:08	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/26/21 02:08	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/26/21 02:08	1
Methyl Ethyl Ketone (2-Butanone)	**0.38**	**J**	0.50	0.072	ppb v/v			02/26/21 02:08	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/26/21 02:08	1
Chloroform	**0.078**	**J**	0.20	0.032	ppb v/v			02/26/21 02:08	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 02:08	1
Cyclohexane	ND		0.20	0.046	ppb v/v			02/26/21 02:08	1
Carbon tetrachloride	**0.065**		0.035	0.024	ppb v/v			02/26/21 02:08	1
Benzene	**0.18**	**J**	0.20	0.067	ppb v/v			02/26/21 02:08	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/26/21 02:08	1
Trichloroethene	ND		0.037	0.035	ppb v/v			02/26/21 02:08	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/26/21 02:08	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/26/21 02:08	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/26/21 02:08	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/26/21 02:08	1
Toluene	**0.17**	**J**	0.20	0.11	ppb v/v			02/26/21 02:08	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/26/21 02:08	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 02:08	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/26/21 02:08	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/26/21 02:08	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/26/21 02:08	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/26/21 02:08	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/26/21 02:08	1
Ethylbenzene	ND		0.20	0.063	ppb v/v			02/26/21 02:08	1
m,p-Xylene	**0.25**	**J**	0.50	0.10	ppb v/v			02/26/21 02:08	1
o-Xylene	**0.84**		0.20	0.048	ppb v/v			02/26/21 02:08	1
Xylene (total)	**1.1**		0.70	0.048	ppb v/v			02/26/21 02:08	1
Styrene	ND		0.20	0.040	ppb v/v			02/26/21 02:08	1
Bromoform	ND		0.20	0.048	ppb v/v			02/26/21 02:08	1
Isopropylbenzene (cumene)	**1.4**		0.20	0.035	ppb v/v			02/26/21 02:08	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/26/21 02:08	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/26/21 02:08	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/26/21 02:08	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/26/21 02:08	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/26/21 02:08	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: KK35-IA-021721-1015
Date Collected: 02/17/21 17:30
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-18
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.4**	**J**	2.5	0.54	ug/m3			02/26/21 03:01	1
Chloromethane	**1.3**		1.0	0.23	ug/m3			02/26/21 03:01	1
Vinyl chloride	**1.1**		0.20	0.11	ug/m3			02/26/21 03:01	1
Bromomethane	ND		0.78	0.20	ug/m3			02/26/21 03:01	1
Chloroethane	ND		1.3	0.14	ug/m3			02/26/21 03:01	1
Trichlorofluoromethane	**2.7**		1.1	0.34	ug/m3			02/26/21 03:01	1
1,1,2-Trichlorotrifluoroethane	**0.56**	**J**	1.5	0.29	ug/m3			02/26/21 03:01	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/26/21 03:01	1
Acetone	**8.3**	**J**	12	2.9	ug/m3			02/26/21 03:01	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/26/21 03:01	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/26/21 03:01	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/26/21 03:01	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/26/21 03:01	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/26/21 03:01	1
Methyl Ethyl Ketone (2-Butanone)	**1.4**	**J**	1.5	0.21	ug/m3			02/26/21 03:01	1
cis-1,2-Dichloroethene	**0.20**		0.20	0.18	ug/m3			02/26/21 03:01	1
Chloroform	ND		0.98	0.16	ug/m3			02/26/21 03:01	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 03:01	1
Cyclohexane	**0.50**	**J**	0.69	0.16	ug/m3			02/26/21 03:01	1
Carbon tetrachloride	**0.43**		0.22	0.15	ug/m3			02/26/21 03:01	1
Benzene	**0.66**		0.64	0.21	ug/m3			02/26/21 03:01	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/26/21 03:01	1
Trichloroethene	**0.27**		0.20	0.19	ug/m3			02/26/21 03:01	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/26/21 03:01	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/26/21 03:01	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/26/21 03:01	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/26/21 03:01	1
Toluene	**1.1**		0.75	0.41	ug/m3			02/26/21 03:01	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/26/21 03:01	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 03:01	1
Tetrachloroethene	**0.63**	**J**	1.4	0.22	ug/m3			02/26/21 03:01	1
Methyl Butyl Ketone (2-Hexanone)	**32**		2.0	0.20	ug/m3			02/26/21 03:01	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/26/21 03:01	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/26/21 03:01	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/26/21 03:01	1
Ethylbenzene	**0.45**	**J**	0.87	0.27	ug/m3			02/26/21 03:01	1
m,p-Xylene	**3.3**		2.2	0.43	ug/m3			02/26/21 03:01	1
o-Xylene	**17**		0.87	0.21	ug/m3			02/26/21 03:01	1
Xylene (total)	**20**		3.0	0.21	ug/m3			02/26/21 03:01	1
Styrene	ND		0.85	0.17	ug/m3			02/26/21 03:01	1
Bromoform	ND		2.1	0.50	ug/m3			02/26/21 03:01	1
Isopropylbenzene (cumene)	**34**		0.98	0.17	ug/m3			02/26/21 03:01	1
1,1,2,2-Tetrachloroethane	**41**		1.4	0.29	ug/m3			02/26/21 03:01	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/26/21 03:01	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/26/21 03:01	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/26/21 03:01	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/26/21 03:01	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: KK35-IA-021721-1015
Date Collected: 02/17/21 17:30
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-18
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.48**	**J**	0.50	0.11	ppb v/v			02/26/21 03:01	1
Chloromethane	**0.65**		0.50	0.11	ppb v/v			02/26/21 03:01	1
Vinyl chloride	**0.43**		0.078	0.044	ppb v/v			02/26/21 03:01	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/26/21 03:01	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/26/21 03:01	1
Trichlorofluoromethane	**0.48**		0.20	0.060	ppb v/v			02/26/21 03:01	1
1,1,2-Trichlorotrifluoroethane	**0.074**	**J**	0.20	0.038	ppb v/v			02/26/21 03:01	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/26/21 03:01	1
Acetone	**3.5**	**J**	5.0	1.2	ppb v/v			02/26/21 03:01	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/26/21 03:01	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/26/21 03:01	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/26/21 03:01	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/26/21 03:01	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/26/21 03:01	1
Methyl Ethyl Ketone (2-Butanone)	**0.46**	**J**	0.50	0.072	ppb v/v			02/26/21 03:01	1
cis-1,2-Dichloroethene	**0.051**		0.050	0.045	ppb v/v			02/26/21 03:01	1
Chloroform	ND		0.20	0.032	ppb v/v			02/26/21 03:01	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 03:01	1
Cyclohexane	**0.15**	**J**	0.20	0.046	ppb v/v			02/26/21 03:01	1
Carbon tetrachloride	**0.068**		0.035	0.024	ppb v/v			02/26/21 03:01	1
Benzene	**0.21**		0.20	0.067	ppb v/v			02/26/21 03:01	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/26/21 03:01	1
Trichloroethene	**0.051**		0.037	0.035	ppb v/v			02/26/21 03:01	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/26/21 03:01	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/26/21 03:01	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/26/21 03:01	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/26/21 03:01	1
Toluene	**0.28**		0.20	0.11	ppb v/v			02/26/21 03:01	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/26/21 03:01	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 03:01	1
Tetrachloroethene	**0.092**	**J**	0.20	0.033	ppb v/v			02/26/21 03:01	1
Methyl Butyl Ketone (2-Hexanone)	**7.9**		0.50	0.048	ppb v/v			02/26/21 03:01	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/26/21 03:01	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/26/21 03:01	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/26/21 03:01	1
Ethylbenzene	**0.10**	**J**	0.20	0.063	ppb v/v			02/26/21 03:01	1
m,p-Xylene	**0.76**		0.50	0.10	ppb v/v			02/26/21 03:01	1
o-Xylene	**3.8**		0.20	0.048	ppb v/v			02/26/21 03:01	1
Xylene (total)	**4.7**		0.70	0.048	ppb v/v			02/26/21 03:01	1
Styrene	ND		0.20	0.040	ppb v/v			02/26/21 03:01	1
Bromoform	ND		0.20	0.048	ppb v/v			02/26/21 03:01	1
Isopropylbenzene (cumene)	**7.0**		0.20	0.035	ppb v/v			02/26/21 03:01	1
1,1,2,2-Tetrachloroethane	**6.0**		0.20	0.042	ppb v/v			02/26/21 03:01	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/26/21 03:01	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/26/21 03:01	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/26/21 03:01	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/26/21 03:01	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: KK35-IA-021721-1015
Date Collected: 02/17/21 17:30
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-18
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		15	3.3	ug/m3			02/26/21 14:12	6.14
Chloromethane	ND		6.3	1.4	ug/m3			02/26/21 14:12	6.14
Vinyl chloride	**0.86**	**J**	1.2	0.69	ug/m3			02/26/21 14:12	6.14
Bromomethane	ND		4.8	1.2	ug/m3			02/26/21 14:12	6.14
Chloroethane	ND		8.1	0.87	ug/m3			02/26/21 14:12	6.14
Trichlorofluoromethane	ND		6.9	2.1	ug/m3			02/26/21 14:12	6.14
1,1,2-Trichlorotrifluoroethane	ND		9.4	1.8	ug/m3			02/26/21 14:12	6.14
1,1-Dichloroethene	ND		1.2	0.95	ug/m3			02/26/21 14:12	6.14
Acetone	ND		73	18	ug/m3			02/26/21 14:12	6.14
Carbon disulfide	ND		9.6	1.4	ug/m3			02/26/21 14:12	6.14
Methylene Chloride	ND		11	5.8	ug/m3			02/26/21 14:12	6.14
Methyl tert-butyl ether	ND		4.4	0.73	ug/m3			02/26/21 14:12	6.14
trans-1,2-Dichloroethene	ND		4.9	1.0	ug/m3			02/26/21 14:12	6.14
1,1-Dichloroethane	ND		5.0	1.0	ug/m3			02/26/21 14:12	6.14
Methyl Ethyl Ketone (2-Butanone)	ND		9.1	1.3	ug/m3			02/26/21 14:12	6.14
cis-1,2-Dichloroethene	ND		1.2	1.1	ug/m3			02/26/21 14:12	6.14
Chloroform	ND		6.0	0.96	ug/m3			02/26/21 14:12	6.14
1,1,1-Trichloroethane	ND		6.7	1.2	ug/m3			02/26/21 14:12	6.14
Cyclohexane	ND		4.2	0.97	ug/m3			02/26/21 14:12	6.14
Carbon tetrachloride	ND		1.4	0.93	ug/m3			02/26/21 14:12	6.14
Benzene	ND		3.9	1.3	ug/m3			02/26/21 14:12	6.14
1,2-Dichloroethane	ND		5.0	0.80	ug/m3			02/26/21 14:12	6.14
Trichloroethene	ND		1.2	1.2	ug/m3			02/26/21 14:12	6.14
1,2-Dichloropropane	ND		5.7	0.94	ug/m3			02/26/21 14:12	6.14
Bromodichloromethane	ND		8.2	1.4	ug/m3			02/26/21 14:12	6.14
cis-1,3-Dichloropropene	ND		5.6	0.89	ug/m3			02/26/21 14:12	6.14
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**2.6**	**J**	13	0.91	ug/m3			02/26/21 14:12	6.14
Toluene	ND		4.6	2.5	ug/m3			02/26/21 14:12	6.14
trans-1,3-Dichloropropene	ND		5.6	1.1	ug/m3			02/26/21 14:12	6.14
1,1,2-Trichloroethane	ND		6.7	1.2	ug/m3			02/26/21 14:12	6.14
Tetrachloroethene	ND		8.3	1.4	ug/m3			02/26/21 14:12	6.14
Methyl Butyl Ketone (2-Hexanone)	ND		13	1.2	ug/m3			02/26/21 14:12	6.14
Dibromochloromethane	ND		10	1.9	ug/m3			02/26/21 14:12	6.14
1,2-Dibromoethane	ND		9.4	2.3	ug/m3			02/26/21 14:12	6.14
Chlorobenzene	ND		5.7	1.6	ug/m3			02/26/21 14:12	6.14
Ethylbenzene	ND		5.3	1.7	ug/m3			02/26/21 14:12	6.14
m,p-Xylene	ND		13	2.7	ug/m3			02/26/21 14:12	6.14
o-Xylene	**17**		5.3	1.3	ug/m3			02/26/21 14:12	6.14
Xylene (total)	**17**	**J**	19	1.3	ug/m3			02/26/21 14:12	6.14
Styrene	ND		5.2	1.0	ug/m3			02/26/21 14:12	6.14
Bromoform	ND		13	3.0	ug/m3			02/26/21 14:12	6.14
Isopropylbenzene (cumene)	ND		6.0	1.1	ug/m3			02/26/21 14:12	6.14
1,1,2,2-Tetrachloroethane	ND		8.4	1.8	ug/m3			02/26/21 14:12	6.14
1,3-Dichlorobenzene	ND		7.4	4.1	ug/m3			02/26/21 14:12	6.14
1,4-Dichlorobenzene	ND		7.4	4.4	ug/m3			02/26/21 14:12	6.14
1,2-Dichlorobenzene	ND		7.4	3.6	ug/m3			02/26/21 14:12	6.14
1,2,4-Trichlorobenzene	ND		23	10	ug/m3			02/26/21 14:12	6.14

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: KK35-IA-021721-1015
Date Collected: 02/17/21 17:30
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-18
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		3.1	0.68	ppb v/v			02/26/21 14:12	6.14
Chloromethane	ND		3.1	0.68	ppb v/v			02/26/21 14:12	6.14
Vinyl chloride	**0.34**	**J**	0.48	0.27	ppb v/v			02/26/21 14:12	6.14
Bromomethane	ND		1.2	0.31	ppb v/v			02/26/21 14:12	6.14
Chloroethane	ND		3.1	0.33	ppb v/v			02/26/21 14:12	6.14
Trichlorofluoromethane	ND		1.2	0.37	ppb v/v			02/26/21 14:12	6.14
1,1,2-Trichlorotrifluoroethane	ND		1.2	0.23	ppb v/v			02/26/21 14:12	6.14
1,1-Dichloroethene	ND		0.31	0.24	ppb v/v			02/26/21 14:12	6.14
Acetone	ND		31	7.4	ppb v/v			02/26/21 14:12	6.14
Carbon disulfide	ND		3.1	0.45	ppb v/v			02/26/21 14:12	6.14
Methylene Chloride	ND		3.1	1.7	ppb v/v			02/26/21 14:12	6.14
Methyl tert-butyl ether	ND		1.2	0.20	ppb v/v			02/26/21 14:12	6.14
trans-1,2-Dichloroethene	ND		1.2	0.26	ppb v/v			02/26/21 14:12	6.14
1,1-Dichloroethane	ND		1.2	0.25	ppb v/v			02/26/21 14:12	6.14
Methyl Ethyl Ketone (2-Butanone)	ND		3.1	0.44	ppb v/v			02/26/21 14:12	6.14
cis-1,2-Dichloroethene	ND		0.31	0.28	ppb v/v			02/26/21 14:12	6.14
Chloroform	ND		1.2	0.20	ppb v/v			02/26/21 14:12	6.14
1,1,1-Trichloroethane	ND		1.2	0.22	ppb v/v			02/26/21 14:12	6.14
Cyclohexane	ND		1.2	0.28	ppb v/v			02/26/21 14:12	6.14
Carbon tetrachloride	ND		0.21	0.15	ppb v/v			02/26/21 14:12	6.14
Benzene	ND		1.2	0.41	ppb v/v			02/26/21 14:12	6.14
1,2-Dichloroethane	ND		1.2	0.20	ppb v/v			02/26/21 14:12	6.14
Trichloroethene	ND		0.23	0.21	ppb v/v			02/26/21 14:12	6.14
1,2-Dichloropropane	ND		1.2	0.20	ppb v/v			02/26/21 14:12	6.14
Bromodichloromethane	ND		1.2	0.21	ppb v/v			02/26/21 14:12	6.14
cis-1,3-Dichloropropene	ND		1.2	0.20	ppb v/v			02/26/21 14:12	6.14
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.63**	**J**	3.1	0.22	ppb v/v			02/26/21 14:12	6.14
Toluene	ND		1.2	0.68	ppb v/v			02/26/21 14:12	6.14
trans-1,3-Dichloropropene	ND		1.2	0.24	ppb v/v			02/26/21 14:12	6.14
1,1,2-Trichloroethane	ND		1.2	0.22	ppb v/v			02/26/21 14:12	6.14
Tetrachloroethene	ND		1.2	0.20	ppb v/v			02/26/21 14:12	6.14
Methyl Butyl Ketone (2-Hexanone)	ND		3.1	0.29	ppb v/v			02/26/21 14:12	6.14
Dibromochloromethane	ND		1.2	0.22	ppb v/v			02/26/21 14:12	6.14
1,2-Dibromoethane	ND		1.2	0.30	ppb v/v			02/26/21 14:12	6.14
Chlorobenzene	ND		1.2	0.34	ppb v/v			02/26/21 14:12	6.14
Ethylbenzene	ND		1.2	0.39	ppb v/v			02/26/21 14:12	6.14
m,p-Xylene	ND		3.1	0.61	ppb v/v			02/26/21 14:12	6.14
o-Xylene	**3.8**		1.2	0.29	ppb v/v			02/26/21 14:12	6.14
Xylene (total)	**3.9**	**J**	4.3	0.29	ppb v/v			02/26/21 14:12	6.14
Styrene	ND		1.2	0.25	ppb v/v			02/26/21 14:12	6.14
Bromoform	ND		1.2	0.29	ppb v/v			02/26/21 14:12	6.14
Isopropylbenzene (cumene)	ND		1.2	0.21	ppb v/v			02/26/21 14:12	6.14
1,1,2,2-Tetrachloroethane	ND		1.2	0.26	ppb v/v			02/26/21 14:12	6.14
1,3-Dichlorobenzene	ND		1.2	0.68	ppb v/v			02/26/21 14:12	6.14
1,4-Dichlorobenzene	ND		1.2	0.74	ppb v/v			02/26/21 14:12	6.14
1,2-Dichlorobenzene	ND		1.2	0.60	ppb v/v			02/26/21 14:12	6.14
1,2,4-Trichlorobenzene	ND		3.1	1.4	ppb v/v			02/26/21 14:12	6.14

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: W25-SV-021821-0840

Lab Sample ID: 200-57323-19

Date Collected: 02/18/21 16:00
Matrix: Air
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**3.4**		2.5	0.54	ug/m3			02/25/21 16:27	1
Chloromethane	**0.63**	**J**	1.0	0.23	ug/m3			02/25/21 16:27	1
Vinyl chloride	**1.2**		0.20	0.11	ug/m3			02/25/21 16:27	1
Bromomethane	ND		0.78	0.20	ug/m3			02/25/21 16:27	1
Chloroethane	ND		1.3	0.14	ug/m3			02/25/21 16:27	1
Trichlorofluoromethane	**1.4**		1.1	0.34	ug/m3			02/25/21 16:27	1
1,1,2-Trichlorotrifluoroethane	**0.63**	**J**	1.5	0.29	ug/m3			02/25/21 16:27	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/25/21 16:27	1
Acetone	**14**		12	2.9	ug/m3			02/25/21 16:27	1
Carbon disulfide	**0.50**	**J**	1.6	0.23	ug/m3			02/25/21 16:27	1
Methylene Chloride	**4.1**		1.7	0.94	ug/m3			02/25/21 16:27	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/25/21 16:27	1
trans-1,2-Dichloroethene	**0.31**	**J**	0.79	0.17	ug/m3			02/25/21 16:27	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/25/21 16:27	1
Methyl Ethyl Ketone (2-Butanone)	**0.91**	**J**	1.5	0.21	ug/m3			02/25/21 16:27	1
cis-1,2-Dichloroethene	**6.6**		0.20	0.18	ug/m3			02/25/21 16:27	1
Chloroform	**0.61**	**J**	0.98	0.16	ug/m3			02/25/21 16:27	1
1,1,1-Trichloroethane	**4.3**		1.1	0.20	ug/m3			02/25/21 16:27	1
Cyclohexane	ND		0.69	0.16	ug/m3			02/25/21 16:27	1
Carbon tetrachloride	**0.39**		0.22	0.15	ug/m3			02/25/21 16:27	1
Benzene	**0.38**	**J**	0.64	0.21	ug/m3			02/25/21 16:27	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/25/21 16:27	1
Trichloroethene	**230**	**E**	0.20	0.19	ug/m3			02/25/21 16:27	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/25/21 16:27	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/25/21 16:27	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/25/21 16:27	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/25/21 16:27	1
Toluene	**0.72**	**J**	0.75	0.41	ug/m3			02/25/21 16:27	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/25/21 16:27	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 16:27	1
Tetrachloroethene	**0.91**	**J**	1.4	0.22	ug/m3			02/25/21 16:27	1
Methyl Butyl Ketone (2-Hexanone)	**0.37**	**J**	2.0	0.20	ug/m3			02/25/21 16:27	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/25/21 16:27	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/25/21 16:27	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/25/21 16:27	1
Ethylbenzene	**1.4**		0.87	0.27	ug/m3			02/25/21 16:27	1
m,p-Xylene	**7.0**		2.2	0.43	ug/m3			02/25/21 16:27	1
o-Xylene	**1.4**		0.87	0.21	ug/m3			02/25/21 16:27	1
Xylene (total)	**8.4**		3.0	0.21	ug/m3			02/25/21 16:27	1
Styrene	ND		0.85	0.17	ug/m3			02/25/21 16:27	1
Bromoform	ND		2.1	0.50	ug/m3			02/25/21 16:27	1
Isopropylbenzene (cumene)	ND		0.98	0.17	ug/m3			02/25/21 16:27	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/25/21 16:27	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/25/21 16:27	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/25/21 16:27	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/25/21 16:27	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/25/21 16:27	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: W25-SV-021821-0840
Date Collected: 02/18/21 16:00
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-19
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.68**		0.50	0.11	ppb v/v			02/25/21 16:27	1
Chloromethane	**0.31**	**J**	0.50	0.11	ppb v/v			02/25/21 16:27	1
Vinyl chloride	**0.46**		0.078	0.044	ppb v/v			02/25/21 16:27	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/25/21 16:27	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/25/21 16:27	1
Trichlorofluoromethane	**0.25**		0.20	0.060	ppb v/v			02/25/21 16:27	1
1,1,2-Trichlorotrifluoroethane	**0.082**	**J**	0.20	0.038	ppb v/v			02/25/21 16:27	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/25/21 16:27	1
Acetone	**5.8**		5.0	1.2	ppb v/v			02/25/21 16:27	1
Carbon disulfide	**0.16**	**J**	0.50	0.074	ppb v/v			02/25/21 16:27	1
Methylene Chloride	**1.2**		0.50	0.27	ppb v/v			02/25/21 16:27	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/25/21 16:27	1
trans-1,2-Dichloroethene	**0.079**	**J**	0.20	0.042	ppb v/v			02/25/21 16:27	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/25/21 16:27	1
Methyl Ethyl Ketone (2-Butanone)	**0.31**	**J**	0.50	0.072	ppb v/v			02/25/21 16:27	1
cis-1,2-Dichloroethene	**1.7**		0.050	0.045	ppb v/v			02/25/21 16:27	1
Chloroform	**0.12**	**J**	0.20	0.032	ppb v/v			02/25/21 16:27	1
1,1,1-Trichloroethane	**0.79**		0.20	0.036	ppb v/v			02/25/21 16:27	1
Cyclohexane	ND		0.20	0.046	ppb v/v			02/25/21 16:27	1
Carbon tetrachloride	**0.062**		0.035	0.024	ppb v/v			02/25/21 16:27	1
Benzene	**0.12**	**J**	0.20	0.067	ppb v/v			02/25/21 16:27	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/25/21 16:27	1
Trichloroethene	**44**	**E**	0.037	0.035	ppb v/v			02/25/21 16:27	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/25/21 16:27	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/25/21 16:27	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/25/21 16:27	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/25/21 16:27	1
Toluene	**0.19**	**J**	0.20	0.11	ppb v/v			02/25/21 16:27	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/25/21 16:27	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 16:27	1
Tetrachloroethene	**0.13**	**J**	0.20	0.033	ppb v/v			02/25/21 16:27	1
Methyl Butyl Ketone (2-Hexanone)	**0.089**	**J**	0.50	0.048	ppb v/v			02/25/21 16:27	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/25/21 16:27	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/25/21 16:27	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/25/21 16:27	1
Ethylbenzene	**0.31**		0.20	0.063	ppb v/v			02/25/21 16:27	1
m,p-Xylene	**1.6**		0.50	0.10	ppb v/v			02/25/21 16:27	1
o-Xylene	**0.33**		0.20	0.048	ppb v/v			02/25/21 16:27	1
Xylene (total)	**1.9**		0.70	0.048	ppb v/v			02/25/21 16:27	1
Styrene	ND		0.20	0.040	ppb v/v			02/25/21 16:27	1
Bromoform	ND		0.20	0.048	ppb v/v			02/25/21 16:27	1
Isopropylbenzene (cumene)	ND		0.20	0.035	ppb v/v			02/25/21 16:27	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/25/21 16:27	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/25/21 16:27	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/25/21 16:27	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/25/21 16:27	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/25/21 16:27	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: W25-SV-021821-0840
Date Collected: 02/18/21 16:00
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-19
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.9**	**J**	4.9	1.1	ug/m3			02/25/21 01:13	2
Chloromethane	ND		2.1	0.45	ug/m3			02/25/21 01:13	2
Vinyl chloride	**2.1**		0.40	0.22	ug/m3			02/25/21 01:13	2
Bromomethane	ND		1.6	0.40	ug/m3			02/25/21 01:13	2
Chloroethane	ND		2.6	0.28	ug/m3			02/25/21 01:13	2
Trichlorofluoromethane	**1.5**	**J**	2.2	0.67	ug/m3			02/25/21 01:13	2
1,1,2-Trichlorotrifluoroethane	**0.61**	**J**	3.1	0.58	ug/m3			02/25/21 01:13	2
1,1-Dichloroethene	ND		0.40	0.31	ug/m3			02/25/21 01:13	2
Acetone	**6.4**	**J**	24	5.7	ug/m3			02/25/21 01:13	2
Carbon disulfide	**0.83**	**J**	3.1	0.46	ug/m3			02/25/21 01:13	2
Methylene Chloride	ND		3.5	1.9	ug/m3			02/25/21 01:13	2
Methyl tert-butyl ether	ND		1.4	0.24	ug/m3			02/25/21 01:13	2
trans-1,2-Dichloroethene	**0.46**	**J**	1.6	0.33	ug/m3			02/25/21 01:13	2
1,1-Dichloroethane	ND		1.6	0.33	ug/m3			02/25/21 01:13	2
Methyl Ethyl Ketone (2-Butanone)	**1.1**	**J**	2.9	0.42	ug/m3			02/25/21 01:13	2
cis-1,2-Dichloroethene	**11**		0.40	0.36	ug/m3			02/25/21 01:13	2
Chloroform	**0.96**	**J**	2.0	0.31	ug/m3			02/25/21 01:13	2
1,1,1-Trichloroethane	**6.9**		2.2	0.39	ug/m3			02/25/21 01:13	2
Cyclohexane	ND		1.4	0.32	ug/m3			02/25/21 01:13	2
Carbon tetrachloride	**0.35**	**J**	0.44	0.30	ug/m3			02/25/21 01:13	2
Benzene	ND		1.3	0.43	ug/m3			02/25/21 01:13	2
1,2-Dichloroethane	ND		1.6	0.26	ug/m3			02/25/21 01:13	2
Trichloroethene	**380**		0.40	0.38	ug/m3			02/25/21 01:13	2
1,2-Dichloropropane	ND		1.8	0.31	ug/m3			02/25/21 01:13	2
Bromodichloromethane	ND		2.7	0.47	ug/m3			02/25/21 01:13	2
cis-1,3-Dichloropropene	ND		1.8	0.29	ug/m3			02/25/21 01:13	2
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		4.1	0.29	ug/m3			02/25/21 01:13	2
Toluene	**1.0**	**J *3**	1.5	0.83	ug/m3			02/25/21 01:13	2
trans-1,3-Dichloropropene	ND		1.8	0.35	ug/m3			02/25/21 01:13	2
1,1,2-Trichloroethane	ND	*3	2.2	0.39	ug/m3			02/25/21 01:13	2
Tetrachloroethene	**1.4**	**J *3**	2.7	0.45	ug/m3			02/25/21 01:13	2
Methyl Butyl Ketone (2-Hexanone)	ND	*3	4.1	0.39	ug/m3			02/25/21 01:13	2
Dibromochloromethane	ND	*3	3.4	0.61	ug/m3			02/25/21 01:13	2
1,2-Dibromoethane	ND	*3	3.1	0.75	ug/m3			02/25/21 01:13	2
Chlorobenzene	ND	*3	1.8	0.52	ug/m3			02/25/21 01:13	2
Ethylbenzene	**2.1**	***3**	1.7	0.55	ug/m3			02/25/21 01:13	2
m,p-Xylene	**11**	***3**	4.3	0.87	ug/m3			02/25/21 01:13	2
o-Xylene	**2.2**	***3**	1.7	0.42	ug/m3			02/25/21 01:13	2
Xylene (total)	**13**	***3**	6.1	0.42	ug/m3			02/25/21 01:13	2
Styrene	ND	*3	1.7	0.34	ug/m3			02/25/21 01:13	2
Bromoform	ND	*3	4.1	0.99	ug/m3			02/25/21 01:13	2
Isopropylbenzene (cumene)	ND	*3	2.0	0.34	ug/m3			02/25/21 01:13	2
1,1,2,2-Tetrachloroethane	ND	*3	2.7	0.58	ug/m3			02/25/21 01:13	2
1,3-Dichlorobenzene	ND	*3	2.4	1.3	ug/m3			02/25/21 01:13	2
1,4-Dichlorobenzene	ND	*3	2.4	1.4	ug/m3			02/25/21 01:13	2
1,2-Dichlorobenzene	ND	*3	2.4	1.2	ug/m3			02/25/21 01:13	2
1,2,4-Trichlorobenzene	ND	*3	7.4	3.3	ug/m3			02/25/21 01:13	2

Client Sample Results

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: W25-SV-021821-0840

Lab Sample ID: 200-57323-19

Date Collected: 02/18/21 16:00
Matrix: Air
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.59**	**J**	1.0	0.22	ppb v/v			02/25/21 01:13	2
Chloromethane	ND		1.0	0.22	ppb v/v			02/25/21 01:13	2
Vinyl chloride	**0.82**		0.16	0.088	ppb v/v			02/25/21 01:13	2
Bromomethane	ND		0.40	0.10	ppb v/v			02/25/21 01:13	2
Chloroethane	ND		1.0	0.11	ppb v/v			02/25/21 01:13	2
Trichlorofluoromethane	**0.27**	**J**	0.40	0.12	ppb v/v			02/25/21 01:13	2
1,1,2-Trichlorotrifluoroethane	**0.080**	**J**	0.40	0.076	ppb v/v			02/25/21 01:13	2
1,1-Dichloroethene	ND		0.10	0.078	ppb v/v			02/25/21 01:13	2
Acetone	**2.7**	**J**	10	2.4	ppb v/v			02/25/21 01:13	2
Carbon disulfide	**0.27**	**J**	1.0	0.15	ppb v/v			02/25/21 01:13	2
Methylene Chloride	ND		1.0	0.54	ppb v/v			02/25/21 01:13	2
Methyl tert-butyl ether	ND		0.40	0.066	ppb v/v			02/25/21 01:13	2
trans-1,2-Dichloroethene	**0.12**	**J**	0.40	0.084	ppb v/v			02/25/21 01:13	2
1,1-Dichloroethane	ND		0.40	0.082	ppb v/v			02/25/21 01:13	2
Methyl Ethyl Ketone (2-Butanone)	**0.36**	**J**	1.0	0.14	ppb v/v			02/25/21 01:13	2
cis-1,2-Dichloroethene	**2.8**		0.10	0.090	ppb v/v			02/25/21 01:13	2
Chloroform	**0.20**	**J**	0.40	0.064	ppb v/v			02/25/21 01:13	2
1,1,1-Trichloroethane	**1.3**		0.40	0.072	ppb v/v			02/25/21 01:13	2
Cyclohexane	ND		0.40	0.092	ppb v/v			02/25/21 01:13	2
Carbon tetrachloride	**0.056**	**J**	0.070	0.048	ppb v/v			02/25/21 01:13	2
Benzene	ND		0.40	0.13	ppb v/v			02/25/21 01:13	2
1,2-Dichloroethane	ND		0.40	0.064	ppb v/v			02/25/21 01:13	2
Trichloroethene	**72**		0.074	0.070	ppb v/v			02/25/21 01:13	2
1,2-Dichloropropane	ND		0.40	0.066	ppb v/v			02/25/21 01:13	2
Bromodichloromethane	ND		0.40	0.070	ppb v/v			02/25/21 01:13	2
cis-1,3-Dichloropropene	ND		0.40	0.064	ppb v/v			02/25/21 01:13	2
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		1.0	0.072	ppb v/v			02/25/21 01:13	2
Toluene	**0.28**	**J *3**	0.40	0.22	ppb v/v			02/25/21 01:13	2
trans-1,3-Dichloropropene	ND		0.40	0.078	ppb v/v			02/25/21 01:13	2
1,1,2-Trichloroethane	ND	*3	0.40	0.072	ppb v/v			02/25/21 01:13	2
Tetrachloroethene	**0.21**	**J *3**	0.40	0.066	ppb v/v			02/25/21 01:13	2
Methyl Butyl Ketone (2-Hexanone)	ND	*3	1.0	0.096	ppb v/v			02/25/21 01:13	2
Dibromochloromethane	ND	*3	0.40	0.072	ppb v/v			02/25/21 01:13	2
1,2-Dibromoethane	ND	*3	0.40	0.098	ppb v/v			02/25/21 01:13	2
Chlorobenzene	ND	*3	0.40	0.11	ppb v/v			02/25/21 01:13	2
Ethylbenzene	**0.49**	***3**	0.40	0.13	ppb v/v			02/25/21 01:13	2
m,p-Xylene	**2.5**	***3**	1.0	0.20	ppb v/v			02/25/21 01:13	2
o-Xylene	**0.51**	***3**	0.40	0.096	ppb v/v			02/25/21 01:13	2
Xylene (total)	**3.0**	***3**	1.4	0.096	ppb v/v			02/25/21 01:13	2
Styrene	ND	*3	0.40	0.080	ppb v/v			02/25/21 01:13	2
Bromoform	ND	*3	0.40	0.096	ppb v/v			02/25/21 01:13	2
Isopropylbenzene (cumene)	ND	*3	0.40	0.070	ppb v/v			02/25/21 01:13	2
1,1,2,2-Tetrachloroethane	ND	*3	0.40	0.084	ppb v/v			02/25/21 01:13	2
1,3-Dichlorobenzene	ND	*3	0.40	0.22	ppb v/v			02/25/21 01:13	2
1,4-Dichlorobenzene	ND	*3	0.40	0.24	ppb v/v			02/25/21 01:13	2
1,2-Dichlorobenzene	ND	*3	0.40	0.19	ppb v/v			02/25/21 01:13	2
1,2,4-Trichlorobenzene	ND	*3	1.0	0.44	ppb v/v			02/25/21 01:13	2

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: W25-IA-021821-0840
Date Collected: 02/18/21 15:45
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-20
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**3.0**		2.5	0.54	ug/m3			02/26/21 03:53	1
Chloromethane	**1.6**		1.0	0.23	ug/m3			02/26/21 03:53	1
Vinyl chloride	**0.66**		0.20	0.11	ug/m3			02/26/21 03:53	1
Bromomethane	ND		0.78	0.20	ug/m3			02/26/21 03:53	1
Chloroethane	ND		1.3	0.14	ug/m3			02/26/21 03:53	1
Trichlorofluoromethane	**1.7**		1.1	0.34	ug/m3			02/26/21 03:53	1
1,1,2-Trichlorotrifluoroethane	**0.71**	**J**	1.5	0.29	ug/m3			02/26/21 03:53	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/26/21 03:53	1
Acetone	**13**		12	2.9	ug/m3			02/26/21 03:53	1
Carbon disulfide	**0.82**	**J**	1.6	0.23	ug/m3			02/26/21 03:53	1
Methylene Chloride	**1.2**	**J**	1.7	0.94	ug/m3			02/26/21 03:53	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/26/21 03:53	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/26/21 03:53	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/26/21 03:53	1
Methyl Ethyl Ketone (2-Butanone)	**2.0**		1.5	0.21	ug/m3			02/26/21 03:53	1
cis-1,2-Dichloroethene	**0.18**	**J**	0.20	0.18	ug/m3			02/26/21 03:53	1
Chloroform	**0.19**	**J**	0.98	0.16	ug/m3			02/26/21 03:53	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 03:53	1
Cyclohexane	**0.49**	**J**	0.69	0.16	ug/m3			02/26/21 03:53	1
Carbon tetrachloride	**0.48**		0.22	0.15	ug/m3			02/26/21 03:53	1
Benzene	**1.2**		0.64	0.21	ug/m3			02/26/21 03:53	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/26/21 03:53	1
Trichloroethene	**0.52**		0.20	0.19	ug/m3			02/26/21 03:53	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/26/21 03:53	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/26/21 03:53	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/26/21 03:53	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/26/21 03:53	1
Toluene	**3.0**		0.75	0.41	ug/m3			02/26/21 03:53	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/26/21 03:53	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 03:53	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/26/21 03:53	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/26/21 03:53	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/26/21 03:53	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/26/21 03:53	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/26/21 03:53	1
Ethylbenzene	**1.4**		0.87	0.27	ug/m3			02/26/21 03:53	1
m,p-Xylene	**5.3**		2.2	0.43	ug/m3			02/26/21 03:53	1
o-Xylene	**1.6**		0.87	0.21	ug/m3			02/26/21 03:53	1
Xylene (total)	**6.9**		3.0	0.21	ug/m3			02/26/21 03:53	1
Styrene	**0.25**	**J**	0.85	0.17	ug/m3			02/26/21 03:53	1
Bromoform	ND		2.1	0.50	ug/m3			02/26/21 03:53	1
Isopropylbenzene (cumene)	**0.24**	**J**	0.98	0.17	ug/m3			02/26/21 03:53	1
1,1,2,2-Tetrachloroethane	**0.51**	**J**	1.4	0.29	ug/m3			02/26/21 03:53	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/26/21 03:53	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/26/21 03:53	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/26/21 03:53	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/26/21 03:53	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: W25-IA-021821-0840
Date Collected: 02/18/21 15:45
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-20
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.60**		0.50	0.11	ppb v/v			02/26/21 03:53	1
Chloromethane	**0.76**		0.50	0.11	ppb v/v			02/26/21 03:53	1
Vinyl chloride	**0.26**		0.078	0.044	ppb v/v			02/26/21 03:53	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/26/21 03:53	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/26/21 03:53	1
Trichlorofluoromethane	**0.30**		0.20	0.060	ppb v/v			02/26/21 03:53	1
1,1,2-Trichlorotrifluoroethane	**0.092**	**J**	0.20	0.038	ppb v/v			02/26/21 03:53	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/26/21 03:53	1
Acetone	**5.5**		5.0	1.2	ppb v/v			02/26/21 03:53	1
Carbon disulfide	**0.26**	**J**	0.50	0.074	ppb v/v			02/26/21 03:53	1
Methylene Chloride	**0.36**	**J**	0.50	0.27	ppb v/v			02/26/21 03:53	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/26/21 03:53	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/26/21 03:53	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/26/21 03:53	1
Methyl Ethyl Ketone (2-Butanone)	**0.68**		0.50	0.072	ppb v/v			02/26/21 03:53	1
cis-1,2-Dichloroethene	**0.045**	**J**	0.050	0.045	ppb v/v			02/26/21 03:53	1
Chloroform	**0.040**	**J**	0.20	0.032	ppb v/v			02/26/21 03:53	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 03:53	1
Cyclohexane	**0.14**	**J**	0.20	0.046	ppb v/v			02/26/21 03:53	1
Carbon tetrachloride	**0.076**		0.035	0.024	ppb v/v			02/26/21 03:53	1
Benzene	**0.36**		0.20	0.067	ppb v/v			02/26/21 03:53	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/26/21 03:53	1
Trichloroethene	**0.096**		0.037	0.035	ppb v/v			02/26/21 03:53	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/26/21 03:53	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/26/21 03:53	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/26/21 03:53	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/26/21 03:53	1
Toluene	**0.81**		0.20	0.11	ppb v/v			02/26/21 03:53	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/26/21 03:53	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 03:53	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/26/21 03:53	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/26/21 03:53	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/26/21 03:53	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/26/21 03:53	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/26/21 03:53	1
Ethylbenzene	**0.31**		0.20	0.063	ppb v/v			02/26/21 03:53	1
m,p-Xylene	**1.2**		0.50	0.10	ppb v/v			02/26/21 03:53	1
o-Xylene	**0.37**		0.20	0.048	ppb v/v			02/26/21 03:53	1
Xylene (total)	**1.6**		0.70	0.048	ppb v/v			02/26/21 03:53	1
Styrene	**0.058**	**J**	0.20	0.040	ppb v/v			02/26/21 03:53	1
Bromoform	ND		0.20	0.048	ppb v/v			02/26/21 03:53	1
Isopropylbenzene (cumene)	**0.049**	**J**	0.20	0.035	ppb v/v			02/26/21 03:53	1
1,1,2,2-Tetrachloroethane	**0.074**	**J**	0.20	0.042	ppb v/v			02/26/21 03:53	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/26/21 03:53	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/26/21 03:53	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/26/21 03:53	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/26/21 03:53	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: G29-IA-021821-0925
Date Collected: 02/18/21 16:40
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-21
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.2**	**J**	2.5	0.54	ug/m3			02/26/21 04:46	1
Chloromethane	**1.3**		1.0	0.23	ug/m3			02/26/21 04:46	1
Vinyl chloride	**0.31**		0.20	0.11	ug/m3			02/26/21 04:46	1
Bromomethane	ND		0.78	0.20	ug/m3			02/26/21 04:46	1
Chloroethane	ND		1.3	0.14	ug/m3			02/26/21 04:46	1
Trichlorofluoromethane	**1.4**		1.1	0.34	ug/m3			02/26/21 04:46	1
1,1,2-Trichlorotrifluoroethane	**0.61**	**J**	1.5	0.29	ug/m3			02/26/21 04:46	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/26/21 04:46	1
Acetone	**13**		12	2.9	ug/m3			02/26/21 04:46	1
Carbon disulfide	**0.33**	**J**	1.6	0.23	ug/m3			02/26/21 04:46	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/26/21 04:46	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/26/21 04:46	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/26/21 04:46	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/26/21 04:46	1
Methyl Ethyl Ketone (2-Butanone)	**5.7**		1.5	0.21	ug/m3			02/26/21 04:46	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/26/21 04:46	1
Chloroform	ND		0.98	0.16	ug/m3			02/26/21 04:46	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 04:46	1
Cyclohexane	**0.89**		0.69	0.16	ug/m3			02/26/21 04:46	1
Carbon tetrachloride	**0.39**		0.22	0.15	ug/m3			02/26/21 04:46	1
Benzene	**2.6**		0.64	0.21	ug/m3			02/26/21 04:46	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/26/21 04:46	1
Trichloroethene	**0.48**		0.20	0.19	ug/m3			02/26/21 04:46	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/26/21 04:46	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/26/21 04:46	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/26/21 04:46	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.73**	**J**	2.0	0.15	ug/m3			02/26/21 04:46	1
Toluene	**1.5**		0.75	0.41	ug/m3			02/26/21 04:46	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/26/21 04:46	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 04:46	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/26/21 04:46	1
Methyl Butyl Ketone (2-Hexanone)	**1.1**	**J**	2.0	0.20	ug/m3			02/26/21 04:46	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/26/21 04:46	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/26/21 04:46	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/26/21 04:46	1
Ethylbenzene	**2.4**		0.87	0.27	ug/m3			02/26/21 04:46	1
m,p-Xylene	**21**		2.2	0.43	ug/m3			02/26/21 04:46	1
o-Xylene	**2.6**		0.87	0.21	ug/m3			02/26/21 04:46	1
Xylene (total)	**24**		3.0	0.21	ug/m3			02/26/21 04:46	1
Styrene	**0.20**	**J**	0.85	0.17	ug/m3			02/26/21 04:46	1
Bromoform	ND		2.1	0.50	ug/m3			02/26/21 04:46	1
Isopropylbenzene (cumene)	**0.50**	**J**	0.98	0.17	ug/m3			02/26/21 04:46	1
1,1,2,2-Tetrachloroethane	**0.31**	**J**	1.4	0.29	ug/m3			02/26/21 04:46	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/26/21 04:46	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/26/21 04:46	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/26/21 04:46	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/26/21 04:46	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: G29-IA-021821-0925
Date Collected: 02/18/21 16:40
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-21
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.44**	**J**	0.50	0.11	ppb v/v			02/26/21 04:46	1
Chloromethane	**0.62**		0.50	0.11	ppb v/v			02/26/21 04:46	1
Vinyl chloride	**0.12**		0.078	0.044	ppb v/v			02/26/21 04:46	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/26/21 04:46	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/26/21 04:46	1
Trichlorofluoromethane	**0.25**		0.20	0.060	ppb v/v			02/26/21 04:46	1
1,1,2-Trichlorotrifluoroethane	**0.080**	**J**	0.20	0.038	ppb v/v			02/26/21 04:46	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/26/21 04:46	1
Acetone	**5.5**		5.0	1.2	ppb v/v			02/26/21 04:46	1
Carbon disulfide	**0.11**	**J**	0.50	0.074	ppb v/v			02/26/21 04:46	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/26/21 04:46	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/26/21 04:46	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/26/21 04:46	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/26/21 04:46	1
Methyl Ethyl Ketone (2-Butanone)	**1.9**		0.50	0.072	ppb v/v			02/26/21 04:46	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/26/21 04:46	1
Chloroform	ND		0.20	0.032	ppb v/v			02/26/21 04:46	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 04:46	1
Cyclohexane	**0.26**		0.20	0.046	ppb v/v			02/26/21 04:46	1
Carbon tetrachloride	**0.062**		0.035	0.024	ppb v/v			02/26/21 04:46	1
Benzene	**0.81**		0.20	0.067	ppb v/v			02/26/21 04:46	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/26/21 04:46	1
Trichloroethene	**0.089**		0.037	0.035	ppb v/v			02/26/21 04:46	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/26/21 04:46	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/26/21 04:46	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/26/21 04:46	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.18**	**J**	0.50	0.036	ppb v/v			02/26/21 04:46	1
Toluene	**0.40**		0.20	0.11	ppb v/v			02/26/21 04:46	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/26/21 04:46	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 04:46	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/26/21 04:46	1
Methyl Butyl Ketone (2-Hexanone)	**0.28**	**J**	0.50	0.048	ppb v/v			02/26/21 04:46	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/26/21 04:46	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/26/21 04:46	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/26/21 04:46	1
Ethylbenzene	**0.55**		0.20	0.063	ppb v/v			02/26/21 04:46	1
m,p-Xylene	**4.8**		0.50	0.10	ppb v/v			02/26/21 04:46	1
o-Xylene	**0.59**		0.20	0.048	ppb v/v			02/26/21 04:46	1
Xylene (total)	**5.4**		0.70	0.048	ppb v/v			02/26/21 04:46	1
Styrene	**0.047**	**J**	0.20	0.040	ppb v/v			02/26/21 04:46	1
Bromoform	ND		0.20	0.048	ppb v/v			02/26/21 04:46	1
Isopropylbenzene (cumene)	**0.10**	**J**	0.20	0.035	ppb v/v			02/26/21 04:46	1
1,1,2,2-Tetrachloroethane	**0.045**	**J**	0.20	0.042	ppb v/v			02/26/21 04:46	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/26/21 04:46	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/26/21 04:46	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/26/21 04:46	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/26/21 04:46	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: G29-SV-021821-0925
Date Collected: 02/18/21 15:00
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-22
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.9**		2.5	0.54	ug/m3			02/26/21 05:39	1
Chloromethane	**1.2**		1.0	0.23	ug/m3			02/26/21 05:39	1
Vinyl chloride	**3.2**		0.20	0.11	ug/m3			02/26/21 05:39	1
Bromomethane	ND		0.78	0.20	ug/m3			02/26/21 05:39	1
Chloroethane	ND		1.3	0.14	ug/m3			02/26/21 05:39	1
Trichlorofluoromethane	**2.0**		1.1	0.34	ug/m3			02/26/21 05:39	1
1,1,2-Trichlorotrifluoroethane	**0.96**	**J**	1.5	0.29	ug/m3			02/26/21 05:39	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/26/21 05:39	1
Acetone	**29**		12	2.9	ug/m3			02/26/21 05:39	1
Carbon disulfide	**11**		1.6	0.23	ug/m3			02/26/21 05:39	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/26/21 05:39	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/26/21 05:39	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/26/21 05:39	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/26/21 05:39	1
Methyl Ethyl Ketone (2-Butanone)	**4.4**		1.5	0.21	ug/m3			02/26/21 05:39	1
cis-1,2-Dichloroethene	**0.80**		0.20	0.18	ug/m3			02/26/21 05:39	1
Chloroform	**0.67**	**J**	0.98	0.16	ug/m3			02/26/21 05:39	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 05:39	1
Cyclohexane	**0.85**		0.69	0.16	ug/m3			02/26/21 05:39	1
Carbon tetrachloride	**0.56**		0.22	0.15	ug/m3			02/26/21 05:39	1
Benzene	**1.5**		0.64	0.21	ug/m3			02/26/21 05:39	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/26/21 05:39	1
Trichloroethene	**5.9**		0.20	0.19	ug/m3			02/26/21 05:39	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/26/21 05:39	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/26/21 05:39	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/26/21 05:39	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.80**	**J**	2.0	0.15	ug/m3			02/26/21 05:39	1
Toluene	**3.3**		0.75	0.41	ug/m3			02/26/21 05:39	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/26/21 05:39	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 05:39	1
Tetrachloroethene	**1.4**		1.4	0.22	ug/m3			02/26/21 05:39	1
Methyl Butyl Ketone (2-Hexanone)	**0.79**	**J**	2.0	0.20	ug/m3			02/26/21 05:39	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/26/21 05:39	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/26/21 05:39	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/26/21 05:39	1
Ethylbenzene	**2.7**		0.87	0.27	ug/m3			02/26/21 05:39	1
m,p-Xylene	**13**		2.2	0.43	ug/m3			02/26/21 05:39	1
o-Xylene	**3.0**		0.87	0.21	ug/m3			02/26/21 05:39	1
Xylene (total)	**16**		3.0	0.21	ug/m3			02/26/21 05:39	1
Styrene	**0.28**	**J**	0.85	0.17	ug/m3			02/26/21 05:39	1
Bromoform	ND		2.1	0.50	ug/m3			02/26/21 05:39	1
Isopropylbenzene (cumene)	**0.24**	**J**	0.98	0.17	ug/m3			02/26/21 05:39	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/26/21 05:39	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/26/21 05:39	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/26/21 05:39	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/26/21 05:39	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/26/21 05:39	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: G29-SV-021821-0925
Date Collected: 02/18/21 15:00
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-22
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.59**		0.50	0.11	ppb v/v			02/26/21 05:39	1
Chloromethane	**0.60**		0.50	0.11	ppb v/v			02/26/21 05:39	1
Vinyl chloride	**1.2**		0.078	0.044	ppb v/v			02/26/21 05:39	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/26/21 05:39	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/26/21 05:39	1
Trichlorofluoromethane	**0.35**		0.20	0.060	ppb v/v			02/26/21 05:39	1
1,1,2-Trichlorotrifluoroethane	**0.12**	**J**	0.20	0.038	ppb v/v			02/26/21 05:39	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/26/21 05:39	1
Acetone	**12**		5.0	1.2	ppb v/v			02/26/21 05:39	1
Carbon disulfide	**3.5**		0.50	0.074	ppb v/v			02/26/21 05:39	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/26/21 05:39	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/26/21 05:39	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/26/21 05:39	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/26/21 05:39	1
Methyl Ethyl Ketone (2-Butanone)	**1.5**		0.50	0.072	ppb v/v			02/26/21 05:39	1
cis-1,2-Dichloroethene	**0.20**		0.050	0.045	ppb v/v			02/26/21 05:39	1
Chloroform	**0.14**	**J**	0.20	0.032	ppb v/v			02/26/21 05:39	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 05:39	1
Cyclohexane	**0.25**		0.20	0.046	ppb v/v			02/26/21 05:39	1
Carbon tetrachloride	**0.088**		0.035	0.024	ppb v/v			02/26/21 05:39	1
Benzene	**0.48**		0.20	0.067	ppb v/v			02/26/21 05:39	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/26/21 05:39	1
Trichloroethene	**1.1**		0.037	0.035	ppb v/v			02/26/21 05:39	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/26/21 05:39	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/26/21 05:39	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/26/21 05:39	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.20**	**J**	0.50	0.036	ppb v/v			02/26/21 05:39	1
Toluene	**0.88**		0.20	0.11	ppb v/v			02/26/21 05:39	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/26/21 05:39	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 05:39	1
Tetrachloroethene	**0.21**		0.20	0.033	ppb v/v			02/26/21 05:39	1
Methyl Butyl Ketone (2-Hexanone)	**0.19**	**J**	0.50	0.048	ppb v/v			02/26/21 05:39	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/26/21 05:39	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/26/21 05:39	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/26/21 05:39	1
Ethylbenzene	**0.63**		0.20	0.063	ppb v/v			02/26/21 05:39	1
m,p-Xylene	**3.1**		0.50	0.10	ppb v/v			02/26/21 05:39	1
o-Xylene	**0.70**		0.20	0.048	ppb v/v			02/26/21 05:39	1
Xylene (total)	**3.7**		0.70	0.048	ppb v/v			02/26/21 05:39	1
Styrene	**0.065**	**J**	0.20	0.040	ppb v/v			02/26/21 05:39	1
Bromoform	ND		0.20	0.048	ppb v/v			02/26/21 05:39	1
Isopropylbenzene (cumene)	**0.048**	**J**	0.20	0.035	ppb v/v			02/26/21 05:39	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/26/21 05:39	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/26/21 05:39	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/26/21 05:39	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/26/21 05:39	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/26/21 05:39	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: E17-IA-021821-0950
Date Collected: 02/18/21 17:15
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-23
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.3**	**J**	2.5	0.54	ug/m3			02/26/21 06:32	1
Chloromethane	**1.4**		1.0	0.23	ug/m3			02/26/21 06:32	1
Vinyl chloride	**0.36**		0.20	0.11	ug/m3			02/26/21 06:32	1
Bromomethane	ND		0.78	0.20	ug/m3			02/26/21 06:32	1
Chloroethane	ND		1.3	0.14	ug/m3			02/26/21 06:32	1
Trichlorofluoromethane	**1.4**		1.1	0.34	ug/m3			02/26/21 06:32	1
1,1,2-Trichlorotrifluoroethane	**0.65**	**J**	1.5	0.29	ug/m3			02/26/21 06:32	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/26/21 06:32	1
Acetone	**20**		12	2.9	ug/m3			02/26/21 06:32	1
Carbon disulfide	**0.52**	**J**	1.6	0.23	ug/m3			02/26/21 06:32	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/26/21 06:32	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/26/21 06:32	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/26/21 06:32	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/26/21 06:32	1
Methyl Ethyl Ketone (2-Butanone)	**3.3**		1.5	0.21	ug/m3			02/26/21 06:32	1
cis-1,2-Dichloroethene	**0.38**		0.20	0.18	ug/m3			02/26/21 06:32	1
Chloroform	ND		0.98	0.16	ug/m3			02/26/21 06:32	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 06:32	1
Cyclohexane	**0.90**		0.69	0.16	ug/m3			02/26/21 06:32	1
Carbon tetrachloride	**0.43**		0.22	0.15	ug/m3			02/26/21 06:32	1
Benzene	**1.1**		0.64	0.21	ug/m3			02/26/21 06:32	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/26/21 06:32	1
Trichloroethene	**0.93**		0.20	0.19	ug/m3			02/26/21 06:32	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/26/21 06:32	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/26/21 06:32	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/26/21 06:32	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/26/21 06:32	1
Toluene	**1.4**		0.75	0.41	ug/m3			02/26/21 06:32	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/26/21 06:32	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 06:32	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/26/21 06:32	1
Methyl Butyl Ketone (2-Hexanone)	**0.43**	**J**	2.0	0.20	ug/m3			02/26/21 06:32	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/26/21 06:32	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/26/21 06:32	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/26/21 06:32	1
Ethylbenzene	**0.32**	**J**	0.87	0.27	ug/m3			02/26/21 06:32	1
m,p-Xylene	**1.1**	**J**	2.2	0.43	ug/m3			02/26/21 06:32	1
o-Xylene	**0.36**	**J**	0.87	0.21	ug/m3			02/26/21 06:32	1
Xylene (total)	**1.5**	**J**	3.0	0.21	ug/m3			02/26/21 06:32	1
Styrene	ND		0.85	0.17	ug/m3			02/26/21 06:32	1
Bromoform	ND		2.1	0.50	ug/m3			02/26/21 06:32	1
Isopropylbenzene (cumene)	ND		0.98	0.17	ug/m3			02/26/21 06:32	1
1,1,2,2-Tetrachloroethane	**0.50**	**J**	1.4	0.29	ug/m3			02/26/21 06:32	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/26/21 06:32	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/26/21 06:32	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/26/21 06:32	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/26/21 06:32	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: E17-IA-021821-0950
Date Collected: 02/18/21 17:15
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-23
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.46**	**J**	0.50	0.11	ppb v/v			02/26/21 06:32	1
Chloromethane	**0.68**		0.50	0.11	ppb v/v			02/26/21 06:32	1
Vinyl chloride	**0.14**		0.078	0.044	ppb v/v			02/26/21 06:32	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/26/21 06:32	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/26/21 06:32	1
Trichlorofluoromethane	**0.26**		0.20	0.060	ppb v/v			02/26/21 06:32	1
1,1,2-Trichlorotrifluoroethane	**0.085**	**J**	0.20	0.038	ppb v/v			02/26/21 06:32	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/26/21 06:32	1
Acetone	**8.4**		5.0	1.2	ppb v/v			02/26/21 06:32	1
Carbon disulfide	**0.17**	**J**	0.50	0.074	ppb v/v			02/26/21 06:32	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/26/21 06:32	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/26/21 06:32	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/26/21 06:32	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/26/21 06:32	1
Methyl Ethyl Ketone (2-Butanone)	**1.1**		0.50	0.072	ppb v/v			02/26/21 06:32	1
cis-1,2-Dichloroethene	**0.097**		0.050	0.045	ppb v/v			02/26/21 06:32	1
Chloroform	ND		0.20	0.032	ppb v/v			02/26/21 06:32	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 06:32	1
Cyclohexane	**0.26**		0.20	0.046	ppb v/v			02/26/21 06:32	1
Carbon tetrachloride	**0.068**		0.035	0.024	ppb v/v			02/26/21 06:32	1
Benzene	**0.34**		0.20	0.067	ppb v/v			02/26/21 06:32	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/26/21 06:32	1
Trichloroethene	**0.17**		0.037	0.035	ppb v/v			02/26/21 06:32	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/26/21 06:32	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/26/21 06:32	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/26/21 06:32	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/26/21 06:32	1
Toluene	**0.36**		0.20	0.11	ppb v/v			02/26/21 06:32	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/26/21 06:32	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 06:32	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/26/21 06:32	1
Methyl Butyl Ketone (2-Hexanone)	**0.10**	**J**	0.50	0.048	ppb v/v			02/26/21 06:32	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/26/21 06:32	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/26/21 06:32	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/26/21 06:32	1
Ethylbenzene	**0.073**	**J**	0.20	0.063	ppb v/v			02/26/21 06:32	1
m,p-Xylene	**0.25**	**J**	0.50	0.10	ppb v/v			02/26/21 06:32	1
o-Xylene	**0.083**	**J**	0.20	0.048	ppb v/v			02/26/21 06:32	1
Xylene (total)	**0.34**	**J**	0.70	0.048	ppb v/v			02/26/21 06:32	1
Styrene	ND		0.20	0.040	ppb v/v			02/26/21 06:32	1
Bromoform	ND		0.20	0.048	ppb v/v			02/26/21 06:32	1
Isopropylbenzene (cumene)	ND		0.20	0.035	ppb v/v			02/26/21 06:32	1
1,1,2,2-Tetrachloroethane	**0.073**	**J**	0.20	0.042	ppb v/v			02/26/21 06:32	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/26/21 06:32	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/26/21 06:32	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/26/21 06:32	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/26/21 06:32	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: E17-SV-021821-0950
Lab Sample ID: 200-57323-24
Date Collected: 02/18/21 17:15
Matrix: Air
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.2**	**J**	2.5	0.54	ug/m3			02/26/21 07:25	1
Chloromethane	**0.58**	**J**	1.0	0.23	ug/m3			02/26/21 07:25	1
Vinyl chloride	**4.4**		0.20	0.11	ug/m3			02/26/21 07:25	1
Bromomethane	ND		0.78	0.20	ug/m3			02/26/21 07:25	1
Chloroethane	ND		1.3	0.14	ug/m3			02/26/21 07:25	1
Trichlorofluoromethane	**6.2**		1.1	0.34	ug/m3			02/26/21 07:25	1
1,1,2-Trichlorotrifluoroethane	**2.9**		1.5	0.29	ug/m3			02/26/21 07:25	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/26/21 07:25	1
Acetone	**18**		12	2.9	ug/m3			02/26/21 07:25	1
Carbon disulfide	**1.1**	**J**	1.6	0.23	ug/m3			02/26/21 07:25	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/26/21 07:25	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/26/21 07:25	1
trans-1,2-Dichloroethene	**2.4**		0.79	0.17	ug/m3			02/26/21 07:25	1
1,1-Dichloroethane	**0.36**	**J**	0.81	0.17	ug/m3			02/26/21 07:25	1
Methyl Ethyl Ketone (2-Butanone)	**2.6**		1.5	0.21	ug/m3			02/26/21 07:25	1
cis-1,2-Dichloroethene	**9.5**		0.20	0.18	ug/m3			02/26/21 07:25	1
Chloroform	**29**		0.98	0.16	ug/m3			02/26/21 07:25	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 07:25	1
Cyclohexane	**7.5**		0.69	0.16	ug/m3			02/26/21 07:25	1
Carbon tetrachloride	**1.3**		0.22	0.15	ug/m3			02/26/21 07:25	1
Benzene	**19**		0.64	0.21	ug/m3			02/26/21 07:25	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/26/21 07:25	1
Trichloroethene	**170**		0.20	0.19	ug/m3			02/26/21 07:25	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/26/21 07:25	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/26/21 07:25	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/26/21 07:25	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/26/21 07:25	1
Toluene	**24**		0.75	0.41	ug/m3			02/26/21 07:25	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/26/21 07:25	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 07:25	1
Tetrachloroethene	**77**		1.4	0.22	ug/m3			02/26/21 07:25	1
Methyl Butyl Ketone (2-Hexanone)	**0.31**	**J**	2.0	0.20	ug/m3			02/26/21 07:25	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/26/21 07:25	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/26/21 07:25	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/26/21 07:25	1
Ethylbenzene	**2.5**		0.87	0.27	ug/m3			02/26/21 07:25	1
m,p-Xylene	**20**		2.2	0.43	ug/m3			02/26/21 07:25	1
o-Xylene	**4.7**		0.87	0.21	ug/m3			02/26/21 07:25	1
Xylene (total)	**25**		3.0	0.21	ug/m3			02/26/21 07:25	1
Styrene	**0.56**	**J**	0.85	0.17	ug/m3			02/26/21 07:25	1
Bromoform	ND		2.1	0.50	ug/m3			02/26/21 07:25	1
Isopropylbenzene (cumene)	**0.54**	**J**	0.98	0.17	ug/m3			02/26/21 07:25	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/26/21 07:25	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/26/21 07:25	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/26/21 07:25	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/26/21 07:25	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/26/21 07:25	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: E17-SV-021821-0950
Date Collected: 02/18/21 17:15
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-24
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.45**	**J**	0.50	0.11	ppb v/v			02/26/21 07:25	1
Chloromethane	**0.28**	**J**	0.50	0.11	ppb v/v			02/26/21 07:25	1
Vinyl chloride	**1.7**		0.078	0.044	ppb v/v			02/26/21 07:25	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/26/21 07:25	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/26/21 07:25	1
Trichlorofluoromethane	**1.1**		0.20	0.060	ppb v/v			02/26/21 07:25	1
1,1,2-Trichlorotrifluoroethane	**0.37**		0.20	0.038	ppb v/v			02/26/21 07:25	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/26/21 07:25	1
Acetone	**7.7**		5.0	1.2	ppb v/v			02/26/21 07:25	1
Carbon disulfide	**0.35**	**J**	0.50	0.074	ppb v/v			02/26/21 07:25	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/26/21 07:25	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/26/21 07:25	1
trans-1,2-Dichloroethene	**0.62**		0.20	0.042	ppb v/v			02/26/21 07:25	1
1,1-Dichloroethane	**0.089**	**J**	0.20	0.041	ppb v/v			02/26/21 07:25	1
Methyl Ethyl Ketone (2-Butanone)	**0.88**		0.50	0.072	ppb v/v			02/26/21 07:25	1
cis-1,2-Dichloroethene	**2.4**		0.050	0.045	ppb v/v			02/26/21 07:25	1
Chloroform	**6.0**		0.20	0.032	ppb v/v			02/26/21 07:25	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 07:25	1
Cyclohexane	**2.2**		0.20	0.046	ppb v/v			02/26/21 07:25	1
Carbon tetrachloride	**0.21**		0.035	0.024	ppb v/v			02/26/21 07:25	1
Benzene	**6.1**		0.20	0.067	ppb v/v			02/26/21 07:25	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/26/21 07:25	1
Trichloroethene	**31**		0.037	0.035	ppb v/v			02/26/21 07:25	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/26/21 07:25	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/26/21 07:25	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/26/21 07:25	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/26/21 07:25	1
Toluene	**6.5**		0.20	0.11	ppb v/v			02/26/21 07:25	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/26/21 07:25	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 07:25	1
Tetrachloroethene	**11**		0.20	0.033	ppb v/v			02/26/21 07:25	1
Methyl Butyl Ketone (2-Hexanone)	**0.075**	**J**	0.50	0.048	ppb v/v			02/26/21 07:25	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/26/21 07:25	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/26/21 07:25	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/26/21 07:25	1
Ethylbenzene	**0.57**		0.20	0.063	ppb v/v			02/26/21 07:25	1
m,p-Xylene	**4.6**		0.50	0.10	ppb v/v			02/26/21 07:25	1
o-Xylene	**1.1**		0.20	0.048	ppb v/v			02/26/21 07:25	1
Xylene (total)	**5.7**		0.70	0.048	ppb v/v			02/26/21 07:25	1
Styrene	**0.13**	**J**	0.20	0.040	ppb v/v			02/26/21 07:25	1
Bromoform	ND		0.20	0.048	ppb v/v			02/26/21 07:25	1
Isopropylbenzene (cumene)	**0.11**	**J**	0.20	0.035	ppb v/v			02/26/21 07:25	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/26/21 07:25	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/26/21 07:25	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/26/21 07:25	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/26/21 07:25	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/26/21 07:25	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: G3-IA-021821-1100
Date Collected: 02/18/21 17:30
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-25
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.3**	**J**	2.5	0.54	ug/m3			02/26/21 08:18	1
Chloromethane	**1.4**		1.0	0.23	ug/m3			02/26/21 08:18	1
Vinyl chloride	**0.35**		0.20	0.11	ug/m3			02/26/21 08:18	1
Bromomethane	ND		0.78	0.20	ug/m3			02/26/21 08:18	1
Chloroethane	ND		1.3	0.14	ug/m3			02/26/21 08:18	1
Trichlorofluoromethane	**1.4**		1.1	0.34	ug/m3			02/26/21 08:18	1
1,1,2-Trichlorotrifluoroethane	**0.62**	**J**	1.5	0.29	ug/m3			02/26/21 08:18	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/26/21 08:18	1
Acetone	**12**		12	2.9	ug/m3			02/26/21 08:18	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/26/21 08:18	1
Methylene Chloride	**1.5**	**J**	1.7	0.94	ug/m3			02/26/21 08:18	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/26/21 08:18	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/26/21 08:18	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/26/21 08:18	1
Methyl Ethyl Ketone (2-Butanone)	**2.5**		1.5	0.21	ug/m3			02/26/21 08:18	1
cis-1,2-Dichloroethene	**0.19**	**J**	0.20	0.18	ug/m3			02/26/21 08:18	1
Chloroform	**0.16**	**J**	0.98	0.16	ug/m3			02/26/21 08:18	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 08:18	1
Cyclohexane	**0.74**		0.69	0.16	ug/m3			02/26/21 08:18	1
Carbon tetrachloride	**0.42**		0.22	0.15	ug/m3			02/26/21 08:18	1
Benzene	**0.94**		0.64	0.21	ug/m3			02/26/21 08:18	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/26/21 08:18	1
Trichloroethene	**0.47**		0.20	0.19	ug/m3			02/26/21 08:18	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/26/21 08:18	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/26/21 08:18	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/26/21 08:18	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/26/21 08:18	1
Toluene	**1.3**		0.75	0.41	ug/m3			02/26/21 08:18	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/26/21 08:18	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 08:18	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/26/21 08:18	1
Methyl Butyl Ketone (2-Hexanone)	**0.29**	**J**	2.0	0.20	ug/m3			02/26/21 08:18	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/26/21 08:18	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/26/21 08:18	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/26/21 08:18	1
Ethylbenzene	**0.48**	**J**	0.87	0.27	ug/m3			02/26/21 08:18	1
m,p-Xylene	**1.4**	**J**	2.2	0.43	ug/m3			02/26/21 08:18	1
o-Xylene	**0.46**	**J**	0.87	0.21	ug/m3			02/26/21 08:18	1
Xylene (total)	**1.9**	**J**	3.0	0.21	ug/m3			02/26/21 08:18	1
Styrene	**0.27**	**J**	0.85	0.17	ug/m3			02/26/21 08:18	1
Bromoform	ND		2.1	0.50	ug/m3			02/26/21 08:18	1
Isopropylbenzene (cumene)	ND		0.98	0.17	ug/m3			02/26/21 08:18	1
1,1,2,2-Tetrachloroethane	**0.44**	**J**	1.4	0.29	ug/m3			02/26/21 08:18	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/26/21 08:18	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/26/21 08:18	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/26/21 08:18	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/26/21 08:18	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: G3-IA-021821-1100
Date Collected: 02/18/21 17:30
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-25
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.46**	**J**	0.50	0.11	ppb v/v			02/26/21 08:18	1
Chloromethane	**0.67**		0.50	0.11	ppb v/v			02/26/21 08:18	1
Vinyl chloride	**0.14**		0.078	0.044	ppb v/v			02/26/21 08:18	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/26/21 08:18	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/26/21 08:18	1
Trichlorofluoromethane	**0.25**		0.20	0.060	ppb v/v			02/26/21 08:18	1
1,1,2-Trichlorotrifluoroethane	**0.081**	**J**	0.20	0.038	ppb v/v			02/26/21 08:18	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/26/21 08:18	1
Acetone	**4.9**		5.0	1.2	ppb v/v			02/26/21 08:18	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/26/21 08:18	1
Methylene Chloride	**0.44**	**J**	0.50	0.27	ppb v/v			02/26/21 08:18	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/26/21 08:18	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/26/21 08:18	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/26/21 08:18	1
Methyl Ethyl Ketone (2-Butanone)	**0.84**		0.50	0.072	ppb v/v			02/26/21 08:18	1
cis-1,2-Dichloroethene	**0.048**	**J**	0.050	0.045	ppb v/v			02/26/21 08:18	1
Chloroform	**0.033**	**J**	0.20	0.032	ppb v/v			02/26/21 08:18	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 08:18	1
Cyclohexane	**0.22**		0.20	0.046	ppb v/v			02/26/21 08:18	1
Carbon tetrachloride	**0.067**		0.035	0.024	ppb v/v			02/26/21 08:18	1
Benzene	**0.29**		0.20	0.067	ppb v/v			02/26/21 08:18	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/26/21 08:18	1
Trichloroethene	**0.088**		0.037	0.035	ppb v/v			02/26/21 08:18	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/26/21 08:18	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/26/21 08:18	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/26/21 08:18	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/26/21 08:18	1
Toluene	**0.34**		0.20	0.11	ppb v/v			02/26/21 08:18	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/26/21 08:18	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 08:18	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/26/21 08:18	1
Methyl Butyl Ketone (2-Hexanone)	**0.072**	**J**	0.50	0.048	ppb v/v			02/26/21 08:18	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/26/21 08:18	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/26/21 08:18	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/26/21 08:18	1
Ethylbenzene	**0.11**	**J**	0.20	0.063	ppb v/v			02/26/21 08:18	1
m,p-Xylene	**0.31**	**J**	0.50	0.10	ppb v/v			02/26/21 08:18	1
o-Xylene	**0.11**	**J**	0.20	0.048	ppb v/v			02/26/21 08:18	1
Xylene (total)	**0.43**	**J**	0.70	0.048	ppb v/v			02/26/21 08:18	1
Styrene	**0.062**	**J**	0.20	0.040	ppb v/v			02/26/21 08:18	1
Bromoform	ND		0.20	0.048	ppb v/v			02/26/21 08:18	1
Isopropylbenzene (cumene)	ND		0.20	0.035	ppb v/v			02/26/21 08:18	1
1,1,2,2-Tetrachloroethane	**0.064**	**J**	0.20	0.042	ppb v/v			02/26/21 08:18	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/26/21 08:18	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/26/21 08:18	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/26/21 08:18	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/26/21 08:18	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: G3-SV-021821-1100
Date Collected: 02/18/21 17:30
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-26
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**3.2**		2.5	0.54	ug/m3			02/26/21 09:11	1
Chloromethane	**0.96**	**J**	1.0	0.23	ug/m3			02/26/21 09:11	1
Vinyl chloride	**0.59**		0.20	0.11	ug/m3			02/26/21 09:11	1
Bromomethane	ND		0.78	0.20	ug/m3			02/26/21 09:11	1
Chloroethane	**0.43**	**J**	1.3	0.14	ug/m3			02/26/21 09:11	1
Trichlorofluoromethane	**1.6**		1.1	0.34	ug/m3			02/26/21 09:11	1
1,1,2-Trichlorotrifluoroethane	**0.62**	**J**	1.5	0.29	ug/m3			02/26/21 09:11	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/26/21 09:11	1
Acetone	**22**		12	2.9	ug/m3			02/26/21 09:11	1
Carbon disulfide	**4.0**		1.6	0.23	ug/m3			02/26/21 09:11	1
Methylene Chloride	**3.8**		1.7	0.94	ug/m3			02/26/21 09:11	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/26/21 09:11	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/26/21 09:11	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/26/21 09:11	1
Methyl Ethyl Ketone (2-Butanone)	**5.0**		1.5	0.21	ug/m3			02/26/21 09:11	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/26/21 09:11	1
Chloroform	**6.7**		0.98	0.16	ug/m3			02/26/21 09:11	1
1,1,1-Trichloroethane	**0.50**	**J**	1.1	0.20	ug/m3			02/26/21 09:11	1
Cyclohexane	ND		0.69	0.16	ug/m3			02/26/21 09:11	1
Carbon tetrachloride	**0.37**		0.22	0.15	ug/m3			02/26/21 09:11	1
Benzene	**0.39**	**J**	0.64	0.21	ug/m3			02/26/21 09:11	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/26/21 09:11	1
Trichloroethene	**0.87**		0.20	0.19	ug/m3			02/26/21 09:11	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/26/21 09:11	1
Bromodichloromethane	**1.3**		1.3	0.23	ug/m3			02/26/21 09:11	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/26/21 09:11	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/26/21 09:11	1
Toluene	**2.1**		0.75	0.41	ug/m3			02/26/21 09:11	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/26/21 09:11	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 09:11	1
Tetrachloroethene	**0.65**	**J**	1.4	0.22	ug/m3			02/26/21 09:11	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/26/21 09:11	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/26/21 09:11	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/26/21 09:11	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/26/21 09:11	1
Ethylbenzene	**5.9**		0.87	0.27	ug/m3			02/26/21 09:11	1
m,p-Xylene	**22**		2.2	0.43	ug/m3			02/26/21 09:11	1
o-Xylene	**5.2**		0.87	0.21	ug/m3			02/26/21 09:11	1
Xylene (total)	**27**		3.0	0.21	ug/m3			02/26/21 09:11	1
Styrene	**0.34**	**J**	0.85	0.17	ug/m3			02/26/21 09:11	1
Bromoform	ND		2.1	0.50	ug/m3			02/26/21 09:11	1
Isopropylbenzene (cumene)	ND		0.98	0.17	ug/m3			02/26/21 09:11	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/26/21 09:11	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/26/21 09:11	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/26/21 09:11	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/26/21 09:11	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/26/21 09:11	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: G3-SV-021821-1100

Lab Sample ID: 200-57323-26

Date Collected: 02/18/21 17:30
Matrix: Air
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.64**		0.50	0.11	ppb v/v			02/26/21 09:11	1
Chloromethane	**0.46**	**J**	0.50	0.11	ppb v/v			02/26/21 09:11	1
Vinyl chloride	**0.23**		0.078	0.044	ppb v/v			02/26/21 09:11	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/26/21 09:11	1
Chloroethane	**0.16**	**J**	0.50	0.054	ppb v/v			02/26/21 09:11	1
Trichlorofluoromethane	**0.28**		0.20	0.060	ppb v/v			02/26/21 09:11	1
1,1,2-Trichlorotrifluoroethane	**0.081**	**J**	0.20	0.038	ppb v/v			02/26/21 09:11	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/26/21 09:11	1
Acetone	**9.1**		5.0	1.2	ppb v/v			02/26/21 09:11	1
Carbon disulfide	**1.3**		0.50	0.074	ppb v/v			02/26/21 09:11	1
Methylene Chloride	**1.1**		0.50	0.27	ppb v/v			02/26/21 09:11	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/26/21 09:11	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/26/21 09:11	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/26/21 09:11	1
Methyl Ethyl Ketone (2-Butanone)	**1.7**		0.50	0.072	ppb v/v			02/26/21 09:11	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/26/21 09:11	1
Chloroform	**1.4**		0.20	0.032	ppb v/v			02/26/21 09:11	1
1,1,1-Trichloroethane	**0.092**	**J**	0.20	0.036	ppb v/v			02/26/21 09:11	1
Cyclohexane	ND		0.20	0.046	ppb v/v			02/26/21 09:11	1
Carbon tetrachloride	**0.059**		0.035	0.024	ppb v/v			02/26/21 09:11	1
Benzene	**0.12**	**J**	0.20	0.067	ppb v/v			02/26/21 09:11	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/26/21 09:11	1
Trichloroethene	**0.16**		0.037	0.035	ppb v/v			02/26/21 09:11	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/26/21 09:11	1
Bromodichloromethane	**0.20**		0.20	0.035	ppb v/v			02/26/21 09:11	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/26/21 09:11	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/26/21 09:11	1
Toluene	**0.55**		0.20	0.11	ppb v/v			02/26/21 09:11	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/26/21 09:11	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 09:11	1
Tetrachloroethene	**0.096**	**J**	0.20	0.033	ppb v/v			02/26/21 09:11	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/26/21 09:11	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/26/21 09:11	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/26/21 09:11	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/26/21 09:11	1
Ethylbenzene	**1.4**		0.20	0.063	ppb v/v			02/26/21 09:11	1
m,p-Xylene	**5.1**		0.50	0.10	ppb v/v			02/26/21 09:11	1
o-Xylene	**1.2**		0.20	0.048	ppb v/v			02/26/21 09:11	1
Xylene (total)	**6.3**		0.70	0.048	ppb v/v			02/26/21 09:11	1
Styrene	**0.080**	**J**	0.20	0.040	ppb v/v			02/26/21 09:11	1
Bromoform	ND		0.20	0.048	ppb v/v			02/26/21 09:11	1
Isopropylbenzene (cumene)	ND		0.20	0.035	ppb v/v			02/26/21 09:11	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/26/21 09:11	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/26/21 09:11	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/26/21 09:11	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/26/21 09:11	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/26/21 09:11	1

Client Sample ID: J41-SV-021821-1112

Lab Sample ID: 200-57323-27

Date Collected: 02/18/21 18:12

Matrix: Air

Date Received: 02/23/21 11:00

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.8**		2.5	0.54	ug/m3			02/26/21 14:37	1
Chloromethane	**0.73**	**J**	1.0	0.23	ug/m3			02/26/21 14:37	1
Vinyl chloride	**1.4**		0.20	0.11	ug/m3			02/26/21 14:37	1
Bromomethane	ND		0.78	0.20	ug/m3			02/26/21 14:37	1
Chloroethane	ND		1.3	0.14	ug/m3			02/26/21 14:37	1
Trichlorofluoromethane	**1.6**		1.1	0.34	ug/m3			02/26/21 14:37	1
1,1,2-Trichlorotrifluoroethane	**1.6**		1.5	0.29	ug/m3			02/26/21 14:37	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/26/21 14:37	1
Acetone	**50**		12	2.9	ug/m3			02/26/21 14:37	1
Carbon disulfide	**0.47**	**J**	1.6	0.23	ug/m3			02/26/21 14:37	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/26/21 14:37	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/26/21 14:37	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/26/21 14:37	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/26/21 14:37	1
Methyl Ethyl Ketone (2-Butanone)	**9.3**		1.5	0.21	ug/m3			02/26/21 14:37	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/26/21 14:37	1
Chloroform	**0.52**	**J**	0.98	0.16	ug/m3			02/26/21 14:37	1
1,1,1-Trichloroethane	**1.9**		1.1	0.20	ug/m3			02/26/21 14:37	1
Cyclohexane	**0.78**		0.69	0.16	ug/m3			02/26/21 14:37	1
Carbon tetrachloride	**0.38**		0.22	0.15	ug/m3			02/26/21 14:37	1
Benzene	**0.79**		0.64	0.21	ug/m3			02/26/21 14:37	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/26/21 14:37	1
Trichloroethene	**24**		0.20	0.19	ug/m3			02/26/21 14:37	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/26/21 14:37	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/26/21 14:37	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/26/21 14:37	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**1.9**	**J**	2.0	0.15	ug/m3			02/26/21 14:37	1
Toluene	**3.5**		0.75	0.41	ug/m3			02/26/21 14:37	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/26/21 14:37	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 14:37	1
Tetrachloroethene	**36**		1.4	0.22	ug/m3			02/26/21 14:37	1
Methyl Butyl Ketone (2-Hexanone)	**8.5**		2.0	0.20	ug/m3			02/26/21 14:37	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/26/21 14:37	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/26/21 14:37	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/26/21 14:37	1
Ethylbenzene	**2.9**		0.87	0.27	ug/m3			02/26/21 14:37	1
m,p-Xylene	**14**		2.2	0.43	ug/m3			02/26/21 14:37	1
o-Xylene	**3.6**		0.87	0.21	ug/m3			02/26/21 14:37	1
Xylene (total)	**18**		3.0	0.21	ug/m3			02/26/21 14:37	1
Styrene	**0.36**	**J**	0.85	0.17	ug/m3			02/26/21 14:37	1
Bromoform	ND		2.1	0.50	ug/m3			02/26/21 14:37	1
Isopropylbenzene (cumene)	**0.26**	**J**	0.98	0.17	ug/m3			02/26/21 14:37	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/26/21 14:37	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/26/21 14:37	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/26/21 14:37	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/26/21 14:37	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/26/21 14:37	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: J41-SV-021821-1112
Date Collected: 02/18/21 18:12
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-27
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.58**		0.50	0.11	ppb v/v			02/26/21 14:37	1
Chloromethane	**0.35**	**J**	0.50	0.11	ppb v/v			02/26/21 14:37	1
Vinyl chloride	**0.55**		0.078	0.044	ppb v/v			02/26/21 14:37	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/26/21 14:37	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/26/21 14:37	1
Trichlorofluoromethane	**0.28**		0.20	0.060	ppb v/v			02/26/21 14:37	1
1,1,2-Trichlorotrifluoroethane	**0.20**		0.20	0.038	ppb v/v			02/26/21 14:37	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/26/21 14:37	1
Acetone	**21**		5.0	1.2	ppb v/v			02/26/21 14:37	1
Carbon disulfide	**0.15**	**J**	0.50	0.074	ppb v/v			02/26/21 14:37	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/26/21 14:37	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/26/21 14:37	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/26/21 14:37	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/26/21 14:37	1
Methyl Ethyl Ketone (2-Butanone)	**3.2**		0.50	0.072	ppb v/v			02/26/21 14:37	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/26/21 14:37	1
Chloroform	**0.11**	**J**	0.20	0.032	ppb v/v			02/26/21 14:37	1
1,1,1-Trichloroethane	**0.35**		0.20	0.036	ppb v/v			02/26/21 14:37	1
Cyclohexane	**0.23**		0.20	0.046	ppb v/v			02/26/21 14:37	1
Carbon tetrachloride	**0.061**		0.035	0.024	ppb v/v			02/26/21 14:37	1
Benzene	**0.25**		0.20	0.067	ppb v/v			02/26/21 14:37	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/26/21 14:37	1
Trichloroethene	**4.5**		0.037	0.035	ppb v/v			02/26/21 14:37	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/26/21 14:37	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/26/21 14:37	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/26/21 14:37	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.46**	**J**	0.50	0.036	ppb v/v			02/26/21 14:37	1
Toluene	**0.92**		0.20	0.11	ppb v/v			02/26/21 14:37	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/26/21 14:37	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 14:37	1
Tetrachloroethene	**5.3**		0.20	0.033	ppb v/v			02/26/21 14:37	1
Methyl Butyl Ketone (2-Hexanone)	**2.1**		0.50	0.048	ppb v/v			02/26/21 14:37	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/26/21 14:37	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/26/21 14:37	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/26/21 14:37	1
Ethylbenzene	**0.66**		0.20	0.063	ppb v/v			02/26/21 14:37	1
m,p-Xylene	**3.3**		0.50	0.10	ppb v/v			02/26/21 14:37	1
o-Xylene	**0.83**		0.20	0.048	ppb v/v			02/26/21 14:37	1
Xylene (total)	**4.1**		0.70	0.048	ppb v/v			02/26/21 14:37	1
Styrene	**0.084**	**J**	0.20	0.040	ppb v/v			02/26/21 14:37	1
Bromoform	ND		0.20	0.048	ppb v/v			02/26/21 14:37	1
Isopropylbenzene (cumene)	**0.054**	**J**	0.20	0.035	ppb v/v			02/26/21 14:37	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/26/21 14:37	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/26/21 14:37	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/26/21 14:37	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/26/21 14:37	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/26/21 14:37	1

Client Sample ID: J41-IA-021821-1112

Lab Sample ID: 200-57323-28

Date Collected: 02/18/21 16:50
Matrix: Air
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.6**		2.5	0.54	ug/m3			02/26/21 15:30	1
Chloromethane	**1.5**		1.0	0.23	ug/m3			02/26/21 15:30	1
Vinyl chloride	**0.53**		0.20	0.11	ug/m3			02/26/21 15:30	1
Bromomethane	ND		0.78	0.20	ug/m3			02/26/21 15:30	1
Chloroethane	ND		1.3	0.14	ug/m3			02/26/21 15:30	1
Trichlorofluoromethane	**1.7**		1.1	0.34	ug/m3			02/26/21 15:30	1
1,1,2-Trichlorotrifluoroethane	**0.67**	**J**	1.5	0.29	ug/m3			02/26/21 15:30	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/26/21 15:30	1
Acetone	**11**	**J**	12	2.9	ug/m3			02/26/21 15:30	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/26/21 15:30	1
Methylene Chloride	**1.0**	**J**	1.7	0.94	ug/m3			02/26/21 15:30	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/26/21 15:30	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/26/21 15:30	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/26/21 15:30	1
Methyl Ethyl Ketone (2-Butanone)	**1.3**	**J**	1.5	0.21	ug/m3			02/26/21 15:30	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/26/21 15:30	1
Chloroform	ND		0.98	0.16	ug/m3			02/26/21 15:30	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 15:30	1
Cyclohexane	ND		0.69	0.16	ug/m3			02/26/21 15:30	1
Carbon tetrachloride	**0.47**		0.22	0.15	ug/m3			02/26/21 15:30	1
Benzene	**0.82**		0.64	0.21	ug/m3			02/26/21 15:30	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/26/21 15:30	1
Trichloroethene	**0.42**		0.20	0.19	ug/m3			02/26/21 15:30	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/26/21 15:30	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/26/21 15:30	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/26/21 15:30	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/26/21 15:30	1
Toluene	**1.2**		0.75	0.41	ug/m3			02/26/21 15:30	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/26/21 15:30	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 15:30	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/26/21 15:30	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/26/21 15:30	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/26/21 15:30	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/26/21 15:30	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/26/21 15:30	1
Ethylbenzene	**0.28**	**J**	0.87	0.27	ug/m3			02/26/21 15:30	1
m,p-Xylene	**0.89**	**J**	2.2	0.43	ug/m3			02/26/21 15:30	1
o-Xylene	**0.37**	**J**	0.87	0.21	ug/m3			02/26/21 15:30	1
Xylene (total)	**1.3**	**J**	3.0	0.21	ug/m3			02/26/21 15:30	1
Styrene	ND		0.85	0.17	ug/m3			02/26/21 15:30	1
Bromoform	ND		2.1	0.50	ug/m3			02/26/21 15:30	1
Isopropylbenzene (cumene)	ND		0.98	0.17	ug/m3			02/26/21 15:30	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/26/21 15:30	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/26/21 15:30	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/26/21 15:30	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/26/21 15:30	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/26/21 15:30	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: J41-IA-021821-1112
Date Collected: 02/18/21 16:50
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-28
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.54**		0.50	0.11	ppb v/v			02/26/21 15:30	1
Chloromethane	**0.73**		0.50	0.11	ppb v/v			02/26/21 15:30	1
Vinyl chloride	**0.21**		0.078	0.044	ppb v/v			02/26/21 15:30	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/26/21 15:30	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/26/21 15:30	1
Trichlorofluoromethane	**0.30**		0.20	0.060	ppb v/v			02/26/21 15:30	1
1,1,2-Trichlorotrifluoroethane	**0.088**	**J**	0.20	0.038	ppb v/v			02/26/21 15:30	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/26/21 15:30	1
Acetone	**4.7**	**J**	5.0	1.2	ppb v/v			02/26/21 15:30	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/26/21 15:30	1
Methylene Chloride	**0.29**	**J**	0.50	0.27	ppb v/v			02/26/21 15:30	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/26/21 15:30	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/26/21 15:30	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/26/21 15:30	1
Methyl Ethyl Ketone (2-Butanone)	**0.43**	**J**	0.50	0.072	ppb v/v			02/26/21 15:30	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/26/21 15:30	1
Chloroform	ND		0.20	0.032	ppb v/v			02/26/21 15:30	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 15:30	1
Cyclohexane	ND		0.20	0.046	ppb v/v			02/26/21 15:30	1
Carbon tetrachloride	**0.074**		0.035	0.024	ppb v/v			02/26/21 15:30	1
Benzene	**0.26**		0.20	0.067	ppb v/v			02/26/21 15:30	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/26/21 15:30	1
Trichloroethene	**0.079**		0.037	0.035	ppb v/v			02/26/21 15:30	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/26/21 15:30	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/26/21 15:30	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/26/21 15:30	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/26/21 15:30	1
Toluene	**0.31**		0.20	0.11	ppb v/v			02/26/21 15:30	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/26/21 15:30	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 15:30	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/26/21 15:30	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/26/21 15:30	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/26/21 15:30	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/26/21 15:30	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/26/21 15:30	1
Ethylbenzene	**0.064**	**J**	0.20	0.063	ppb v/v			02/26/21 15:30	1
m,p-Xylene	**0.20**	**J**	0.50	0.10	ppb v/v			02/26/21 15:30	1
o-Xylene	**0.086**	**J**	0.20	0.048	ppb v/v			02/26/21 15:30	1
Xylene (total)	**0.29**	**J**	0.70	0.048	ppb v/v			02/26/21 15:30	1
Styrene	ND		0.20	0.040	ppb v/v			02/26/21 15:30	1
Bromoform	ND		0.20	0.048	ppb v/v			02/26/21 15:30	1
Isopropylbenzene (cumene)	ND		0.20	0.035	ppb v/v			02/26/21 15:30	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/26/21 15:30	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/26/21 15:30	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/26/21 15:30	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/26/21 15:30	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/26/21 15:30	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 200-164231/4
Matrix: Air
Analysis Batch: 164231

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		2.5	0.54	ug/m3			02/24/21 10:12	1
Chloromethane	ND		1.0	0.23	ug/m3			02/24/21 10:12	1
Vinyl chloride	ND		0.20	0.11	ug/m3			02/24/21 10:12	1
Bromomethane	ND		0.78	0.20	ug/m3			02/24/21 10:12	1
Chloroethane	ND		1.3	0.14	ug/m3			02/24/21 10:12	1
Trichlorofluoromethane	ND		1.1	0.34	ug/m3			02/24/21 10:12	1
1,1,2-Trichlorotrifluoroethane	ND		1.5	0.29	ug/m3			02/24/21 10:12	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/24/21 10:12	1
Acetone	ND		12	2.9	ug/m3			02/24/21 10:12	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/24/21 10:12	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/24/21 10:12	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/24/21 10:12	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/24/21 10:12	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/24/21 10:12	1
Methyl Ethyl Ketone (2-Butanone)	ND		1.5	0.21	ug/m3			02/24/21 10:12	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/24/21 10:12	1
Chloroform	ND		0.98	0.16	ug/m3			02/24/21 10:12	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 10:12	1
Cyclohexane	ND		0.69	0.16	ug/m3			02/24/21 10:12	1
Carbon tetrachloride	ND		0.22	0.15	ug/m3			02/24/21 10:12	1
Benzene	ND		0.64	0.21	ug/m3			02/24/21 10:12	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/24/21 10:12	1
Trichloroethene	ND		0.20	0.19	ug/m3			02/24/21 10:12	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/24/21 10:12	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/24/21 10:12	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/24/21 10:12	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/24/21 10:12	1
Toluene	ND		0.75	0.41	ug/m3			02/24/21 10:12	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/24/21 10:12	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 10:12	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/24/21 10:12	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/24/21 10:12	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/24/21 10:12	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/24/21 10:12	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/24/21 10:12	1
Ethylbenzene	ND		0.87	0.27	ug/m3			02/24/21 10:12	1
m,p-Xylene	ND		2.2	0.43	ug/m3			02/24/21 10:12	1
o-Xylene	ND		0.87	0.21	ug/m3			02/24/21 10:12	1
Xylene (total)	ND		3.0	0.21	ug/m3			02/24/21 10:12	1
Styrene	ND		0.85	0.17	ug/m3			02/24/21 10:12	1
Bromoform	ND		2.1	0.50	ug/m3			02/24/21 10:12	1
Isopropylbenzene (cumene)	ND		0.98	0.17	ug/m3			02/24/21 10:12	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/24/21 10:12	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/24/21 10:12	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/24/21 10:12	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/24/21 10:12	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/24/21 10:12	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.11	ppb v/v			02/24/21 10:12	1
Chloromethane	ND		0.50	0.11	ppb v/v			02/24/21 10:12	1
Vinyl chloride	ND		0.078	0.044	ppb v/v			02/24/21 10:12	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/24/21 10:12	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/24/21 10:12	1
Trichlorofluoromethane	ND		0.20	0.060	ppb v/v			02/24/21 10:12	1
1,1,2-Trichlorotrifluoroethane	ND		0.20	0.038	ppb v/v			02/24/21 10:12	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/24/21 10:12	1
Acetone	ND		5.0	1.2	ppb v/v			02/24/21 10:12	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/24/21 10:12	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/24/21 10:12	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/24/21 10:12	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/24/21 10:12	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/24/21 10:12	1
Methyl Ethyl Ketone (2-Butanone)	ND		0.50	0.072	ppb v/v			02/24/21 10:12	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/24/21 10:12	1
Chloroform	ND		0.20	0.032	ppb v/v			02/24/21 10:12	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 10:12	1
Cyclohexane	ND		0.20	0.046	ppb v/v			02/24/21 10:12	1
Carbon tetrachloride	ND		0.035	0.024	ppb v/v			02/24/21 10:12	1
Benzene	ND		0.20	0.067	ppb v/v			02/24/21 10:12	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/24/21 10:12	1
Trichloroethene	ND		0.037	0.035	ppb v/v			02/24/21 10:12	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/24/21 10:12	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/24/21 10:12	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/24/21 10:12	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/24/21 10:12	1
Toluene	ND		0.20	0.11	ppb v/v			02/24/21 10:12	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/24/21 10:12	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 10:12	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/24/21 10:12	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/24/21 10:12	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/24/21 10:12	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/24/21 10:12	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/24/21 10:12	1
Ethylbenzene	ND		0.20	0.063	ppb v/v			02/24/21 10:12	1
m,p-Xylene	ND		0.50	0.10	ppb v/v			02/24/21 10:12	1
o-Xylene	ND		0.20	0.048	ppb v/v			02/24/21 10:12	1
Xylene (total)	ND		0.70	0.048	ppb v/v			02/24/21 10:12	1
Styrene	ND		0.20	0.040	ppb v/v			02/24/21 10:12	1
Bromoform	ND		0.20	0.048	ppb v/v			02/24/21 10:12	1
Isopropylbenzene (cumene)	ND		0.20	0.035	ppb v/v			02/24/21 10:12	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/24/21 10:12	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/24/21 10:12	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/24/21 10:12	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/24/21 10:12	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/24/21 10:12	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-164231/3
Matrix: Air
Analysis Batch: 164231

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	52.3	49.8		ug/m3		95	61 - 142
Chloromethane	20.5	22.0		ug/m3		107	56 - 141
Vinyl chloride	25.5	25.6		ug/m3		100	61 - 135
Bromomethane	40.4	43.2		ug/m3		107	72 - 124
Chloroethane	27.9	28.0		ug/m3		101	68 - 130
Trichlorofluoromethane	58.5	64.6		ug/m3		111	70 - 129
1,1,2-Trichlorotrifluoroethane	81.8	83.4		ug/m3		102	70 - 121
1,1-Dichloroethene	40.4	38.1		ug/m3		94	68 - 120
Acetone	24.8	23.9		ug/m3		96	54 - 154
Carbon disulfide	32.3	28.5		ug/m3		88	71 - 138
Methylene Chloride	35.6	32.3		ug/m3		91	59 - 137
Methyl tert-butyl ether	38.1	39.2		ug/m3		103	70 - 127
trans-1,2-Dichloroethene	40.9	41.6		ug/m3		102	69 - 137
1,1-Dichloroethane	41.6	37.9		ug/m3		91	66 - 130
Methyl Ethyl Ketone (2-Butanone)	30.5	29.6		ug/m3		97	72 - 124
cis-1,2-Dichloroethene	41.1	36.6		ug/m3		89	72 - 121
Chloroform	50.4	51.6		ug/m3		102	73 - 124
1,1,1-Trichloroethane	56.3	60.8		ug/m3		108	72 - 127
Cyclohexane	35.2	36.1		ug/m3		103	76 - 124
Carbon tetrachloride	63.2	66.9		ug/m3		106	71 - 133
Benzene	33.2	33.5		ug/m3		101	73 - 119
1,2-Dichloroethane	42.3	46.4		ug/m3		110	68 - 135
Trichloroethene	55.3	53.9		ug/m3		97	73 - 122
1,2-Dichloropropane	47.8	48.5		ug/m3		101	69 - 128
Bromodichloromethane	68.9	76.6		ug/m3		111	75 - 127
cis-1,3-Dichloropropene	45.1	50.3		ug/m3		112	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.7	42.1		ug/m3		101	58 - 144
Toluene	38.4	39.5		ug/m3		103	75 - 122
trans-1,3-Dichloropropene	44.7	49.2		ug/m3		110	74 - 128
1,1,2-Trichloroethane	57.2	58.7		ug/m3		103	75 - 126
Tetrachloroethene	71.0	68.7		ug/m3		97	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.4	41.4		ug/m3		100	57 - 143
Dibromochloromethane	90.3	86.9		ug/m3		96	73 - 125
1,2-Dibromoethane	81.9	86.6		ug/m3		106	78 - 122
Chlorobenzene	48.3	50.5		ug/m3		105	76 - 119
Ethylbenzene	44.4	46.5		ug/m3		105	74 - 122
m,p-Xylene	86.8	95.6		ug/m3		110	76 - 121
o-Xylene	45.0	47.4		ug/m3		105	73 - 123
Styrene	43.8	48.8		ug/m3		111	74 - 125
Bromoform	106	105		ug/m3		99	53 - 149
Isopropylbenzene (cumene)	51.4	54.7		ug/m3		106	73 - 123
1,1,2,2-Tetrachloroethane	71.0	75.5		ug/m3		106	74 - 126
1,3-Dichlorobenzene	61.1	71.4		ug/m3		117	69 - 131
1,4-Dichlorobenzene	62.5	70.7		ug/m3		113	67 - 132
1,2-Dichlorobenzene	64.7	71.2		ug/m3		110	68 - 129
1,2,4-Trichlorobenzene	81.5	100		ug/m3		123	50 - 150

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	11	10.1		ppb v/v		95	61 - 142
Chloromethane	9.9	10.6		ppb v/v		107	56 - 141
Vinyl chloride	10	10.0		ppb v/v		100	61 - 135
Bromomethane	10	11.1		ppb v/v		107	72 - 124
Chloroethane	11	10.6		ppb v/v		101	68 - 130
Trichlorofluoromethane	10	11.5		ppb v/v		111	70 - 129
1,1,2-Trichlorotrifluoroethane	11	10.9		ppb v/v		102	70 - 121
1,1-Dichloroethene	10	9.62		ppb v/v		94	68 - 120
Acetone	10	10.1		ppb v/v		96	54 - 154
Carbon disulfide	10	9.16		ppb v/v		88	71 - 138
Methylene Chloride	10	9.29		ppb v/v		91	59 - 137
Methyl tert-butyl ether	11	10.9		ppb v/v		103	70 - 127
trans-1,2-Dichloroethene	10	10.5		ppb v/v		102	69 - 137
1,1-Dichloroethane	10	9.37		ppb v/v		91	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	10.0		ppb v/v		97	72 - 124
cis-1,2-Dichloroethene	10	9.24		ppb v/v		89	72 - 121
Chloroform	10	10.6		ppb v/v		102	73 - 124
1,1,1-Trichloroethane	10	11.1		ppb v/v		108	72 - 127
Cyclohexane	10	10.5		ppb v/v		103	76 - 124
Carbon tetrachloride	10	10.6		ppb v/v		106	71 - 133
Benzene	10	10.5		ppb v/v		101	73 - 119
1,2-Dichloroethane	10	11.5		ppb v/v		110	68 - 135
Trichloroethene	10	10.0		ppb v/v		97	73 - 122
1,2-Dichloropropane	10	10.5		ppb v/v		101	69 - 128
Bromodichloromethane	10	11.4		ppb v/v		111	75 - 127
cis-1,3-Dichloropropene	9.9	11.1		ppb v/v		112	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	10.3		ppb v/v		101	58 - 144
Toluene	10	10.5		ppb v/v		103	75 - 122
trans-1,3-Dichloropropene	9.8	10.8		ppb v/v		110	74 - 128
1,1,2-Trichloroethane	10	10.8		ppb v/v		103	75 - 126
Tetrachloroethene	10	10.1		ppb v/v		97	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	10.1		ppb v/v		100	57 - 143
Dibromochloromethane	11	10.2		ppb v/v		96	73 - 125
1,2-Dibromoethane	11	11.3		ppb v/v		106	78 - 122
Chlorobenzene	10	11.0		ppb v/v		105	76 - 119
Ethylbenzene	10	10.7		ppb v/v		105	74 - 122
m,p-Xylene	20	22.0		ppb v/v		110	76 - 121
o-Xylene	10	10.9		ppb v/v		105	73 - 123
Styrene	10	11.4		ppb v/v		111	74 - 125
Bromoform	10	10.2		ppb v/v		99	53 - 149
Isopropylbenzene (cumene)	10	11.1		ppb v/v		106	73 - 123
1,1,2,2-Tetrachloroethane	10	11.0		ppb v/v		106	74 - 126
1,3-Dichlorobenzene	10	11.9		ppb v/v		117	69 - 131
1,4-Dichlorobenzene	10	11.8		ppb v/v		113	67 - 132
1,2-Dichlorobenzene	11	11.8		ppb v/v		110	68 - 129
1,2,4-Trichlorobenzene	11	13.5		ppb v/v		123	50 - 150

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-164273/5
Matrix: Air
Analysis Batch: 164273

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		2.5	0.54	ug/m3			02/25/21 14:45	1
Chloromethane	ND		1.0	0.23	ug/m3			02/25/21 14:45	1
Vinyl chloride	ND		0.20	0.11	ug/m3			02/25/21 14:45	1
Bromomethane	ND		0.78	0.20	ug/m3			02/25/21 14:45	1
Chloroethane	ND		1.3	0.14	ug/m3			02/25/21 14:45	1
Trichlorofluoromethane	ND		1.1	0.34	ug/m3			02/25/21 14:45	1
1,1,2-Trichlorotrifluoroethane	ND		1.5	0.29	ug/m3			02/25/21 14:45	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/25/21 14:45	1
Acetone	ND		12	2.9	ug/m3			02/25/21 14:45	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/25/21 14:45	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/25/21 14:45	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/25/21 14:45	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/25/21 14:45	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/25/21 14:45	1
Methyl Ethyl Ketone (2-Butanone)	ND		1.5	0.21	ug/m3			02/25/21 14:45	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/25/21 14:45	1
Chloroform	ND		0.98	0.16	ug/m3			02/25/21 14:45	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 14:45	1
Cyclohexane	ND		0.69	0.16	ug/m3			02/25/21 14:45	1
Carbon tetrachloride	ND		0.22	0.15	ug/m3			02/25/21 14:45	1
Benzene	ND		0.64	0.21	ug/m3			02/25/21 14:45	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/25/21 14:45	1
Trichloroethene	ND		0.20	0.19	ug/m3			02/25/21 14:45	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/25/21 14:45	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/25/21 14:45	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/25/21 14:45	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/25/21 14:45	1
Toluene	ND		0.75	0.41	ug/m3			02/25/21 14:45	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/25/21 14:45	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 14:45	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/25/21 14:45	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/25/21 14:45	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/25/21 14:45	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/25/21 14:45	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/25/21 14:45	1
Ethylbenzene	0.274	J	0.87	0.27	ug/m3			02/25/21 14:45	1
m,p-Xylene	ND		2.2	0.43	ug/m3			02/25/21 14:45	1
o-Xylene	ND		0.87	0.21	ug/m3			02/25/21 14:45	1
Xylene (total)	ND		3.0	0.21	ug/m3			02/25/21 14:45	1
Styrene	ND		0.85	0.17	ug/m3			02/25/21 14:45	1
Bromoform	ND		2.1	0.50	ug/m3			02/25/21 14:45	1
Isopropylbenzene (cumene)	ND		0.98	0.17	ug/m3			02/25/21 14:45	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/25/21 14:45	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/25/21 14:45	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/25/21 14:45	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/25/21 14:45	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/25/21 14:45	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.11	ppb v/v			02/25/21 14:45	1
Chloromethane	ND		0.50	0.11	ppb v/v			02/25/21 14:45	1
Vinyl chloride	ND		0.078	0.044	ppb v/v			02/25/21 14:45	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/25/21 14:45	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/25/21 14:45	1
Trichlorofluoromethane	ND		0.20	0.060	ppb v/v			02/25/21 14:45	1
1,1,2-Trichlorotrifluoroethane	ND		0.20	0.038	ppb v/v			02/25/21 14:45	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/25/21 14:45	1
Acetone	ND		5.0	1.2	ppb v/v			02/25/21 14:45	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/25/21 14:45	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/25/21 14:45	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/25/21 14:45	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/25/21 14:45	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/25/21 14:45	1
Methyl Ethyl Ketone (2-Butanone)	ND		0.50	0.072	ppb v/v			02/25/21 14:45	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/25/21 14:45	1
Chloroform	ND		0.20	0.032	ppb v/v			02/25/21 14:45	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 14:45	1
Cyclohexane	ND		0.20	0.046	ppb v/v			02/25/21 14:45	1
Carbon tetrachloride	ND		0.035	0.024	ppb v/v			02/25/21 14:45	1
Benzene	ND		0.20	0.067	ppb v/v			02/25/21 14:45	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/25/21 14:45	1
Trichloroethene	ND		0.037	0.035	ppb v/v			02/25/21 14:45	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/25/21 14:45	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/25/21 14:45	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/25/21 14:45	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/25/21 14:45	1
Toluene	ND		0.20	0.11	ppb v/v			02/25/21 14:45	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/25/21 14:45	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 14:45	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/25/21 14:45	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/25/21 14:45	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/25/21 14:45	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/25/21 14:45	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/25/21 14:45	1
Ethylbenzene	0.0631	J	0.20	0.063	ppb v/v			02/25/21 14:45	1
m,p-Xylene	ND		0.50	0.10	ppb v/v			02/25/21 14:45	1
o-Xylene	ND		0.20	0.048	ppb v/v			02/25/21 14:45	1
Xylene (total)	ND		0.70	0.048	ppb v/v			02/25/21 14:45	1
Styrene	ND		0.20	0.040	ppb v/v			02/25/21 14:45	1
Bromoform	ND		0.20	0.048	ppb v/v			02/25/21 14:45	1
Isopropylbenzene (cumene)	ND		0.20	0.035	ppb v/v			02/25/21 14:45	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/25/21 14:45	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/25/21 14:45	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/25/21 14:45	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/25/21 14:45	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/25/21 14:45	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-164273/4
Matrix: Air
Analysis Batch: 164273

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	52.3	61.0		ug/m3		117	61 - 142
Chloromethane	20.5	31.5	*+	ug/m3		154	56 - 141
Vinyl chloride	25.5	31.6		ug/m3		124	61 - 135
Bromomethane	40.4	48.5		ug/m3		120	72 - 124
Chloroethane	27.9	30.3		ug/m3		109	68 - 130
Trichlorofluoromethane	58.5	51.1		ug/m3		87	70 - 129
1,1,2-Trichlorotrifluoroethane	81.8	70.4		ug/m3		86	70 - 121
1,1-Dichloroethene	40.4	34.0		ug/m3		84	68 - 120
Acetone	24.8	22.1		ug/m3		89	54 - 154
Carbon disulfide	32.3	28.9		ug/m3		90	71 - 138
Methylene Chloride	35.6	26.5		ug/m3		74	59 - 137
Methyl tert-butyl ether	38.1	32.7		ug/m3		86	70 - 127
trans-1,2-Dichloroethene	40.9	35.1		ug/m3		86	69 - 137
1,1-Dichloroethane	41.6	36.1		ug/m3		87	66 - 130
Methyl Ethyl Ketone (2-Butanone)	30.5	27.2		ug/m3		89	72 - 124
cis-1,2-Dichloroethene	41.1	41.8		ug/m3		102	72 - 121
Chloroform	50.4	47.2		ug/m3		94	73 - 124
1,1,1-Trichloroethane	56.3	46.5		ug/m3		83	72 - 127
Cyclohexane	35.2	33.5		ug/m3		95	76 - 124
Carbon tetrachloride	63.2	55.7		ug/m3		88	71 - 133
Benzene	33.2	28.6		ug/m3		86	73 - 119
1,2-Dichloroethane	42.3	38.2		ug/m3		90	68 - 135
Trichloroethene	55.3	56.0		ug/m3		101	73 - 122
1,2-Dichloropropane	47.8	54.0		ug/m3		113	69 - 128
Bromodichloromethane	68.9	74.4		ug/m3		108	75 - 127
cis-1,3-Dichloropropene	45.1	49.4		ug/m3		110	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.7	38.1		ug/m3		91	58 - 144
Toluene	38.4	38.9		ug/m3		101	75 - 122
trans-1,3-Dichloropropene	44.7	51.2		ug/m3		115	74 - 128
1,1,2-Trichloroethane	57.2	55.6		ug/m3		97	75 - 126
Tetrachloroethene	71.0	68.0		ug/m3		96	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.4	33.6		ug/m3		81	57 - 143
Dibromochloromethane	90.3	85.2		ug/m3		94	73 - 125
1,2-Dibromoethane	81.9	92.1		ug/m3		112	78 - 122
Chlorobenzene	48.3	50.4		ug/m3		104	76 - 119
Ethylbenzene	44.4	42.5		ug/m3		96	74 - 122
m,p-Xylene	86.8	79.0		ug/m3		91	76 - 121
o-Xylene	45.0	44.6		ug/m3		99	73 - 123
Styrene	43.8	48.9		ug/m3		112	74 - 125
Bromoform	106	123		ug/m3		116	53 - 149
Isopropylbenzene (cumene)	51.4	53.3		ug/m3		104	73 - 123
1,1,2,2-Tetrachloroethane	71.0	69.0		ug/m3		97	74 - 126
1,3-Dichlorobenzene	61.1	70.0		ug/m3		115	69 - 131
1,4-Dichlorobenzene	62.5	68.2		ug/m3		109	67 - 132
1,2-Dichlorobenzene	64.7	70.4		ug/m3		109	68 - 129
1,2,4-Trichlorobenzene	81.5	69.8		ug/m3		86	50 - 150

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	11	12.3		ppb v/v		117	61 - 142
Chloromethane	9.9	15.3	*+	ppb v/v		154	56 - 141
Vinyl chloride	10	12.3		ppb v/v		124	61 - 135
Bromomethane	10	12.5		ppb v/v		120	72 - 124
Chloroethane	11	11.5		ppb v/v		109	68 - 130
Trichlorofluoromethane	10	9.10		ppb v/v		87	70 - 129
1,1,2-Trichlorotrifluoroethane	11	9.19		ppb v/v		86	70 - 121
1,1-Dichloroethene	10	8.57		ppb v/v		84	68 - 120
Acetone	10	9.31		ppb v/v		89	54 - 154
Carbon disulfide	10	9.29		ppb v/v		90	71 - 138
Methylene Chloride	10	7.62		ppb v/v		74	59 - 137
Methyl tert-butyl ether	11	9.06		ppb v/v		86	70 - 127
trans-1,2-Dichloroethene	10	8.85		ppb v/v		86	69 - 137
1,1-Dichloroethane	10	8.92		ppb v/v		87	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	9.22		ppb v/v		89	72 - 124
cis-1,2-Dichloroethene	10	10.5		ppb v/v		102	72 - 121
Chloroform	10	9.68		ppb v/v		94	73 - 124
1,1,1-Trichloroethane	10	8.53		ppb v/v		83	72 - 127
Cyclohexane	10	9.73		ppb v/v		95	76 - 124
Carbon tetrachloride	10	8.85		ppb v/v		88	71 - 133
Benzene	10	8.95		ppb v/v		86	73 - 119
1,2-Dichloroethane	10	9.45		ppb v/v		90	68 - 135
Trichloroethene	10	10.4		ppb v/v		101	73 - 122
1,2-Dichloropropane	10	11.7		ppb v/v		113	69 - 128
Bromodichloromethane	10	11.1		ppb v/v		108	75 - 127
cis-1,3-Dichloropropene	9.9	10.9		ppb v/v		110	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	9.30		ppb v/v		91	58 - 144
Toluene	10	10.3		ppb v/v		101	75 - 122
trans-1,3-Dichloropropene	9.8	11.3		ppb v/v		115	74 - 128
1,1,2-Trichloroethane	10	10.2		ppb v/v		97	75 - 126
Tetrachloroethene	10	10.0		ppb v/v		96	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	8.20		ppb v/v		81	57 - 143
Dibromochloromethane	11	10.0		ppb v/v		94	73 - 125
1,2-Dibromoethane	11	12.0		ppb v/v		112	78 - 122
Chlorobenzene	10	11.0		ppb v/v		104	76 - 119
Ethylbenzene	10	9.78		ppb v/v		96	74 - 122
m,p-Xylene	20	18.2		ppb v/v		91	76 - 121
o-Xylene	10	10.3		ppb v/v		99	73 - 123
Styrene	10	11.5		ppb v/v		112	74 - 125
Bromoform	10	11.9		ppb v/v		116	53 - 149
Isopropylbenzene (cumene)	10	10.8		ppb v/v		104	73 - 123
1,1,2,2-Tetrachloroethane	10	10.0		ppb v/v		97	74 - 126
1,3-Dichlorobenzene	10	11.6		ppb v/v		115	69 - 131
1,4-Dichlorobenzene	10	11.3		ppb v/v		109	67 - 132
1,2-Dichlorobenzene	11	11.7		ppb v/v		109	68 - 129
1,2,4-Trichlorobenzene	11	9.41		ppb v/v		86	50 - 150

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-164278/4
Matrix: Air
Analysis Batch: 164278

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		2.5	0.54	ug/m3			02/25/21 12:56	1
Chloromethane	ND		1.0	0.23	ug/m3			02/25/21 12:56	1
Vinyl chloride	ND		0.20	0.11	ug/m3			02/25/21 12:56	1
Bromomethane	ND		0.78	0.20	ug/m3			02/25/21 12:56	1
Chloroethane	ND		1.3	0.14	ug/m3			02/25/21 12:56	1
Trichlorofluoromethane	ND		1.1	0.34	ug/m3			02/25/21 12:56	1
1,1,2-Trichlorotrifluoroethane	ND		1.5	0.29	ug/m3			02/25/21 12:56	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/25/21 12:56	1
Acetone	ND		12	2.9	ug/m3			02/25/21 12:56	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/25/21 12:56	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/25/21 12:56	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/25/21 12:56	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/25/21 12:56	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/25/21 12:56	1
Methyl Ethyl Ketone (2-Butanone)	ND		1.5	0.21	ug/m3			02/25/21 12:56	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/25/21 12:56	1
Chloroform	ND		0.98	0.16	ug/m3			02/25/21 12:56	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 12:56	1
Cyclohexane	ND		0.69	0.16	ug/m3			02/25/21 12:56	1
Carbon tetrachloride	ND		0.22	0.15	ug/m3			02/25/21 12:56	1
Benzene	ND		0.64	0.21	ug/m3			02/25/21 12:56	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/25/21 12:56	1
Trichloroethene	ND		0.20	0.19	ug/m3			02/25/21 12:56	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/25/21 12:56	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/25/21 12:56	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/25/21 12:56	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/25/21 12:56	1
Toluene	ND		0.75	0.41	ug/m3			02/25/21 12:56	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/25/21 12:56	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 12:56	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/25/21 12:56	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/25/21 12:56	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/25/21 12:56	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/25/21 12:56	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/25/21 12:56	1
Ethylbenzene	ND		0.87	0.27	ug/m3			02/25/21 12:56	1
m,p-Xylene	ND		2.2	0.43	ug/m3			02/25/21 12:56	1
o-Xylene	ND		0.87	0.21	ug/m3			02/25/21 12:56	1
Xylene (total)	ND		3.0	0.21	ug/m3			02/25/21 12:56	1
Styrene	ND		0.85	0.17	ug/m3			02/25/21 12:56	1
Bromoform	ND		2.1	0.50	ug/m3			02/25/21 12:56	1
Isopropylbenzene (cumene)	ND		0.98	0.17	ug/m3			02/25/21 12:56	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/25/21 12:56	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/25/21 12:56	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/25/21 12:56	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/25/21 12:56	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/25/21 12:56	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.11	ppb v/v			02/25/21 12:56	1
Chloromethane	ND		0.50	0.11	ppb v/v			02/25/21 12:56	1
Vinyl chloride	ND		0.078	0.044	ppb v/v			02/25/21 12:56	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/25/21 12:56	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/25/21 12:56	1
Trichlorofluoromethane	ND		0.20	0.060	ppb v/v			02/25/21 12:56	1
1,1,2-Trichlorotrifluoroethane	ND		0.20	0.038	ppb v/v			02/25/21 12:56	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/25/21 12:56	1
Acetone	ND		5.0	1.2	ppb v/v			02/25/21 12:56	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/25/21 12:56	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/25/21 12:56	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/25/21 12:56	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/25/21 12:56	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/25/21 12:56	1
Methyl Ethyl Ketone (2-Butanone)	ND		0.50	0.072	ppb v/v			02/25/21 12:56	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/25/21 12:56	1
Chloroform	ND		0.20	0.032	ppb v/v			02/25/21 12:56	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 12:56	1
Cyclohexane	ND		0.20	0.046	ppb v/v			02/25/21 12:56	1
Carbon tetrachloride	ND		0.035	0.024	ppb v/v			02/25/21 12:56	1
Benzene	ND		0.20	0.067	ppb v/v			02/25/21 12:56	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/25/21 12:56	1
Trichloroethene	ND		0.037	0.035	ppb v/v			02/25/21 12:56	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/25/21 12:56	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/25/21 12:56	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/25/21 12:56	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/25/21 12:56	1
Toluene	ND		0.20	0.11	ppb v/v			02/25/21 12:56	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/25/21 12:56	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 12:56	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/25/21 12:56	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/25/21 12:56	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/25/21 12:56	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/25/21 12:56	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/25/21 12:56	1
Ethylbenzene	ND		0.20	0.063	ppb v/v			02/25/21 12:56	1
m,p-Xylene	ND		0.50	0.10	ppb v/v			02/25/21 12:56	1
o-Xylene	ND		0.20	0.048	ppb v/v			02/25/21 12:56	1
Xylene (total)	ND		0.70	0.048	ppb v/v			02/25/21 12:56	1
Styrene	ND		0.20	0.040	ppb v/v			02/25/21 12:56	1
Bromoform	ND		0.20	0.048	ppb v/v			02/25/21 12:56	1
Isopropylbenzene (cumene)	ND		0.20	0.035	ppb v/v			02/25/21 12:56	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/25/21 12:56	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/25/21 12:56	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/25/21 12:56	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/25/21 12:56	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/25/21 12:56	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-164278/3
Matrix: Air
Analysis Batch: 164278

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	52.3	47.1		ug/m3		90	61 - 142
Chloromethane	20.5	23.1		ug/m3		113	56 - 141
Vinyl chloride	25.5	24.7		ug/m3		97	61 - 135
Bromomethane	40.4	42.4		ug/m3		105	72 - 124
Chloroethane	27.9	28.0		ug/m3		100	68 - 130
Trichlorofluoromethane	58.5	61.9		ug/m3		106	70 - 129
1,1,2-Trichlorotrifluoroethane	81.8	89.0		ug/m3		109	70 - 121
1,1-Dichloroethene	40.4	41.8		ug/m3		104	68 - 120
Acetone	24.8	25.9		ug/m3		105	54 - 154
Carbon disulfide	32.3	32.8		ug/m3		102	71 - 138
Methylene Chloride	35.6	37.4		ug/m3		105	59 - 137
Methyl tert-butyl ether	38.1	40.1		ug/m3		105	70 - 127
trans-1,2-Dichloroethene	40.9	43.7		ug/m3		107	69 - 137
1,1-Dichloroethane	41.6	39.5		ug/m3		95	66 - 130
Methyl Ethyl Ketone (2-Butanone)	30.5	31.1		ug/m3		102	72 - 124
cis-1,2-Dichloroethene	41.1	38.0		ug/m3		92	72 - 121
Chloroform	50.4	51.6		ug/m3		102	73 - 124
1,1,1-Trichloroethane	56.3	56.2		ug/m3		100	72 - 127
Cyclohexane	35.2	37.2		ug/m3		106	76 - 124
Carbon tetrachloride	63.2	60.3		ug/m3		95	71 - 133
Benzene	33.2	34.7		ug/m3		105	73 - 119
1,2-Dichloroethane	42.3	43.3		ug/m3		102	68 - 135
Trichloroethene	55.3	53.9		ug/m3		97	73 - 122
1,2-Dichloropropane	47.8	51.4		ug/m3		108	69 - 128
Bromodichloromethane	68.9	73.2		ug/m3		106	75 - 127
cis-1,3-Dichloropropene	45.1	51.0		ug/m3		113	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.7	43.2		ug/m3		104	58 - 144
Toluene	38.4	40.4		ug/m3		105	75 - 122
trans-1,3-Dichloropropene	44.7	48.6		ug/m3		109	74 - 128
1,1,2-Trichloroethane	57.2	59.6		ug/m3		104	75 - 126
Tetrachloroethene	71.0	66.3		ug/m3		93	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.4	42.9		ug/m3		103	57 - 143
Dibromochloromethane	90.3	81.9		ug/m3		91	73 - 125
1,2-Dibromoethane	81.9	86.9		ug/m3		106	78 - 122
Chlorobenzene	48.3	50.4		ug/m3		104	76 - 119
Ethylbenzene	44.4	46.5		ug/m3		105	74 - 122
m,p-Xylene	86.8	94.8		ug/m3		109	76 - 121
o-Xylene	45.0	47.5		ug/m3		106	73 - 123
Styrene	43.8	48.6		ug/m3		111	74 - 125
Bromoform	106	97.1		ug/m3		91	53 - 149
Isopropylbenzene (cumene)	51.4	53.9		ug/m3		105	73 - 123
1,1,2,2-Tetrachloroethane	71.0	76.8		ug/m3		108	74 - 126
1,3-Dichlorobenzene	61.1	68.9		ug/m3		113	69 - 131
1,4-Dichlorobenzene	62.5	68.9		ug/m3		110	67 - 132
1,2-Dichlorobenzene	64.7	67.3		ug/m3		104	68 - 129
1,2,4-Trichlorobenzene	81.5	95.3		ug/m3		117	50 - 150

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	11	9.53		ppb v/v		90	61 - 142
Chloromethane	9.9	11.2		ppb v/v		113	56 - 141
Vinyl chloride	10	9.67		ppb v/v		97	61 - 135
Bromomethane	10	10.9		ppb v/v		105	72 - 124
Chloroethane	11	10.6		ppb v/v		100	68 - 130
Trichlorofluoromethane	10	11.0		ppb v/v		106	70 - 129
1,1,2-Trichlorotrifluoroethane	11	11.6		ppb v/v		109	70 - 121
1,1-Dichloroethene	10	10.5		ppb v/v		104	68 - 120
Acetone	10	10.9		ppb v/v		105	54 - 154
Carbon disulfide	10	10.5		ppb v/v		102	71 - 138
Methylene Chloride	10	10.8		ppb v/v		105	59 - 137
Methyl tert-butyl ether	11	11.1		ppb v/v		105	70 - 127
trans-1,2-Dichloroethene	10	11.0		ppb v/v		107	69 - 137
1,1-Dichloroethane	10	9.77		ppb v/v		95	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	10.6		ppb v/v		102	72 - 124
cis-1,2-Dichloroethene	10	9.58		ppb v/v		92	72 - 121
Chloroform	10	10.6		ppb v/v		102	73 - 124
1,1,1-Trichloroethane	10	10.3		ppb v/v		100	72 - 127
Cyclohexane	10	10.8		ppb v/v		106	76 - 124
Carbon tetrachloride	10	9.59		ppb v/v		95	71 - 133
Benzene	10	10.9		ppb v/v		105	73 - 119
1,2-Dichloroethane	10	10.7		ppb v/v		102	68 - 135
Trichloroethene	10	10.0		ppb v/v		97	73 - 122
1,2-Dichloropropane	10	11.1		ppb v/v		108	69 - 128
Bromodichloromethane	10	10.9		ppb v/v		106	75 - 127
cis-1,3-Dichloropropene	9.9	11.2		ppb v/v		113	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	10.6		ppb v/v		104	58 - 144
Toluene	10	10.7		ppb v/v		105	75 - 122
trans-1,3-Dichloropropene	9.8	10.7		ppb v/v		109	74 - 128
1,1,2-Trichloroethane	10	10.9		ppb v/v		104	75 - 126
Tetrachloroethene	10	9.78		ppb v/v		93	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	10.5		ppb v/v		103	57 - 143
Dibromochloromethane	11	9.61		ppb v/v		91	73 - 125
1,2-Dibromoethane	11	11.3		ppb v/v		106	78 - 122
Chlorobenzene	10	11.0		ppb v/v		104	76 - 119
Ethylbenzene	10	10.7		ppb v/v		105	74 - 122
m,p-Xylene	20	21.8		ppb v/v		109	76 - 121
o-Xylene	10	10.9		ppb v/v		106	73 - 123
Styrene	10	11.4		ppb v/v		111	74 - 125
Bromoform	10	9.39		ppb v/v		91	53 - 149
Isopropylbenzene (cumene)	10	11.0		ppb v/v		105	73 - 123
1,1,2,2-Tetrachloroethane	10	11.2		ppb v/v		108	74 - 126
1,3-Dichlorobenzene	10	11.5		ppb v/v		113	69 - 131
1,4-Dichlorobenzene	10	11.5		ppb v/v		110	67 - 132
1,2-Dichlorobenzene	11	11.2		ppb v/v		104	68 - 129
1,2,4-Trichlorobenzene	11	12.8		ppb v/v		117	50 - 150

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-164324/4
Matrix: Air
Analysis Batch: 164324

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		2.5	0.54	ug/m3			02/26/21 12:22	1
Chloromethane	ND		1.0	0.23	ug/m3			02/26/21 12:22	1
Vinyl chloride	ND		0.20	0.11	ug/m3			02/26/21 12:22	1
Bromomethane	ND		0.78	0.20	ug/m3			02/26/21 12:22	1
Chloroethane	ND		1.3	0.14	ug/m3			02/26/21 12:22	1
Trichlorofluoromethane	ND		1.1	0.34	ug/m3			02/26/21 12:22	1
1,1,2-Trichlorotrifluoroethane	ND		1.5	0.29	ug/m3			02/26/21 12:22	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/26/21 12:22	1
Acetone	ND		12	2.9	ug/m3			02/26/21 12:22	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/26/21 12:22	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/26/21 12:22	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/26/21 12:22	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/26/21 12:22	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/26/21 12:22	1
Methyl Ethyl Ketone (2-Butanone)	ND		1.5	0.21	ug/m3			02/26/21 12:22	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/26/21 12:22	1
Chloroform	ND		0.98	0.16	ug/m3			02/26/21 12:22	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 12:22	1
Cyclohexane	ND		0.69	0.16	ug/m3			02/26/21 12:22	1
Carbon tetrachloride	ND		0.22	0.15	ug/m3			02/26/21 12:22	1
Benzene	ND		0.64	0.21	ug/m3			02/26/21 12:22	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/26/21 12:22	1
Trichloroethene	ND		0.20	0.19	ug/m3			02/26/21 12:22	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/26/21 12:22	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/26/21 12:22	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/26/21 12:22	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/26/21 12:22	1
Toluene	ND		0.75	0.41	ug/m3			02/26/21 12:22	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/26/21 12:22	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 12:22	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/26/21 12:22	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/26/21 12:22	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/26/21 12:22	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/26/21 12:22	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/26/21 12:22	1
Ethylbenzene	ND		0.87	0.27	ug/m3			02/26/21 12:22	1
m,p-Xylene	ND		2.2	0.43	ug/m3			02/26/21 12:22	1
o-Xylene	ND		0.87	0.21	ug/m3			02/26/21 12:22	1
Xylene (total)	ND		3.0	0.21	ug/m3			02/26/21 12:22	1
Styrene	ND		0.85	0.17	ug/m3			02/26/21 12:22	1
Bromoform	ND		2.1	0.50	ug/m3			02/26/21 12:22	1
Isopropylbenzene (cumene)	ND		0.98	0.17	ug/m3			02/26/21 12:22	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/26/21 12:22	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/26/21 12:22	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/26/21 12:22	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/26/21 12:22	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/26/21 12:22	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.11	ppb v/v			02/26/21 12:22	1
Chloromethane	ND		0.50	0.11	ppb v/v			02/26/21 12:22	1
Vinyl chloride	ND		0.078	0.044	ppb v/v			02/26/21 12:22	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/26/21 12:22	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/26/21 12:22	1
Trichlorofluoromethane	ND		0.20	0.060	ppb v/v			02/26/21 12:22	1
1,1,2-Trichlorotrifluoroethane	ND		0.20	0.038	ppb v/v			02/26/21 12:22	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/26/21 12:22	1
Acetone	ND		5.0	1.2	ppb v/v			02/26/21 12:22	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/26/21 12:22	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/26/21 12:22	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/26/21 12:22	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/26/21 12:22	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/26/21 12:22	1
Methyl Ethyl Ketone (2-Butanone)	ND		0.50	0.072	ppb v/v			02/26/21 12:22	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/26/21 12:22	1
Chloroform	ND		0.20	0.032	ppb v/v			02/26/21 12:22	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 12:22	1
Cyclohexane	ND		0.20	0.046	ppb v/v			02/26/21 12:22	1
Carbon tetrachloride	ND		0.035	0.024	ppb v/v			02/26/21 12:22	1
Benzene	ND		0.20	0.067	ppb v/v			02/26/21 12:22	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/26/21 12:22	1
Trichloroethene	ND		0.037	0.035	ppb v/v			02/26/21 12:22	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/26/21 12:22	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/26/21 12:22	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/26/21 12:22	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/26/21 12:22	1
Toluene	ND		0.20	0.11	ppb v/v			02/26/21 12:22	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/26/21 12:22	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 12:22	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/26/21 12:22	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/26/21 12:22	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/26/21 12:22	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/26/21 12:22	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/26/21 12:22	1
Ethylbenzene	ND		0.20	0.063	ppb v/v			02/26/21 12:22	1
m,p-Xylene	ND		0.50	0.10	ppb v/v			02/26/21 12:22	1
o-Xylene	ND		0.20	0.048	ppb v/v			02/26/21 12:22	1
Xylene (total)	ND		0.70	0.048	ppb v/v			02/26/21 12:22	1
Styrene	ND		0.20	0.040	ppb v/v			02/26/21 12:22	1
Bromoform	ND		0.20	0.048	ppb v/v			02/26/21 12:22	1
Isopropylbenzene (cumene)	ND		0.20	0.035	ppb v/v			02/26/21 12:22	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/26/21 12:22	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/26/21 12:22	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/26/21 12:22	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/26/21 12:22	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/26/21 12:22	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-164324/3
Matrix: Air
Analysis Batch: 164324

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	52.3	41.0		ug/m3		78	61 - 142
Chloromethane	20.5	22.3		ug/m3		109	56 - 141
Vinyl chloride	25.5	25.9		ug/m3		101	61 - 135
Bromomethane	40.4	40.6		ug/m3		101	72 - 124
Chloroethane	27.9	29.1		ug/m3		104	68 - 130
Trichlorofluoromethane	58.5	60.6		ug/m3		104	70 - 129
1,1,2-Trichlorotrifluoroethane	81.8	80.7		ug/m3		99	70 - 121
1,1-Dichloroethene	40.4	36.5		ug/m3		90	68 - 120
Acetone	24.8	26.7		ug/m3		108	54 - 154
Carbon disulfide	32.3	30.3		ug/m3		94	71 - 138
Methylene Chloride	35.6	38.7		ug/m3		109	59 - 137
Methyl tert-butyl ether	38.1	37.7		ug/m3		99	70 - 127
trans-1,2-Dichloroethene	40.9	40.5		ug/m3		99	69 - 137
1,1-Dichloroethane	41.6	36.7		ug/m3		88	66 - 130
Methyl Ethyl Ketone (2-Butanone)	30.5	27.9		ug/m3		91	72 - 124
cis-1,2-Dichloroethene	41.1	38.5		ug/m3		94	72 - 121
Chloroform	50.4	48.8		ug/m3		97	73 - 124
1,1,1-Trichloroethane	56.3	57.7		ug/m3		102	72 - 127
Cyclohexane	35.2	35.7		ug/m3		101	76 - 124
Carbon tetrachloride	63.2	66.5		ug/m3		105	71 - 133
Benzene	33.2	32.2		ug/m3		97	73 - 119
1,2-Dichloroethane	42.3	43.8		ug/m3		104	68 - 135
Trichloroethene	55.3	50.2		ug/m3		91	73 - 122
1,2-Dichloropropane	47.8	47.8		ug/m3		100	69 - 128
Bromodichloromethane	68.9	75.0		ug/m3		109	75 - 127
cis-1,3-Dichloropropene	45.1	47.3		ug/m3		105	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.7	45.2		ug/m3		108	58 - 144
Toluene	38.4	37.4		ug/m3		97	75 - 122
trans-1,3-Dichloropropene	44.7	44.2		ug/m3		99	74 - 128
1,1,2-Trichloroethane	57.2	58.5		ug/m3		102	75 - 126
Tetrachloroethene	71.0	68.0		ug/m3		96	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.4	48.4		ug/m3		117	57 - 143
Dibromochloromethane	90.3	90.8		ug/m3		101	73 - 125
1,2-Dibromoethane	81.9	81.3		ug/m3		99	78 - 122
Chlorobenzene	48.3	46.4		ug/m3		96	76 - 119
Ethylbenzene	44.4	46.5		ug/m3		105	74 - 122
m,p-Xylene	86.8	91.1		ug/m3		105	76 - 121
o-Xylene	45.0	45.2		ug/m3		100	73 - 123
Styrene	43.8	44.1		ug/m3		101	74 - 125
Bromoform	106	119		ug/m3		112	53 - 149
Isopropylbenzene (cumene)	51.4	53.7		ug/m3		104	73 - 123
1,1,2,2-Tetrachloroethane	71.0	74.7		ug/m3		105	74 - 126
1,3-Dichlorobenzene	61.1	64.1		ug/m3		105	69 - 131
1,4-Dichlorobenzene	62.5	62.2		ug/m3		100	67 - 132
1,2-Dichlorobenzene	64.7	64.3		ug/m3		99	68 - 129
1,2,4-Trichlorobenzene	81.5	88.5		ug/m3		109	50 - 150

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	11	8.29		ppb v/v		78	61 - 142
Chloromethane	9.9	10.8		ppb v/v		109	56 - 141
Vinyl chloride	10	10.1		ppb v/v		101	61 - 135
Bromomethane	10	10.5		ppb v/v		101	72 - 124
Chloroethane	11	11.0		ppb v/v		104	68 - 130
Trichlorofluoromethane	10	10.8		ppb v/v		104	70 - 129
1,1,2-Trichlorotrifluoroethane	11	10.5		ppb v/v		99	70 - 121
1,1-Dichloroethene	10	9.20		ppb v/v		90	68 - 120
Acetone	10	11.2		ppb v/v		108	54 - 154
Carbon disulfide	10	9.73		ppb v/v		94	71 - 138
Methylene Chloride	10	11.2		ppb v/v		109	59 - 137
Methyl tert-butyl ether	11	10.4		ppb v/v		99	70 - 127
trans-1,2-Dichloroethene	10	10.2		ppb v/v		99	69 - 137
1,1-Dichloroethane	10	9.07		ppb v/v		88	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	9.47		ppb v/v		91	72 - 124
cis-1,2-Dichloroethene	10	9.71		ppb v/v		94	72 - 121
Chloroform	10	9.99		ppb v/v		97	73 - 124
1,1,1-Trichloroethane	10	10.6		ppb v/v		102	72 - 127
Cyclohexane	10	10.4		ppb v/v		101	76 - 124
Carbon tetrachloride	10	10.6		ppb v/v		105	71 - 133
Benzene	10	10.1		ppb v/v		97	73 - 119
1,2-Dichloroethane	10	10.8		ppb v/v		104	68 - 135
Trichloroethene	10	9.35		ppb v/v		91	73 - 122
1,2-Dichloropropane	10	10.3		ppb v/v		100	69 - 128
Bromodichloromethane	10	11.2		ppb v/v		109	75 - 127
cis-1,3-Dichloropropene	9.9	10.4		ppb v/v		105	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	11.0		ppb v/v		108	58 - 144
Toluene	10	9.93		ppb v/v		97	75 - 122
trans-1,3-Dichloropropene	9.8	9.74		ppb v/v		99	74 - 128
1,1,2-Trichloroethane	10	10.7		ppb v/v		102	75 - 126
Tetrachloroethene	10	10.0		ppb v/v		96	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	11.8		ppb v/v		117	57 - 143
Dibromochloromethane	11	10.7		ppb v/v		101	73 - 125
1,2-Dibromoethane	11	10.6		ppb v/v		99	78 - 122
Chlorobenzene	10	10.1		ppb v/v		96	76 - 119
Ethylbenzene	10	10.7		ppb v/v		105	74 - 122
m,p-Xylene	20	21.0		ppb v/v		105	76 - 121
o-Xylene	10	10.4		ppb v/v		100	73 - 123
Styrene	10	10.4		ppb v/v		101	74 - 125
Bromoform	10	11.5		ppb v/v		112	53 - 149
Isopropylbenzene (cumene)	10	10.9		ppb v/v		104	73 - 123
1,1,2,2-Tetrachloroethane	10	10.9		ppb v/v		105	74 - 126
1,3-Dichlorobenzene	10	10.7		ppb v/v		105	69 - 131
1,4-Dichlorobenzene	10	10.3		ppb v/v		100	67 - 132
1,2-Dichlorobenzene	11	10.7		ppb v/v		99	68 - 129
1,2,4-Trichlorobenzene	11	11.9		ppb v/v		109	50 - 150

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-164327/4
Matrix: Air
Analysis Batch: 164327

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		2.5	0.54	ug/m3			02/26/21 13:43	1
Chloromethane	ND		1.0	0.23	ug/m3			02/26/21 13:43	1
Vinyl chloride	ND		0.20	0.11	ug/m3			02/26/21 13:43	1
Bromomethane	ND		0.78	0.20	ug/m3			02/26/21 13:43	1
Chloroethane	ND		1.3	0.14	ug/m3			02/26/21 13:43	1
Trichlorofluoromethane	ND		1.1	0.34	ug/m3			02/26/21 13:43	1
1,1,2-Trichlorotrifluoroethane	ND		1.5	0.29	ug/m3			02/26/21 13:43	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/26/21 13:43	1
Acetone	ND		12	2.9	ug/m3			02/26/21 13:43	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/26/21 13:43	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/26/21 13:43	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/26/21 13:43	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/26/21 13:43	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/26/21 13:43	1
Methyl Ethyl Ketone (2-Butanone)	ND		1.5	0.21	ug/m3			02/26/21 13:43	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/26/21 13:43	1
Chloroform	ND		0.98	0.16	ug/m3			02/26/21 13:43	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 13:43	1
Cyclohexane	ND		0.69	0.16	ug/m3			02/26/21 13:43	1
Carbon tetrachloride	ND		0.22	0.15	ug/m3			02/26/21 13:43	1
Benzene	ND		0.64	0.21	ug/m3			02/26/21 13:43	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/26/21 13:43	1
Trichloroethene	ND		0.20	0.19	ug/m3			02/26/21 13:43	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/26/21 13:43	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/26/21 13:43	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/26/21 13:43	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/26/21 13:43	1
Toluene	ND		0.75	0.41	ug/m3			02/26/21 13:43	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/26/21 13:43	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 13:43	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/26/21 13:43	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/26/21 13:43	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/26/21 13:43	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/26/21 13:43	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/26/21 13:43	1
Ethylbenzene	ND		0.87	0.27	ug/m3			02/26/21 13:43	1
m,p-Xylene	ND		2.2	0.43	ug/m3			02/26/21 13:43	1
o-Xylene	ND		0.87	0.21	ug/m3			02/26/21 13:43	1
Xylene (total)	ND		3.0	0.21	ug/m3			02/26/21 13:43	1
Styrene	ND		0.85	0.17	ug/m3			02/26/21 13:43	1
Bromoform	ND		2.1	0.50	ug/m3			02/26/21 13:43	1
Isopropylbenzene (cumene)	ND		0.98	0.17	ug/m3			02/26/21 13:43	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/26/21 13:43	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/26/21 13:43	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/26/21 13:43	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/26/21 13:43	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/26/21 13:43	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.11	ppb v/v			02/26/21 13:43	1
Chloromethane	ND		0.50	0.11	ppb v/v			02/26/21 13:43	1
Vinyl chloride	ND		0.078	0.044	ppb v/v			02/26/21 13:43	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/26/21 13:43	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/26/21 13:43	1
Trichlorofluoromethane	ND		0.20	0.060	ppb v/v			02/26/21 13:43	1
1,1,2-Trichlorotrifluoroethane	ND		0.20	0.038	ppb v/v			02/26/21 13:43	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/26/21 13:43	1
Acetone	ND		5.0	1.2	ppb v/v			02/26/21 13:43	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/26/21 13:43	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/26/21 13:43	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/26/21 13:43	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/26/21 13:43	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/26/21 13:43	1
Methyl Ethyl Ketone (2-Butanone)	ND		0.50	0.072	ppb v/v			02/26/21 13:43	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/26/21 13:43	1
Chloroform	ND		0.20	0.032	ppb v/v			02/26/21 13:43	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 13:43	1
Cyclohexane	ND		0.20	0.046	ppb v/v			02/26/21 13:43	1
Carbon tetrachloride	ND		0.035	0.024	ppb v/v			02/26/21 13:43	1
Benzene	ND		0.20	0.067	ppb v/v			02/26/21 13:43	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/26/21 13:43	1
Trichloroethene	ND		0.037	0.035	ppb v/v			02/26/21 13:43	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/26/21 13:43	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/26/21 13:43	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/26/21 13:43	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/26/21 13:43	1
Toluene	ND		0.20	0.11	ppb v/v			02/26/21 13:43	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/26/21 13:43	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 13:43	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/26/21 13:43	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/26/21 13:43	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/26/21 13:43	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/26/21 13:43	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/26/21 13:43	1
Ethylbenzene	ND		0.20	0.063	ppb v/v			02/26/21 13:43	1
m,p-Xylene	ND		0.50	0.10	ppb v/v			02/26/21 13:43	1
o-Xylene	ND		0.20	0.048	ppb v/v			02/26/21 13:43	1
Xylene (total)	ND		0.70	0.048	ppb v/v			02/26/21 13:43	1
Styrene	ND		0.20	0.040	ppb v/v			02/26/21 13:43	1
Bromoform	ND		0.20	0.048	ppb v/v			02/26/21 13:43	1
Isopropylbenzene (cumene)	ND		0.20	0.035	ppb v/v			02/26/21 13:43	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/26/21 13:43	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/26/21 13:43	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/26/21 13:43	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/26/21 13:43	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/26/21 13:43	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-164327/3
Matrix: Air
Analysis Batch: 164327

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	52.3	47.2		ug/m3		90	61 - 142
Chloromethane	20.5	24.1		ug/m3		117	56 - 141
Vinyl chloride	25.5	26.8		ug/m3		105	61 - 135
Bromomethane	40.4	45.3		ug/m3		112	72 - 124
Chloroethane	27.9	30.8		ug/m3		111	68 - 130
Trichlorofluoromethane	58.5	64.7		ug/m3		111	70 - 129
1,1,2-Trichlorotrifluoroethane	81.8	89.4		ug/m3		109	70 - 121
1,1-Dichloroethene	40.4	41.8		ug/m3		103	68 - 120
Acetone	24.8	26.2		ug/m3		106	54 - 154
Carbon disulfide	32.3	32.1		ug/m3		99	71 - 138
Methylene Chloride	35.6	40.2		ug/m3		113	59 - 137
Methyl tert-butyl ether	38.1	42.3		ug/m3		111	70 - 127
trans-1,2-Dichloroethene	40.9	46.4		ug/m3		113	69 - 137
1,1-Dichloroethane	41.6	41.7		ug/m3		100	66 - 130
Methyl Ethyl Ketone (2-Butanone)	30.5	33.6		ug/m3		110	72 - 124
cis-1,2-Dichloroethene	41.1	39.5		ug/m3		96	72 - 121
Chloroform	50.4	53.3		ug/m3		106	73 - 124
1,1,1-Trichloroethane	56.3	57.8		ug/m3		103	72 - 127
Cyclohexane	35.2	38.9		ug/m3		111	76 - 124
Carbon tetrachloride	63.2	61.4		ug/m3		97	71 - 133
Benzene	33.2	36.1		ug/m3		109	73 - 119
1,2-Dichloroethane	42.3	44.4		ug/m3		105	68 - 135
Trichloroethene	55.3	55.4		ug/m3		100	73 - 122
1,2-Dichloropropane	47.8	53.9		ug/m3		113	69 - 128
Bromodichloromethane	68.9	74.9		ug/m3		109	75 - 127
cis-1,3-Dichloropropene	45.1	52.9		ug/m3		117	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.7	45.4		ug/m3		109	58 - 144
Toluene	38.4	41.6		ug/m3		108	75 - 122
trans-1,3-Dichloropropene	44.7	49.6		ug/m3		111	74 - 128
1,1,2-Trichloroethane	57.2	61.5		ug/m3		108	75 - 126
Tetrachloroethene	71.0	66.6		ug/m3		94	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.4	44.5		ug/m3		108	57 - 143
Dibromochloromethane	90.3	83.1		ug/m3		92	73 - 125
1,2-Dibromoethane	81.9	87.1		ug/m3		106	78 - 122
Chlorobenzene	48.3	50.9		ug/m3		105	76 - 119
Ethylbenzene	44.4	46.8		ug/m3		105	74 - 122
m,p-Xylene	86.8	94.6		ug/m3		109	76 - 121
o-Xylene	45.0	47.4		ug/m3		105	73 - 123
Styrene	43.8	48.2		ug/m3		110	74 - 125
Bromoform	106	93.5		ug/m3		88	53 - 149
Isopropylbenzene (cumene)	51.4	53.5		ug/m3		104	73 - 123
1,1,2,2-Tetrachloroethane	71.0	75.9		ug/m3		107	74 - 126
1,3-Dichlorobenzene	61.1	65.2		ug/m3		107	69 - 131
1,4-Dichlorobenzene	62.5	64.0		ug/m3		102	67 - 132
1,2-Dichlorobenzene	64.7	63.0		ug/m3		97	68 - 129
1,2,4-Trichlorobenzene	81.5	87.4		ug/m3		107	50 - 150

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	11	9.54		ppb v/v		90	61 - 142
Chloromethane	9.9	11.6		ppb v/v		117	56 - 141
Vinyl chloride	10	10.5		ppb v/v		105	61 - 135
Bromomethane	10	11.7		ppb v/v		112	72 - 124
Chloroethane	11	11.7		ppb v/v		111	68 - 130
Trichlorofluoromethane	10	11.5		ppb v/v		111	70 - 129
1,1,2-Trichlorotrifluoroethane	11	11.7		ppb v/v		109	70 - 121
1,1-Dichloroethene	10	10.5		ppb v/v		103	68 - 120
Acetone	10	11.0		ppb v/v		106	54 - 154
Carbon disulfide	10	10.3		ppb v/v		99	71 - 138
Methylene Chloride	10	11.6		ppb v/v		113	59 - 137
Methyl tert-butyl ether	11	11.7		ppb v/v		111	70 - 127
trans-1,2-Dichloroethene	10	11.7		ppb v/v		113	69 - 137
1,1-Dichloroethane	10	10.3		ppb v/v		100	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	11.4		ppb v/v		110	72 - 124
cis-1,2-Dichloroethene	10	9.97		ppb v/v		96	72 - 121
Chloroform	10	10.9		ppb v/v		106	73 - 124
1,1,1-Trichloroethane	10	10.6		ppb v/v		103	72 - 127
Cyclohexane	10	11.3		ppb v/v		111	76 - 124
Carbon tetrachloride	10	9.77		ppb v/v		97	71 - 133
Benzene	10	11.3		ppb v/v		109	73 - 119
1,2-Dichloroethane	10	11.0		ppb v/v		105	68 - 135
Trichloroethene	10	10.3		ppb v/v		100	73 - 122
1,2-Dichloropropane	10	11.7		ppb v/v		113	69 - 128
Bromodichloromethane	10	11.2		ppb v/v		109	75 - 127
cis-1,3-Dichloropropene	9.9	11.7		ppb v/v		117	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	11.1		ppb v/v		109	58 - 144
Toluene	10	11.0		ppb v/v		108	75 - 122
trans-1,3-Dichloropropene	9.8	10.9		ppb v/v		111	74 - 128
1,1,2-Trichloroethane	10	11.3		ppb v/v		108	75 - 126
Tetrachloroethene	10	9.82		ppb v/v		94	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	10.9		ppb v/v		108	57 - 143
Dibromochloromethane	11	9.76		ppb v/v		92	73 - 125
1,2-Dibromoethane	11	11.3		ppb v/v		106	78 - 122
Chlorobenzene	10	11.1		ppb v/v		105	76 - 119
Ethylbenzene	10	10.8		ppb v/v		105	74 - 122
m,p-Xylene	20	21.8		ppb v/v		109	76 - 121
o-Xylene	10	10.9		ppb v/v		105	73 - 123
Styrene	10	11.3		ppb v/v		110	74 - 125
Bromoform	10	9.04		ppb v/v		88	53 - 149
Isopropylbenzene (cumene)	10	10.9		ppb v/v		104	73 - 123
1,1,2,2-Tetrachloroethane	10	11.1		ppb v/v		107	74 - 126
1,3-Dichlorobenzene	10	10.8		ppb v/v		107	69 - 131
1,4-Dichlorobenzene	10	10.6		ppb v/v		102	67 - 132
1,2-Dichlorobenzene	11	10.5		ppb v/v		97	68 - 129
1,2,4-Trichlorobenzene	11	11.8		ppb v/v		107	50 - 150

Air - GC/MS VOA

Analysis Batch: 164231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-57323-1	VU9-SV-021621-0855	Total/NA	Air	TO-15	
200-57323-2	VU9-IA-021621-0855	Total/NA	Air	TO-15	
200-57323-3	AA01-021621-1100	Total/NA	Air	TO-15	
200-57323-4	SS13-SV-021621-0945	Total/NA	Air	TO-15	
200-57323-5	SS13-IA-021621-1130	Total/NA	Air	TO-15	
200-57323-6	SS37-SV-021621-1020	Total/NA	Air	TO-15	
200-57323-7	SS37-IA-021621-1020	Total/NA	Air	TO-15	
200-57323-14	NN58-IA-021721-0845	Total/NA	Air	TO-15	
200-57323-15	CC60-IA-021721-0908	Total/NA	Air	TO-15	
200-57323-19 - DL	W25-SV-021821-0840	Total/NA	Air	TO-15	
MB 200-164231/4	Method Blank	Total/NA	Air	TO-15	
LCS 200-164231/3	Lab Control Sample	Total/NA	Air	TO-15	

Analysis Batch: 164273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-57323-1 - DL	VU9-SV-021621-0855	Total/NA	Air	TO-15	
200-57323-4 - DL	SS13-SV-021621-0945	Total/NA	Air	TO-15	
200-57323-6 - DL	SS37-SV-021621-1020	Total/NA	Air	TO-15	
MB 200-164273/5	Method Blank	Total/NA	Air	TO-15	
LCS 200-164273/4	Lab Control Sample	Total/NA	Air	TO-15	

Analysis Batch: 164278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-57323-8	HH37-SV-021621-1045	Total/NA	Air	TO-15	
200-57323-8 - DL	HH37-SV-021621-1045	Total/NA	Air	TO-15	
200-57323-9	HH37-IA-021621-1045	Total/NA	Air	TO-15	
200-57323-9	HH37-IA-021621-1045	Total/NA	Air	TO-15	
200-57323-10	AA3-021821-1020	Total/NA	Air	TO-15	
200-57323-11	YF25-SV-021721-0830	Total/NA	Air	TO-15	
200-57323-11 - DL	YF25-SV-021721-0830	Total/NA	Air	TO-15	
200-57323-12	YF25-IA-021721-0830	Total/NA	Air	TO-15	
200-57323-13	NN58-SV-021721-0855	Total/NA	Air	TO-15	
200-57323-13 - DL	NN58-SV-021721-0855	Total/NA	Air	TO-15	
200-57323-16	AA2-021721-0950	Total/NA	Air	TO-15	
200-57323-17	DD31-IA-021721-1015	Total/NA	Air	TO-15	
200-57323-18	KK35-IA-021721-1015	Total/NA	Air	TO-15	
200-57323-19	W25-SV-021821-0840	Total/NA	Air	TO-15	
200-57323-20	W25-IA-021821-0840	Total/NA	Air	TO-15	
200-57323-21	G29-IA-021821-0925	Total/NA	Air	TO-15	
200-57323-22	G29-SV-021821-0925	Total/NA	Air	TO-15	
200-57323-23	E17-IA-021821-0950	Total/NA	Air	TO-15	
200-57323-24	E17-SV-021821-0950	Total/NA	Air	TO-15	
200-57323-25	G3-IA-021821-1100	Total/NA	Air	TO-15	
200-57323-26	G3-SV-021821-1100	Total/NA	Air	TO-15	
MB 200-164278/4	Method Blank	Total/NA	Air	TO-15	
LCS 200-164278/3	Lab Control Sample	Total/NA	Air	TO-15	

Analysis Batch: 164324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-57323-18 - DL	KK35-IA-021721-1015	Total/NA	Air	TO-15	
MB 200-164324/4	Method Blank	Total/NA	Air	TO-15	

Air - GC/MS VOA (Continued)

Analysis Batch: 164324 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 200-164324/3	Lab Control Sample	Total/NA	Air	TO-15	

Analysis Batch: 164327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-57323-27	J41-SV-021821-1112	Total/NA	Air	TO-15	
200-57323-28	J41-IA-021821-1112	Total/NA	Air	TO-15	
MB 200-164327/4	Method Blank	Total/NA	Air	TO-15	
LCS 200-164327/3	Lab Control Sample	Total/NA	Air	TO-15	

Client Sample ID: VU9-SV-021621-0855
Lab Sample ID: 200-57323-1
Date Collected: 02/16/21 16:55
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15	DL	15	164273	02/26/21 01:17	K1P	TAL BUR
Total/NA	Analysis	TO-15		1	164231	02/24/21 15:31	A1B	TAL BUR

Client Sample ID: VU9-IA-021621-0855
Lab Sample ID: 200-57323-2
Date Collected: 02/16/21 15:55
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164231	02/24/21 11:59	A1B	TAL BUR

Client Sample ID: AA01-021621-1100
Lab Sample ID: 200-57323-3
Date Collected: 02/16/21 18:00
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164231	02/24/21 12:52	A1B	TAL BUR

Client Sample ID: SS13-SV-021621-0945
Lab Sample ID: 200-57323-4
Date Collected: 02/16/21 16:07
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15	DL	10	164273	02/26/21 03:02	K1P	TAL BUR
Total/NA	Analysis	TO-15		1	164231	02/24/21 17:16	A1B	TAL BUR

Client Sample ID: SS13-IA-021621-1130
Lab Sample ID: 200-57323-5
Date Collected: 02/16/21 18:05
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164231	02/24/21 13:45	A1B	TAL BUR

Client Sample ID: SS37-SV-021621-1020
Lab Sample ID: 200-57323-6
Date Collected: 02/16/21 17:25
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15	DL	10	164273	02/26/21 03:54	K1P	TAL BUR
Total/NA	Analysis	TO-15		1	164231	02/24/21 19:02	A1B	TAL BUR

Client Sample ID: SS37-IA-021621-1020
Lab Sample ID: 200-57323-7
Date Collected: 02/16/21 17:25
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164231	02/24/21 14:38	A1B	TAL BUR

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: HH37-SV-021621-1045
Lab Sample ID: 200-57323-8
Date Collected: 02/16/21 17:45
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		2	164278	02/25/21 13:48	K1P	TAL BUR
Total/NA	Analysis	TO-15	DL	10	164278	02/25/21 14:41	K1P	TAL BUR

Client Sample ID: HH37-IA-021621-1045
Lab Sample ID: 200-57323-9
Date Collected: 02/16/21 17:45
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		2	164278	02/25/21 19:06	K1P	TAL BUR
Total/NA	Analysis	TO-15		10	164278	02/25/21 19:59	K1P	TAL BUR

Client Sample ID: AA3-021821-1020
Lab Sample ID: 200-57323-10
Date Collected: 02/18/21 18:20
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164278	02/25/21 20:52	K1P	TAL BUR

Client Sample ID: YF25-SV-021721-0830
Lab Sample ID: 200-57323-11
Date Collected: 02/17/21 15:35
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164278	02/25/21 21:44	K1P	TAL BUR
Total/NA	Analysis	TO-15	DL	2	164278	02/25/21 22:37	K1P	TAL BUR

Client Sample ID: YF25-IA-021721-0830
Lab Sample ID: 200-57323-12
Date Collected: 02/17/21 15:35
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164278	02/25/21 15:34	K1P	TAL BUR

Client Sample ID: NN58-SV-021721-0855
Lab Sample ID: 200-57323-13
Date Collected: 02/17/21 16:40
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164278	02/25/21 23:30	K1P	TAL BUR
Total/NA	Analysis	TO-15	DL	4	164278	02/26/21 00:23	K1P	TAL BUR

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: NN58-IA-021721-0845
Lab Sample ID: 200-57323-14
Date Collected: 02/17/21 16:40
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164231	02/25/21 04:46	A1B	TAL BUR

Client Sample ID: CC60-IA-021721-0908
Lab Sample ID: 200-57323-15
Date Collected: 02/17/21 17:08
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164231	02/25/21 05:39	A1B	TAL BUR

Client Sample ID: AA2-021721-0950
Lab Sample ID: 200-57323-16
Date Collected: 02/17/21 17:17
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164278	02/26/21 01:15	K1P	TAL BUR

Client Sample ID: DD31-IA-021721-1015
Lab Sample ID: 200-57323-17
Date Collected: 02/17/21 17:24
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164278	02/26/21 02:08	K1P	TAL BUR

Client Sample ID: KK35-IA-021721-1015
Lab Sample ID: 200-57323-18
Date Collected: 02/17/21 17:30
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15	DL	6.14	164324	02/26/21 14:12	VTP	TAL BUR
Total/NA	Analysis	TO-15		1	164278	02/26/21 03:01	K1P	TAL BUR

Client Sample ID: W25-SV-021821-0840
Lab Sample ID: 200-57323-19
Date Collected: 02/18/21 16:00
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15	DL	2	164231	02/25/21 01:13	A1B	TAL BUR
Total/NA	Analysis	TO-15		1	164278	02/25/21 16:27	K1P	TAL BUR

Client Sample ID: W25-IA-021821-0840
Lab Sample ID: 200-57323-20
Date Collected: 02/18/21 15:45
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164278	02/26/21 03:53	K1P	TAL BUR

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: G29-IA-021821-0925
Lab Sample ID: 200-57323-21
Date Collected: 02/18/21 16:40
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164278	02/26/21 04:46	K1P	TAL BUR

Client Sample ID: G29-SV-021821-0925
Lab Sample ID: 200-57323-22
Date Collected: 02/18/21 15:00
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164278	02/26/21 05:39	K1P	TAL BUR

Client Sample ID: E17-IA-021821-0950
Lab Sample ID: 200-57323-23
Date Collected: 02/18/21 17:15
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164278	02/26/21 06:32	K1P	TAL BUR

Client Sample ID: E17-SV-021821-0950
Lab Sample ID: 200-57323-24
Date Collected: 02/18/21 17:15
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164278	02/26/21 07:25	K1P	TAL BUR

Client Sample ID: G3-IA-021821-1100
Lab Sample ID: 200-57323-25
Date Collected: 02/18/21 17:30
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164278	02/26/21 08:18	K1P	TAL BUR

Client Sample ID: G3-SV-021821-1100
Lab Sample ID: 200-57323-26
Date Collected: 02/18/21 17:30
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164278	02/26/21 09:11	K1P	TAL BUR

Client Sample ID: J41-SV-021821-1112
Lab Sample ID: 200-57323-27
Date Collected: 02/18/21 18:12
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164327	02/26/21 14:37	WRD	TAL BUR

Lab Chronicle

Client: GHD Services Inc.
Job ID: 200-57323-1
Project/Site: Site 255 GMCH, SSOW 255020

Client Sample ID: J41-IA-021821-1112
Lab Sample ID: 200-57323-28

Date Collected: 02/18/21 16:50
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164327	02/26/21 15:30	WRD	TAL BUR

Laboratory References:

TAL BUR = Eurofins TestAmerica, Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: GHD Services Inc.
Job ID: 200-57323-1
Project/Site: Site 255 GMCH, SSOW 255020

Laboratory: Eurofins TestAmerica, Burlington

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10391	04-01-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	Isopropylbenzene (cumene)
TO-15		Air	Methyl Butyl Ketone (2-Hexanone)

Method Summary

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	TAL BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL BUR = Eurofins TestAmerica, Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
200-57323-1	VU9-SV-021621-0855	Air	02/16/21 16:55	02/23/21 11:00	Air Canister (6-Liter) #2892
200-57323-2	VU9-IA-021621-0855	Air	02/16/21 15:55	02/23/21 11:00	Air Canister (6-Liter) #2902
200-57323-3	AA01-021621-1100	Air	02/16/21 18:00	02/23/21 11:00	Air Canister (6-Liter) #5414
200-57323-4	SS13-SV-021621-0945	Air	02/16/21 16:07	02/23/21 11:00	Air Canister (6-Liter) #3497
200-57323-5	SS13-IA-021621-1130	Air	02/16/21 18:05	02/23/21 11:00	Air Canister (6-Liter) #2683
200-57323-6	SS37-SV-021621-1020	Air	02/16/21 17:25	02/23/21 11:00	Air Canister (6-Liter) #3540
200-57323-7	SS37-IA-021621-1020	Air	02/16/21 17:25	02/23/21 11:00	Air Canister (6-Liter) #4136
200-57323-8	HH37-SV-021621-1045	Air	02/16/21 17:45	02/23/21 11:00	Air Canister (6-Liter) #5138
200-57323-9	HH37-IA-021621-1045	Air	02/16/21 17:45	02/23/21 11:00	Air Canister (6-Liter) #5164
200-57323-10	AA3-021821-1020	Air	02/18/21 18:20	02/23/21 11:00	Air Canister (6-Liter) #4812
200-57323-11	YF25-SV-021721-0830	Air	02/17/21 15:35	02/23/21 11:00	Air Canister (6-Liter) #3074
200-57323-12	YF25-IA-021721-0830	Air	02/17/21 15:35	02/23/21 11:00	Air Canister (6-Liter) #4340
200-57323-13	NN58-SV-021721-0855	Air	02/17/21 16:40	02/23/21 11:00	Air Canister (6-Liter) #34001434
200-57323-14	NN58-IA-021721-0845	Air	02/17/21 16:40	02/23/21 11:00	Air Canister (6-Liter) #5098
200-57323-15	CC60-IA-021721-0908	Air	02/17/21 17:08	02/23/21 11:00	Air Canister (6-Liter) #5632
200-57323-16	AA2-021721-0950	Air	02/17/21 17:17	02/23/21 11:00	Air Canister (6-Liter) #2843
200-57323-17	DD31-IA-021721-1015	Air	02/17/21 17:24	02/23/21 11:00	Air Canister (6-Liter) #5121
200-57323-18	KK35-IA-021721-1015	Air	02/17/21 17:30	02/23/21 11:00	Air Canister (6-Liter) #4826
200-57323-19	W25-SV-021821-0840	Air	02/18/21 16:00	02/23/21 11:00	Air Canister (6-Liter) #7701
200-57323-20	W25-IA-021821-0840	Air	02/18/21 15:45	02/23/21 11:00	Air Canister (6-Liter) #4304
200-57323-21	G29-IA-021821-0925	Air	02/18/21 16:40	02/23/21 11:00	Air Canister (6-Liter) #34001126
200-57323-22	G29-SV-021821-0925	Air	02/18/21 15:00	02/23/21 11:00	Air Canister (6-Liter) #5636
200-57323-23	E17-IA-021821-0950	Air	02/18/21 17:15	02/23/21 11:00	Air Canister (6-Liter) #6309
200-57323-24	E17-SV-021821-0950	Air	02/18/21 17:15	02/23/21 11:00	Air Canister (6-Liter) #2687
200-57323-25	G3-IA-021821-1100	Air	02/18/21 17:30	02/23/21 11:00	Air Canister (6-Liter) #5139
200-57323-26	G3-SV-021821-1100	Air	02/18/21 17:30	02/23/21 11:00	Air Canister (6-Liter) #4785
200-57323-27	J41-SV-021821-1112	Air	02/18/21 18:12	02/23/21 11:00	Air Canister (6-Liter) #3043
200-57323-28	J41-IA-021821-1112	Air	02/18/21 16:50	02/23/21 11:00	Air Canister (6-Liter) #3265

Flow Controller (FC) Set Flow Rate and Pressure Gauge Leak Check Record

Pre-Shipment Check							Post-Sampling Check (PSC)						
Date Performed		Analyst	Temp (°C)	BP ("Hg)	FM ID		PSC is performed when pressure of a canister is not within criteria and the FC used for sampling was returned with the canister (in same shipment)						
01/19	2021	LEE	22.0	29.6	F8								
FC ID	Sampling Time	Flow Rate	Control Gauge Initial ("Hg)	Control Gauge Final ("Hg)	FC Gauge Initial ("Hg)	FC Gauge Final ("Hg)	Flow Rate	Control Gauge Initial ("Hg)	Control Gauge Final ("Hg)	FC Gauge Initial ("Hg)	FC Gauge Final ("Hg)	PSC Code	Shipping Order
7232	200ml	16.9	26	26	26	26							
6337	"	15.8	26	26	23	23							
6061	"	18.3	26	26	26	26							
7241	"	18.7	26	26	26	26							
5881	"	16.1	26	26	25	25							
6366	"	15.0	26	26	26	26							
3683	8hr	10.0	26	26	29	29							
4195	"	10.1	26	26	24	24	10.1	26	26	24	24	1	
3786	"	10.0	26	26	27	27							
4747	"	10.0	26	26	27	27							
3048	"	10.0	26	26	26	26							
6563	"	10.1	26	26	26	26							
3946	"	10.0	26	26	27	27							
6012	"	10.1	26	26	23	23							
5226	"	10.1	26	26	24	24							
3119	"	9.9	26	26	25	25							
6082	"	10.0	26	26	27	27							
4200	24hr	3.4	26	26	25	25							
5202	"	3.3	26	26	25	25							

Pre-Shipment Criteria:

The pre-shipment flow rate must be within the range specified in the set flow rate table for the sampling time requested.

The difference between initial and final pressure readings for the control gauge and the FC gauge must be zero.

6L Canister: Set Flow Rates for Various Sampling Times (mL/min)

Time	30 min	50 min	1 hour	2 hour	4 hour	6 hour	8 hour	10 hour	12 hour	16 hour	24 hour	24 hour (W)
Flow Rate	150-195	95-105	79-81	39.5-40.5	19.5-20.5	13.3-13.7	9.8-10.2	7.8-8.2	6.5-6.9	4.9-5.1	3.2-3.4	2.7-2.9

NA = Sampling Time is not applicable to canister size W=Winter Setting

1L Canister: Set Flow Rates for Various Sampling Times (mL/min)

Time	5 min*	10 min*	20 min*	40 min*	1 hour*	2 hour*	4 hour*
Flow Rate	150-195	95-105	39.5-40.5	19.5-20.5	13.3-13.7	6.5-6.9	3.2-3.4
***6L equivalent**	***30 min***	***50 min***	***2 hour***	***4 hour***	***6 hour***	***12 hour***	***24 hour***

Post Sampling Check Supporting Information:

Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID	Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID
1	2/23/21	[illegible]	22.0	29.1	F8	5					
2						6					
3						7					
4						8					

Flow Controller (FC) Set Flow Rate and Pressure Gauge Leak Check Record

Pre-Shipment Check						Post-Sampling Check (PSC)						
Date Performed		Analyst	Temp (°C)	BP ("Hg)	FM ID	PSC is performed when pressure of a canister is not within criteria and the FC used for sampling was returned with the canister (in same shipment)						
01/19/2021		LEE	22.0	29.6	F8							
FC ID	Sampling Time	Flow Rate	Control Gauge		FC Gauge		Flow Rate	Control Gauge		FC Gauge		PSC Code	Shipping Order
			Initial ("Hg)	Final ("Hg)	Initial ("Hg)	Final ("Hg)		Initial ("Hg)	Final ("Hg)	Initial ("Hg)	Final ("Hg)		
8670	8hr	9.9	26	26	20	20	10.2	26	26	20	20	2	
6556		10.2	26	26	18	18							
3698		9.8	26	26	27	27							
5344		10.0	26	26	27	27							
6561		10.2	26	26	25	25							
5176		10.2	26	26	27	27							
6397	200ml	175	26	26	27	27							
4042	8hr	10.0	26	26	24	24	10.1	26	26	24	24	2	
4035		10.0	26	26	24	24							
4053		10.0	26	26	26	26							
5219		10.0	26	26	23	23							
3955		10.0	26	26	24	24							
3107		10.1	26	26	27	27							
7306		10.2	26	26	26	26							
4045		10.0	26	26	24	24							
2768		10.0	26	26	24	24							
6549		10.0	26	26	24	24							
6551		9.9	26	26	26	26	10.2	26	26	26	26	1	
6557		10.0	26	26	25	25							

Pre-Shipment Criteria:

The pre-shipment flow rate must be within the range specified in the set flow rate table for the sampling time requested.

The difference between initial and final pressure readings for the control gauge and the FC gauge must be zero.

6L Canister: Set Flow Rates for Various Sampling Times (mL/min)

Time	30 min	50 min	1 hour	2 hour	4 hour	6 hour	8 hour	10 hour	12 hour	16 hour	24 hour	24 hour (W)
Flow Rate	150-195	95-105	79-81	39.5-40.5	19.5-20.5	13.3-13.7	9.8-10.2	7.8-8.2	6.5-6.9	4.9-5.1	3.2-3.4	2.7-2.9

NA = Sampling Time is not applicable to canister size W=Winter Setting

1L Canister: Set Flow Rates for Various Sampling Times (mL/min)

Time	5 min*	10 min*	20 min*	40 min*	1 hour*	2 hour*	4 hour*
Flow Rate	150-195	95-105	39.5-40.5	19.5-20.5	13.3-13.7	6.5-6.9	3.2-3.4
***6L equivalent**	***30 min***	***50 min***	***2 hour***	***4 hour***	***6 hour***	***12 hour***	***24 hour***

Post Sampling Check Supporting Information:

Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID	Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID
1	1/26/21	SC	22.0	29.7	F8	5					
2	2/23/21	SC	22.0	29.1	F8	6					
3						7					
4						8					

Flow Controller (FC) Set Flow Rate and Pressure Gauge Leak Check Record

Pre-Shipment Check					Post-Sampling Check (PSC)						
Date Performed	Analyst	Temp (°C)	BP ("Hg)	FM ID	*PSC is performed when pressure of a canister is not within criteria and the FC used for sampling was returned with the canister (in same shipment)*						
1/16/21	S—	21.0	29.0	F8							

FC ID	Sampling Time	Flow Rate	Control Gauge		FC Gauge		Flow Rate	Control Gauge		FC Gauge		PSC Code	Shipping Order
			Initial ("Hg)	Final ("Hg)	Initial ("Hg)	Final ("Hg)		Initial ("Hg)	Final ("Hg)	Initial ("Hg)	Final ("Hg)		
5821	1hr	81.0	26	23	23	25	81.0	26	26	25	25	1	
5191		79.5	26	26	26	26	75.2	26	26	26	26	1	
4756		80.1	26	25	25	25	56.3	26	26	25	25	1	
3491		80.1	26	24	24	24	118	26	26	24	24	1	
3766		81.0	26	25	25	25	80.5	26	26	25	25	1	
6110		80.5	26	25	25	25	56.3	26	26	25	25	1	
3650	2hr 20mn	40.3	26	26	25	25							
3717		40.0	26	26	25	25							
5188		39.7	26	26	26	26							
4048		39.9	26	26	24	24							
4523		40.2	26	26	24	24							
3480	8hr	10.0	26	26	26	26							
3933		10.1	26	26	26	26							
7258		10.0	26	26	27	27	10.0	26	26	27	27	2	
3702		10.1	26	26	27	27							
3110		10.0	26	26	25	25							
6558		10.0	26	26	19	19	10.2	26	26	20	20	2	
7301		10.0	26	26	26	26							
3787		9.8	25	25	23	23							

Pre-Shipment Criteria:

The pre-shipment flow rate must be within the range specified in the set flow rate table for the sampling time requested.

The difference between initial and final pressure readings for the control gauge and the FC gauge must be zero.

6L Canister: Set Flow Rates for Various Sampling Times (mL/min)

Time	30 min	50 min	1 hour	2 hour	4 hour	6 hour	8 hour	10 hour	12 hour	16 hour	24 hour	24 hour (W)
Flow Rate	150-195	95-105	79-81	39.5-40.5	19.5-20.5	13.3-13.7	9.8-10.2	7.8-8.2	6.5-6.9	4.9-5.1	3.2-3.4	2.7-2.9

NA = Sampling Time is not applicable to canister size W=Winter Setting

1L Canister: Set Flow Rates for Various Sampling Times (mL/min)

Time	5 min*	10 min*	20 min*	40 min*	1 hour*	2 hour*	4 hour*
Flow Rate	150-195	95-105	39.5-40.5	19.5-20.5	13.3-13.7	6.5-6.9	3.2-3.4
***6L equivalent**	***30 min***	***50 min***	***2 hour***	***4 hour***	***6 hour***	***12 hour***	***24 hour***

Post Sampling Check Supporting Information:

Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID	Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID
1	1/28/21	S—	22.0	29.7	F8	5					
2	2/23/21	S—	27.4	29.1	F8	6					
3						7					
4						8					

Post-Sampling Air Canister Pressure Check Record

Login # (w/ Location Code)	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gauge ID	Analyst
200-57323	02/23/21	14:53	29.1	22	G19	SML

Sampling Information and Return Equipment Check	Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	Yes		
(2) Is the flow controller ID used for each canister recorded?	Yes		
(3) MA MCP & NJ DKQP: Check return flow rate for flow controllers		No	
(4) Is visible sign of damage to canister and/or flow controller (FC) present?		No	
If damage observed, list equipment IDs and describe condition:			

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Check[4] Reference	FC Return (Y/N)	Can Cert Batch ID	Comments
200-57323-A-1	2892	-6.9	N	3786	86/81	Y	3519-44347	
200-57323-A-2	2902	-6.2	N	3119	86/81	Y	4087-44327	
200-57323-A-3	5414	-7.4	N	6561	86/79	Y	4345-44327	
200-57323-A-4	3497	-6.9	N	3048	86/81	Y	4087-44327	
200-57323-A-5	2683	-10.9	Y	4042	86/79	Y	4345-44327	
200-57323-A-6	3540	-10.0	Y	4195	86/81	Y	4087-44327	
200-57323-A-7	4136	-9.2	N	4053	86/79	Y	4087-44327	
200-57323-A-8	5138	-7.8	N	3955	86/79	Y	4087-44327	
200-57323-A-9	5164	-9.8	N	5219	86/79	Y	3519-44347	
200-57323-A-10	4812	-10.9	Y	7258	86/76	Y	3519-44347	
200-57323-A-11	3074	-8.8	N	5226	86/81	Y	4087-44327	
200-57323-A-12	4340	-6.3	N	4035	86/79	Y	4087-44327	
200-57323-A-13	34001434	-7.0	N	3946	86/81	Y	4345-44327	
200-57323-A-14	5098	-7.0	N	5176	86/79	Y	4087-44327	
200-57323-A-15	5632	-6.6	N	7306	86/79	Y	4345-44327	
200-57323-A-16	2843	-5.2	N	3107	86/79	Y	4087-44327	
200-57323-A-17	5121	-9.3	N	3480	86/76	Y	4345-44327	
200-57323-A-18	4826	-8.9	N	4045	86/79	Y	4345-44327	
200-57323-A-19	7701	-8.4	N	3933	86/76	Y	4345-44327	
200-57323-A-20	4304	-2.8	N	3702	86/76	Y	4345-44327	
200-57323-A-21	34001126	-8.1	N	3110	86/76	Y	3519-44347	
200-57323-A-22	5636	-12.3	Y	8670	86/79	Y	3519-44347	
200-57323-A-23	6309	-8.8	N	3683	86/81	Y	4087-44327	
200-57323-A-24	2687	-5.6	N	3698	86/79	Y	3519-44347	
200-57323-A-25	5139	-10.2	Y	6558	86/76	Y	3519-44347	
200-57323-A-26	4785	-9.8	N	6012	86/81	Y	3519-44347	
200-57323-A-27	3043	9.6	N	6556	86/79	Y	4345-44327	

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg) with the exception of grab samples or those using 100 or 200mL/minute flow controllers. These samples must be returned at no lower than -10"Hg, but have no specific criteria otherwise.

[2] If return pressure is not within criteria, initiate Non-Conformance Memo.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

[4] Record the Flow Controller Set Flow Rate Logbook ID and Page number in which the original FC Check was recorded

Post-Sampling Air Canister Pressure Check Record

Login # (w/ Location Code)	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gauge ID	Analyst
200-57323	02/23/21	14:56	29.1	22	G19	SML

Sampling Information and Return Equipment Check	Yes	N o	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	Yes		
(2) Is the flow controller ID used for each canister recorded?	Yes		
(3) MA MCP & NJ DKQP: Check return flow rate for flow controllers		N o	
(4) Is visible sign of damage to canister and/or flow controller (FC) present?		N o	
If damage observed, list equipment IDs and describe condition:			

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Check[4] Reference	FC Return (Y/N)	Can Cert Batch ID	Comments
200-57323-A-1	3265	-4.1	N	5344	86/79	Y	4345-44327	

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg) with the exception of grab samples or those using 100 or 200mL/minute flow controllers. These samples must be returned at no lower than -10"Hg, but have no specific criteria otherwise.

[2] If return pressure is not within criteria, initiate Non-Conformance Memo.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

[4] Record the Flow Controller Set Flow Rate Logbook ID and Page number in which the original FC Check was recorded

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660.1990 fax 802.660.1919

Canister Samples Chain of Custody Record

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TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact Information	Client Project Manager: Kathy Willy	Samples Collected By: TMW/JMS	COC No: 1 of 3 COCs
Company Name: GMC Holdings	Phone: (716) - 205 - 1942		TALS Project #:
Address:	Email: Kathleen.willy@ghd.com		For Lab Use Only:
City/State/Zip Rochester, NY			Walk-in Client:
Phone:	Site Contact: James Hamstreet		Lab Sampling:
FAX:	Tel/Fax (315) 462-2391		Job / SDG No.:
Project Name: Site 255 GMCH	Analysis Turnaround Time		(See below for Add'l Items)
Site/Location: 1000 Lexington Ave	Standard (Specific): Standard		
PO # 05&507-255015	Rush (Specify):		

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14/15 (Standard / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
VU9-SV-021621-0855	2/16	0855	2/16	1655	30.0	8.5	3786	2892		X								X					
VU9-IA-021621-0855		0855		1555	29.0	5.5	3119	2902		X							X						
AA01-021621-1100		1100		1800	24.0	5.0	6561	5414		X							X						
SS13-SV-021621-0945		0945		1607	29.0	5.5	3048	3497		X								X					
SS13-IA-021621-1130		1130		1805	29.0	11.0	4042	2683		X							X						
SS37-SV-021621-1020		1020		1725	28.0	7.5	4195	3540		X								X					
SS37-IA-021621-1020		1020		1725	31.0	9.5	4053	4136		X							X						
HH37-SV-021621-1045		1045		1745	28.0	5.0	3955	5138		X								X					
HH37-IA-021621-1045		1045		1745	28.0	8.5	5219	5164		X							X						
AA3-021821-1020	2/18	1020	2/18	1820	31.0	13.0	7258	4812		X							X						

Temperature (Fahrenheit)		
	Interior	Ambient
Start		
Stop		28

Pressure (inches of Hg)		
	Interior	Ambient
Start		
Stop		29.79

200-57323 Chain of Custody

s: conley@haleyaldrich.com on report

Samples Shipped by: T. Willis	Date / Time: 2/19/21 12:00	Samples Received by: [signature] FAB 2/23/21 1100
Samples Relinquished by:	Date / Time:	Received by:
Relinquished by:	Date / Time:	Received by:
Lab Use Only: Shipper Name:	Opened by:	Condition:

Form No. CA-C-WI-003, Rev. 2.27, dated 12/15/2020

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660.1990 fax 802.660.1919

Canister Samples Chain of Custody Record

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TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact Information	**Client Project Manager:** Kathy Willy	**Samples Collected By:** TMW/JMS	COC No: 2 of 3 COCs
Company Name: GMC Holdings	**Phone:** (716) -205 - 1942		TALS Project #:
Address:	**Email:** Kathleen.willy@ghd.com		**For Lab Use Only:** Walk-in Client:
City/State/Zip Rochester, NY			Lab Sampling:
Phone:	**Site Contact:** James Hartnett		Job / SDG No.:
FAX:	**Tel/Fax** (315) 463-2391		(See below for Add'l Items)
Project Name: Site 255 GMCH	**Analysis Turnaround Time**		
Site/Location: 1000 Lexington Ave	Standard (Specific): Standard		
P O # 0585507-255015	Rush (Specifiy):		

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14/15 (Standard / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	*Sample Type*	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
YF25-SV-021721-0830	2/17	0830	2/17	1535	29.0	8.0	5226	3074		X								X					
YF25-IA-021721-0830		0830		1535	29.0	6.0	4035	4340		X							X						
NN58-SV-021721-0855		0855		1640	30.0	8.0	3946	3400443		X								X					
NN58-IA-021721-0845		0845		1640	30.0	9.0	5176	5098		X							X						
CC60-IA-021721-0908		0908		1708	30.0	8.0	7306	5632		X							X						
AA2-021721-0950		0950		1717	31.0	8.0	3107	2843		X							X						
DD31-IA-021721-1015		1015		1724	31.0	10.0	3480	5121		X							X						
KK35-IA-021721-1015		1015		1730	30.0	8.0	4045	4826		X							X						

Temperature (Fahrenheit)			
Start	Interior	Ambient	
Stop		36	

Pressure (inches of Hg)			
Start	Interior	Ambient	
Stop		29.85	

Special Instructions/QC Requirements & Comments:
please cc dconley@haleyaldrich.com on report

Samples Shipped by: T. Willis	**Date / Time:** 2/19/21 12:00	**Samples Received by:** FAB	2/23/21 1100
Samples Relinquished by:	**Date / Time:**	**Received by:**	
Relinquished by:	**Date / Time:**	**Received by:**	
Lab Use Only: **Shipper Name:**	**Opened by:**	**Condition:**	

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660.1990 fax 802.660.1919

Canister Samples Chain of Custody Record

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TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact Information		Client Project Manager: Kathy Lacilly	Samples Collected By: TMW/JMS	COC No: 3 of 3 COCs
Company Name:	GM C Holdings	Phone: (716) -205 -1942		TALS Project #:
Address:		Email: kathleen.m.lilly@ghd.com		For Lab Use Only: Walk-in Client: / Lab Sampling:
City/State/Zip	Rochester, NY	Site Contact: James Hartnett		Job / SDG No.:
Phone:		Tel/Fax (315) 463- 2391		(See below for Add'l Items)
FAX:		Analysis Turnaround Time		
Project Name:	Site 255 GMCH	Standard (Specific): Standard		
Site/Location:	1000 Lexington Ave	Rush (Specifiy):		
P O #	058507-255015			

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14/15 (Standard / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
W25 - SV - 021821 - 0840	2/18	0840	2/18	1600	30.0	9.0	3933	7701		X								X					
W25 - IA - 021821 - 0840		0840		1545	32.0	5.5	3702	4304		X							X						
G29 - IA - 021821 - 0925		0925		1640	30.0	8.0	3110	34601126		X							X						
G29 - SV - 021821 - 0925		0925		1500	22.0	5.0	8670	5636		X								X					
E17 - IA - 021821 - 0950		0950		1715	33.0	11	3683	6309		X							X						
E17 - SV - 021821 - 0950		0950		1715	32.0	6.5	3698	2687		X								X					
G3 - IA - 021821 - 1100		1100		1736	25.0	5.0	6558	5139		X							X						
G3 - SV - 021821 - 1100		1100		1730	28.0	7.0	6012	4785		X								X					
J41 - SV - 021821 - 1112		1112		1812	29.0	9.0	6556	3043		X								X					
J41 - IA - 021821 - 1112		1112		1650	32.0	5.0	5344	3265		X							X						

Temperature (Fahrenheit)	Interior	Ambient
Start		
Stop		25

Pressure (inches of Hg)	Interior	Ambient
Start		
Stop		30.36

Special Instructions/QC Requirements & Comments:
Please cc dconley@huleyabbrish.com on report

Samples Shipped by: T. Williams	**Date / Time:** 2/19/21 12:00	**Samples Received by:** FAZa	2/23/21 1100
Samples Relinquished by:	**Date / Time:**	**Received by:**	
Relinquished by:	**Date / Time:**	**Received by:**	
Lab Use Only: **Shipper Name:**	**Opened by:**	**Condition:**	

Form No. CA-C-WI-003, Rev. 2.27, dated 12/15/2020

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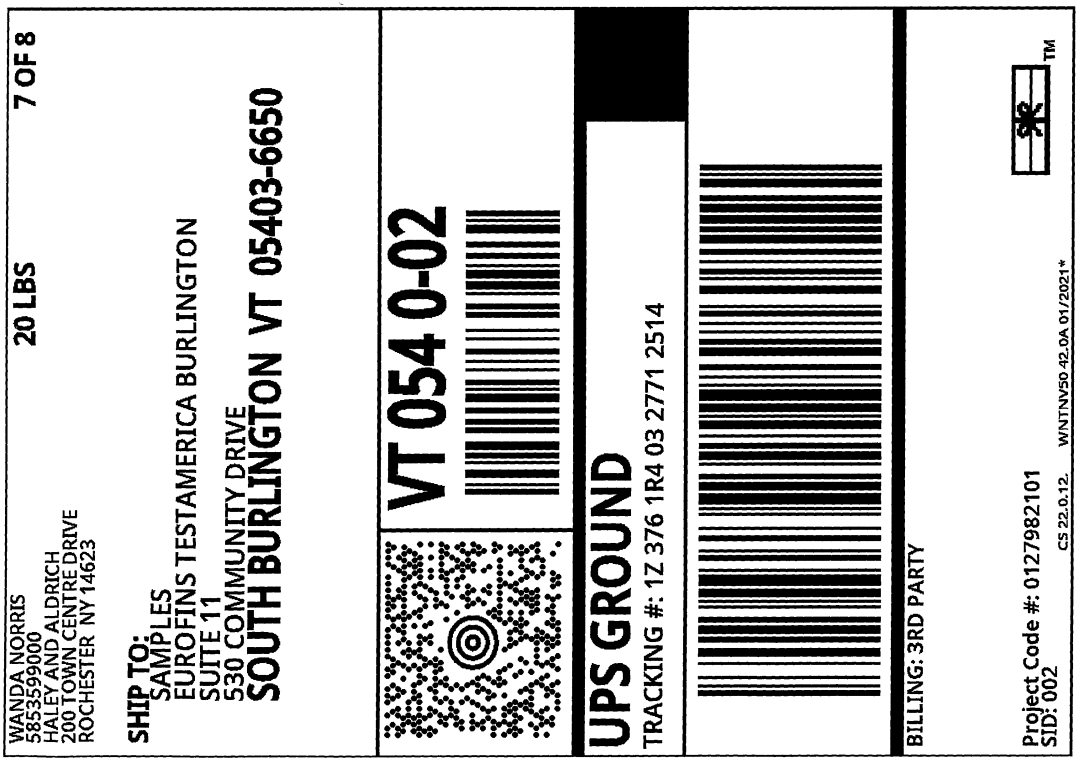
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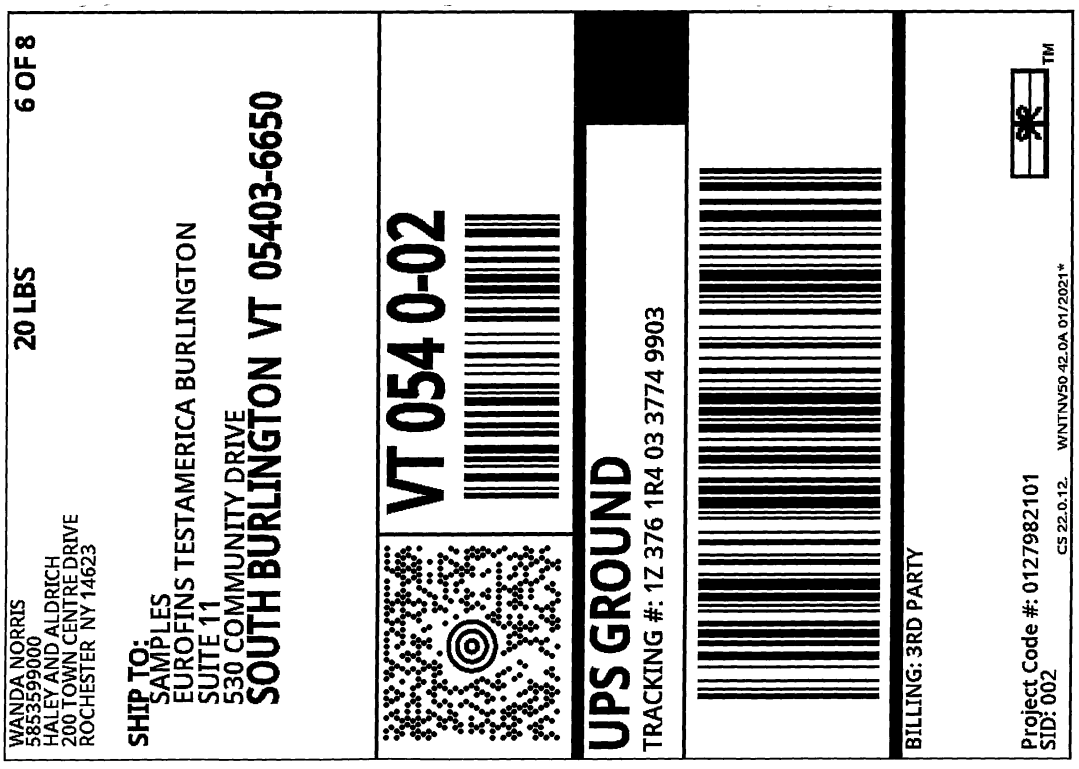
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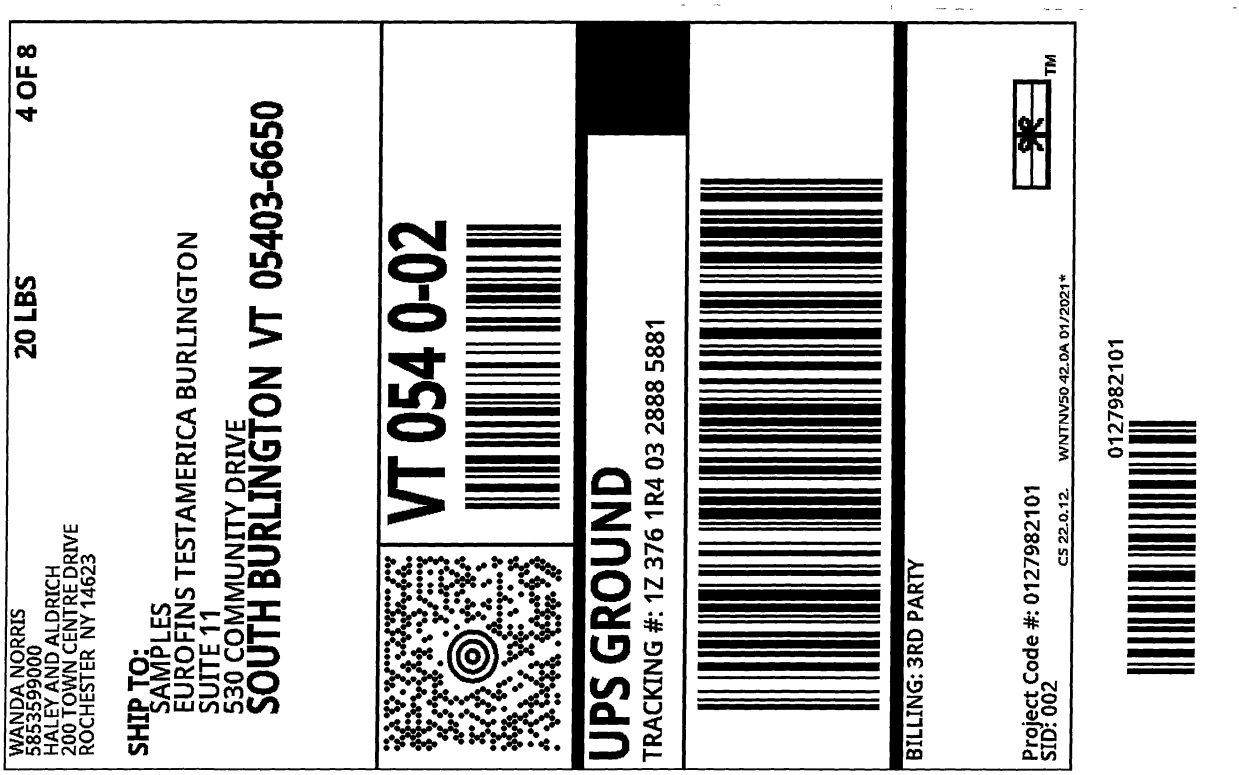
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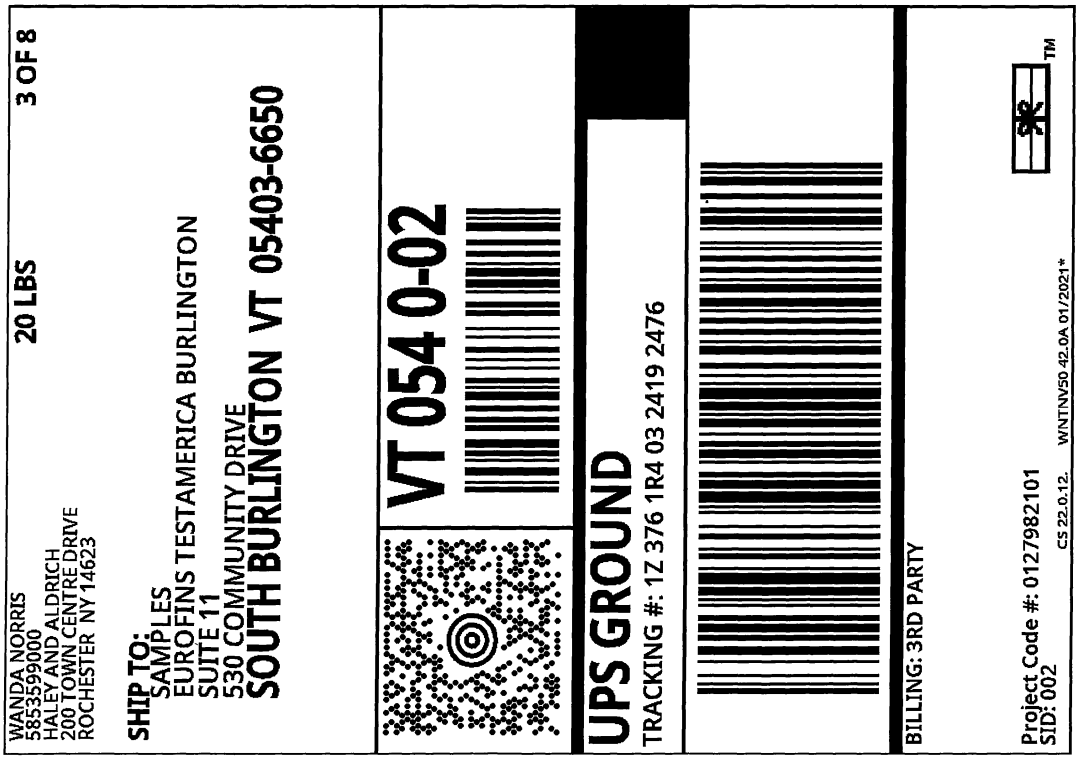
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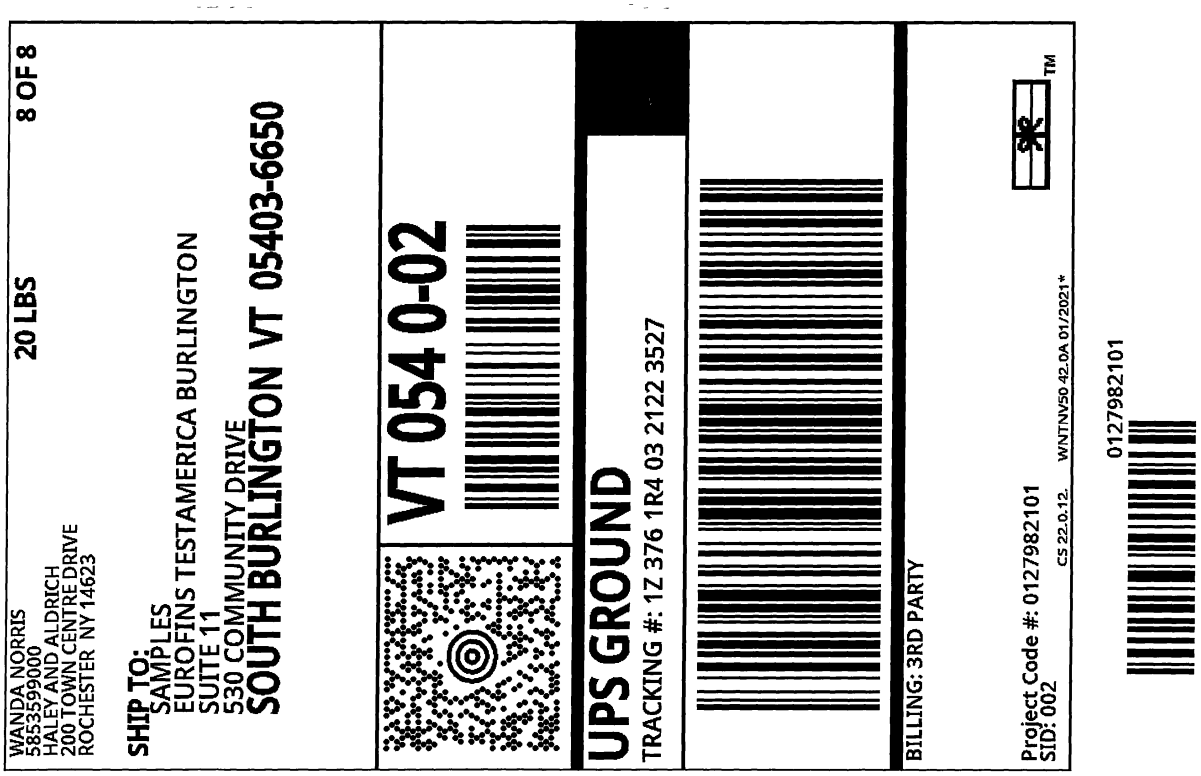
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UPS CampusShip: View/Print Label

1. **Ensure there are no other shipping or tracking labels attached to your package.** Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.

2. **Fold the printed label at the solid line below.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

3. **GETTING YOUR SHIPMENT TO UPS**
   Customers with a Daily Pickup
   Your driver will pickup your shipment(s) as usual.

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   Schedule a same day or future day Pickup to have a UPS driver pickup all your CampusShip packages.
   Hand the package to any UPS driver in your area.

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   Schedule a same day or future day Pickup to have a UPS driver pickup all your CampusShip packages.
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Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 200-57323-1

Login Number: 57323
List Number: 1
Creator: Lavigne, Scott M

List Source: Eurofins TestAmerica, Burlington

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	NA: Lab does not accept radioactive samples
The cooler's custody seal, if present, is intact.	True	No: Not present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	No: Thermal preservation not required
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	N/A	No: Thermal preservation not required
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Top Rack	10	25	12/22/2020	1404	22	22	SML	6 liter	batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	4304	103	103	0	29.7	G26	12/23/20	1222	SL	22.0	G26	1/23/21	1331	SL	21.0
2	5049		103	0		G26					G26				
3	2683		103	0		G26					G26				
4	7701		103	0		G26					G26				
5	5414		103	0		G26					G26				
6	4345	103	103	0	29.7	G26	11/23/20	1406	SL	21.0	G26	1/24/21	1342	SL	21.0
7	5632	103	103	0	29.7	G26	12/23/20	1222	SL	22.0	G26	1/23/21	1331	SL	21.0
8	3043		103	0		G26					G26				
9	5121		103	0		G26					G26				
10	4826		103	0		G26					G26				
11	3265		103	0		G26					G26				
12	34001434		103	0		G26					G26				

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Review
4345	12/30/2020	BRC4327			XXXXXX				12/30/2020	GGG

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

Form ID: FAI023:12
Revision Date: 12/18/2018

200-56640-A-6
4345
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 12/22/2020 12:00 AM 200-1456154

Loc: 200
56640
#6 A
Air-Storag

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Bottom Rack	10	25	12/23/2020	1318	22	22	SML	6 liter	batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	5098	103	102	.19	29.7	G26	12/24/20	1015	S—	22.0	G26	1/23/21	1301	S—	21.0
2	2843	"	103	0	"	G26	"	"	"	"	G26	"	"	"	"
3	4340	"	103	0	"	G26	"	"	"	"	G26	"	"	"	"
4	5138	"	103	0	"	G26	"	"	"	"	G26	"	"	"	"
5	3540	"	103	0	"	G26	"	"	"	"	G26	"	"	"	"
6	6309	"	103	0	"	G26	"	"	"	"	G26	"	"	"	"
7	4087	103	103	0	29.7	G26	1/23/20	1338	S—	21.0	G26	1/24/21	1342	S—	21.0
8	5166	103	103	0	29.7	G26	12/24/20	1115	S—	22.0	G26	1/23/21	1301	S—	21.0
9	2902	"	103	0	"	G26	"	"	"	"	G26	"	"	"	"
10	3497	"	103	0	"	G26	"	"	"	"	G26	"	"	"	"
11	4136	"	103	0	"	G26	"	"	"	"	G26	"	"	"	"
12	3074	"	103	0	"	G26	"	"	"	"	G26	"	"	"	"

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☒ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Revie
4087	1/7/21	414327	KPJ		XXXXXXX				1/7/21	[illegible]

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

200-56656-A-7
4087
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 12/23/2020 12:00 AM 200-1456594

Loc: 200
56656
#7 A
Air-Storag

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Top Rack	10	25	12/28/2020	1250	22	22	SML	6 liter	batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	6265	1.03	1.03	0	29.7	G26	12/29/20	1204	SML	22.0	G26	1/23/21	1439	S—	21.0
2	34001126	"	1.03	0	"	G26	"	"	"	"	G26	"	"	"	"
3	5146	"	1.03	0	"	G26	"	"	"	"	G26	"	"	"	"
4	2687	"	1.03	0	"	G26	"	"	"	"	G26	"	"	"	"
5	5164	"	1.03	0	"	G26	"	"	"	"	G26	"	"	"	"
6	6259	"	1.03	0	"	G26	"	"	"	"	G26	"	"	"	"
7	5636	"	1.03	0	"	G26	"	"	"	"	G26	"	"	"	"
8	2892	"	1.03	0	"	G26	"	"	"	"	G26	"	"	"	"
9	4812	"	1.03	0	"	G26	"	"	"	"	G26	"	"	"	"
10	4785	"	1.03	0	"	G26	"	"	"	"	G26	"	"	"	"
11	3519	1.03	1.03	0	29.7	G26	1/23/21	1517	S—	21.0	G26	1/24/21	1342	S—	21.0
12	5139	1.03	1.03	0	29.7	G26	12/29/20	1204	SML	22.0	G26	1/23/21	1439	S—	21.0

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☒ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Reviewer
3519	1/7/21	443447	VTP		XXXXXXX				1/7/21	TAB

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

Form ID: FAI023:12
Revision Date: 12/18/2018

200-56693-A-11
3519
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 12/28/2020 12:00 AM 200-1457344
Loc: 200
56693
#11 A
Air-Storag

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56640-1

SDG No.:

Client Sample ID: 4345 Lab Sample ID: 200-56640-6

Matrix: Air Lab File ID: 200-44277-006.D

Analysis Method: TO-15 Date Collected: 12/22/2020 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/30/2020 15:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 162598 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.40	U	0.40	0.40
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U *+	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56640-1

SDG No.:

Client Sample ID: 4345 Lab Sample ID: 200-56640-6

Matrix: Air Lab File ID: 200-44277-006.D

Analysis Method: TO-15 Date Collected: 12/22/2020 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/30/2020 15:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 162598 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U *+	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.70	U	0.70	0.70
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56640-1

SDG No.:

Client Sample ID: 4345 Lab Sample ID: 200-56640-6

Matrix: Air Lab File ID: 200-44277-006.D

Analysis Method: TO-15 Date Collected: 12/22/2020 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/30/2020 15:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 162598 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D
Lims ID: 200-56640-A-6
Client ID: 4345
Sample Type: Client
Inject. Date: 30-Dec-2020 15:39:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0044277-006
Misc. Info.: 56640-06
Operator ID: ggg Instrument ID: CHG.i

Method: \\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\TO15_MasterMethod_(v1)_G.m
Limit Group: AI_TO15_ICAL
Last Update: 31-Dec-2020 09:51:45 Calib Date: 09-Dec-2020 17:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-009.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1640

First Level Reviewer: puangmaleek Date: 31-Dec-2020 09:51:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		3.054				ND	U
2 Dichlorodifluoromethane	85		3.107				ND	7
3 Chlorodifluoromethane	51		3.123				ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.321				ND	7
5 Chloromethane	50		3.391				ND	7
7 Vinyl chloride	62		3.583				ND	7
6 Butane	43		3.589				ND	7
8 Butadiene	54		3.658				ND	U
10 Bromomethane	94		4.129				ND	
11 Chloroethane	64		4.311				ND	
13 Vinyl bromide	106		4.627				ND	7
14 Trichlorofluoromethane	101		4.760				ND	7
17 Ethanol	45		4.990				ND	7
21 1,1-Dichloroethene	96		5.622				ND	U
22 Acetone	43		5.654				ND	
20 112TCTFE	101		5.664				ND	7
24 Isopropyl alcohol	45		5.894				ND	
23 Carbon disulfide	76		6.001				ND	7
25 3-Chloro-1-propene	41		6.231				ND	7
27 Methylene Chloride	49		6.435				ND	7
28 2-Methyl-2-propanol	59		6.611				ND	
31 trans-1,2-Dichloroethene	61		6.932				ND	7
29 Methyl tert-butyl ether	73		6.948				ND	7
33 Hexane	57		7.457				ND	7
34 1,1-Dichloroethane	63		7.649				ND	7
35 Vinyl acetate	43		7.660				ND	7
38 2-Butanone (MEK)	72		8.585				ND	U
37 cis-1,2-Dichloroethene	96		8.623				ND	U
39 Ethyl acetate	88		8.698				ND	
* 40 Chlorobromomethane	128	9.030	9.029	0.001	82	105752	10.0	
41 Tetrahydrofuran	42		9.104				ND	7

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	42 Chloroform	83		9.211				ND	
	44 1,1,1-Trichloroethane	97		9.548				ND	
S	30 1,2-Dichloroethene, Total	61		9.665				ND	7
	43 Cyclohexane	84		9.719				ND	
	45 Carbon tetrachloride	117		9.853				ND	
	47 Benzene	78		10.201				ND	U
	48 1,2-Dichloroethane	62		10.260				ND	
	46 Isooctane	57		10.490				ND	
	49 n-Heptane	43		10.832				ND	7
*	50 1,4-Difluorobenzene	114	10.998	11.003	-0.005	95	590681	10.0	
	53 Trichloroethene	95		11.490				ND	7
	54 1,2-Dichloropropane	63		11.982				ND	
	55 Methyl methacrylate	69		12.116				ND	
	56 1,4-Dioxane	88		12.137				ND	7
	57 Dibromomethane	174		12.137				ND	U
	58 Dichlorobromomethane	83		12.496				ND	
	60 cis-1,3-Dichloropropene	75		13.395				ND	7
	61 4-Methyl-2-pentanone (MIBK)	43		13.689				ND	
	65 Toluene	92		14.112				ND	U
	66 trans-1,3-Dichloropropene	75		14.540				ND	7
	67 1,1,2-Trichloroethane	83		14.941				ND	7
	68 Tetrachloroethene	166		15.192				ND	7
	69 2-Hexanone	43		15.412				ND	7
	71 Chlorodibromomethane	129		15.722				ND	7
	72 Ethylene Dibromide	107		15.979				ND	7
*	74 Chlorobenzene-d5	117	16.963	16.963	0.000	89	543550	10.0	
	75 Chlorobenzene	112		17.022				ND	U
	76 Ethylbenzene	91	17.263	17.263	0.011	20	3754	0.0696	M
	78 m-Xylene & p-Xylene	106		17.530				ND	7
	79 o-Xylene	106	18.338	18.338	-0.005	1	1620	0.0807	M
	80 Styrene	104		18.375				ND	7
	81 Bromoform	173		18.718				ND	7
	82 Isopropylbenzene	105		19.130				ND	7
S	73 Xylenes, Total	106				0		0.0807	
	84 1,1,2,2-Tetrachloroethane	83		19.670				ND	7
	85 N-Propylbenzene	91		19.921				ND	7
	89 2-Chlorotoluene	91		20.066				ND	U
	88 4-Ethyltoluene	105		20.141				ND	7
	90 1,3,5-Trimethylbenzene	105		20.242				ND	U
	92 tert-Butylbenzene	119		20.761				ND	7
	93 1,2,4-Trimethylbenzene	105		20.852				ND	U
	94 sec-Butylbenzene	105		21.109				ND	U
	96 1,3-Dichlorobenzene	146		21.264				ND	U
	95 4-Isopropyltoluene	119		21.339				ND	7
	97 1,4-Dichlorobenzene	146		21.414				ND	U
	98 Benzyl chloride	91		21.564				ND	U
	100 n-Butylbenzene	91		21.911				ND	U
	101 1,2-Dichlorobenzene	146		21.911				ND	U
	103 1,2,4-Trichlorobenzene	180		24.319				ND	U
	104 Hexachlorobutadiene	225		24.586				ND	U
	105 Naphthalene	128		24.768				ND	U

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

ATTO15GIS_00017	Amount Added: 20.00	Units: mL	Run Reagent

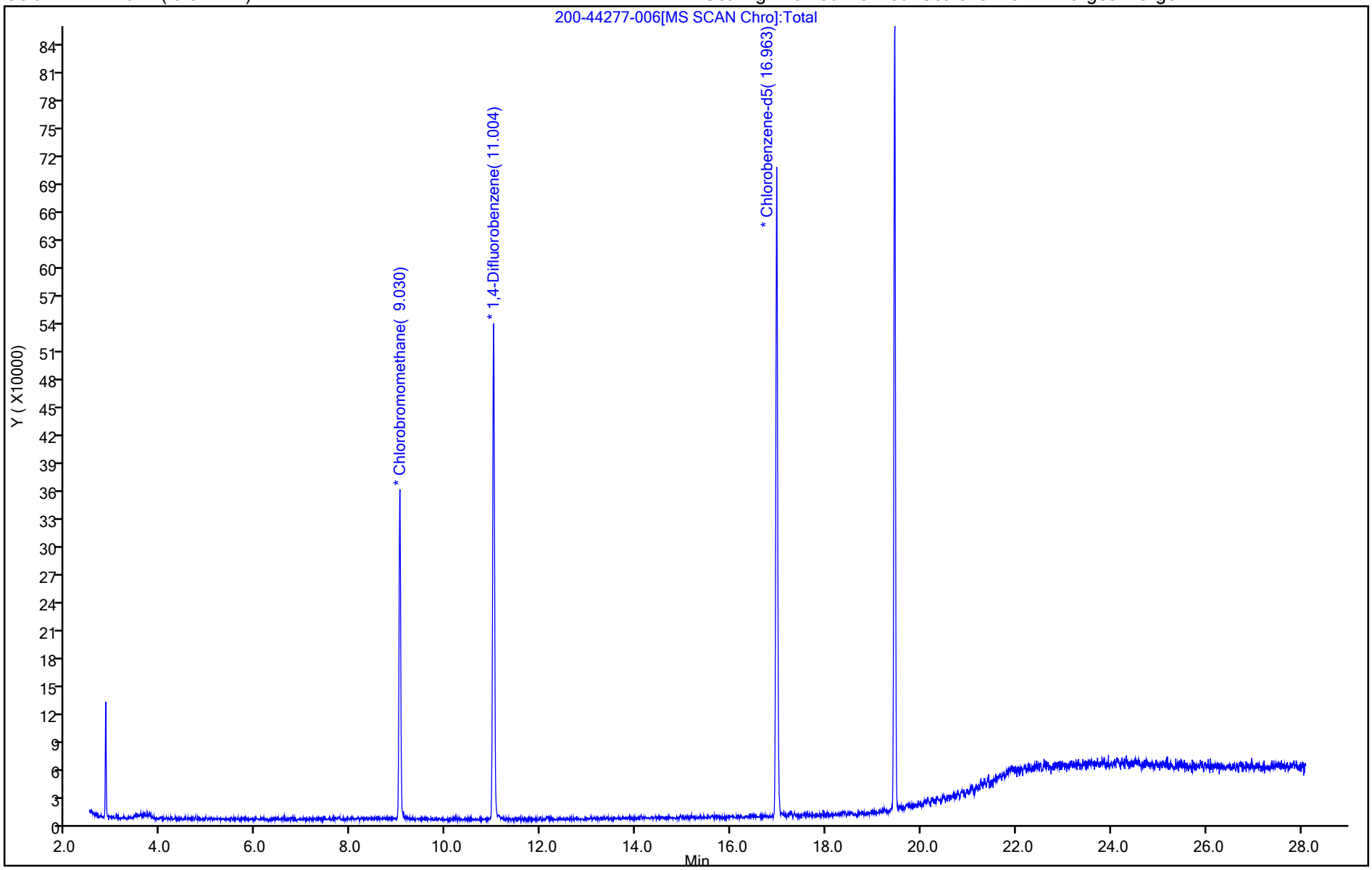
Report Date: 31-Dec-2020 09:51:46 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D

Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i	Operator ID:	ggg
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6	Worklist Smp#:	6
Client ID:	4345				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



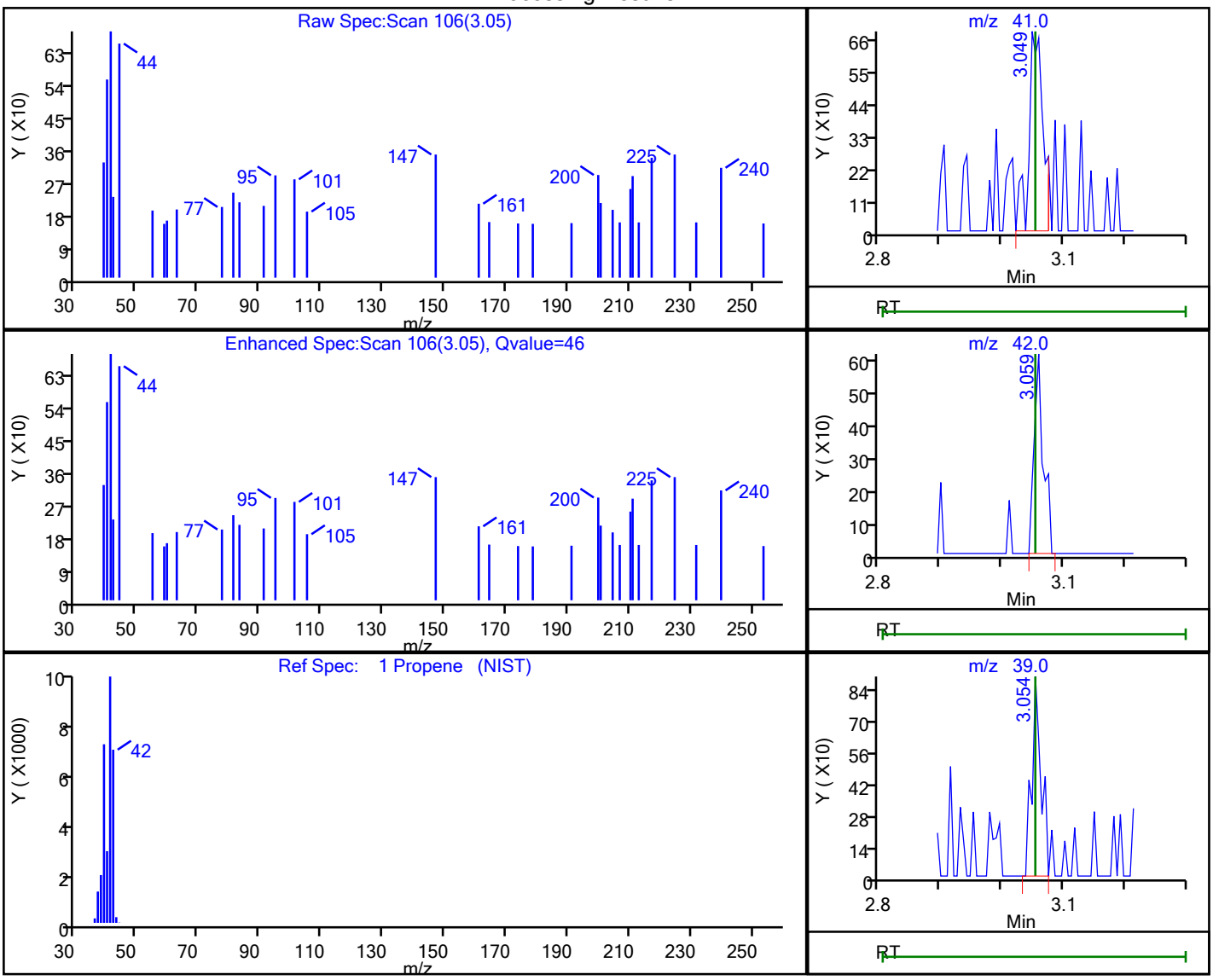
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

1 Propene, CAS: 115-07-1

Processing Results



RT	Mass	Response	Amount
3.05	41.00	1110	0.239350
3.06	42.00	645	
3.05	39.00	957	

Reviewer: puangmaleek, 31-Dec-2020 09:47:17

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

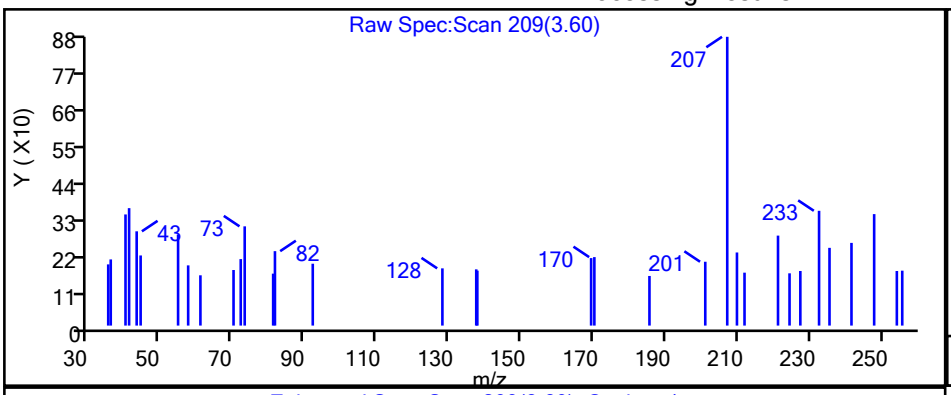
User Disabled Compound Report

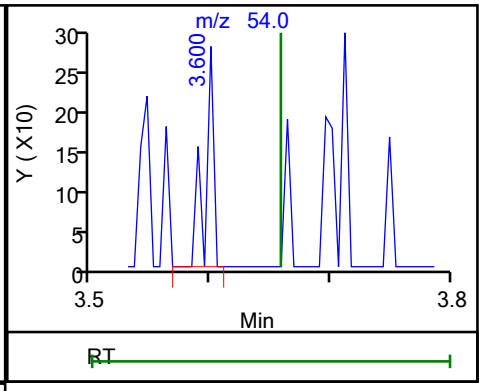
Eurofins TestAmerica, Burlington

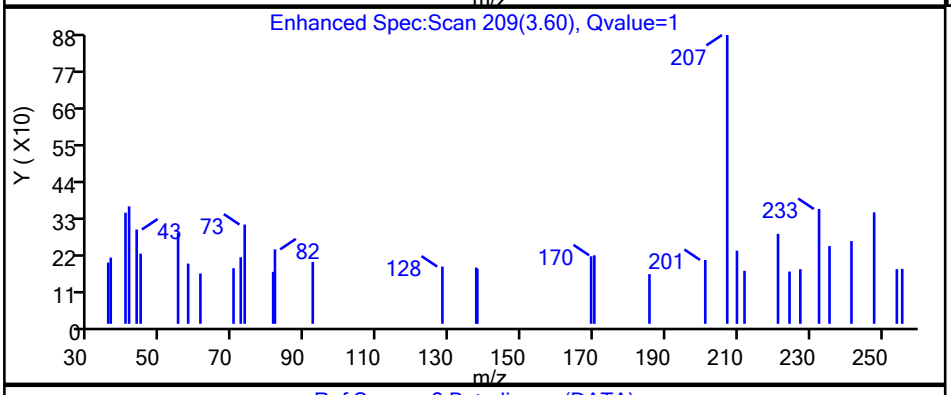
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Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

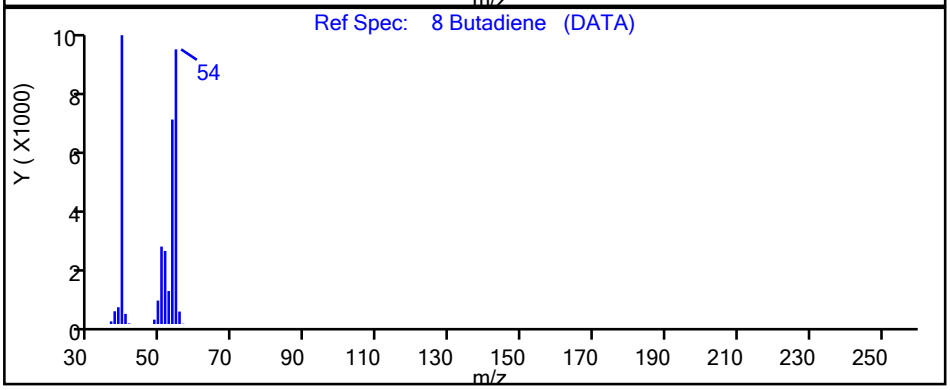
8 Butadiene, CAS: 106-99-0

Processing Results









RT	Mass	Response	Amount
3.60	54.00	136	0.030026

Reviewer: puangmaleek, 31-Dec-2020 09:47:23

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

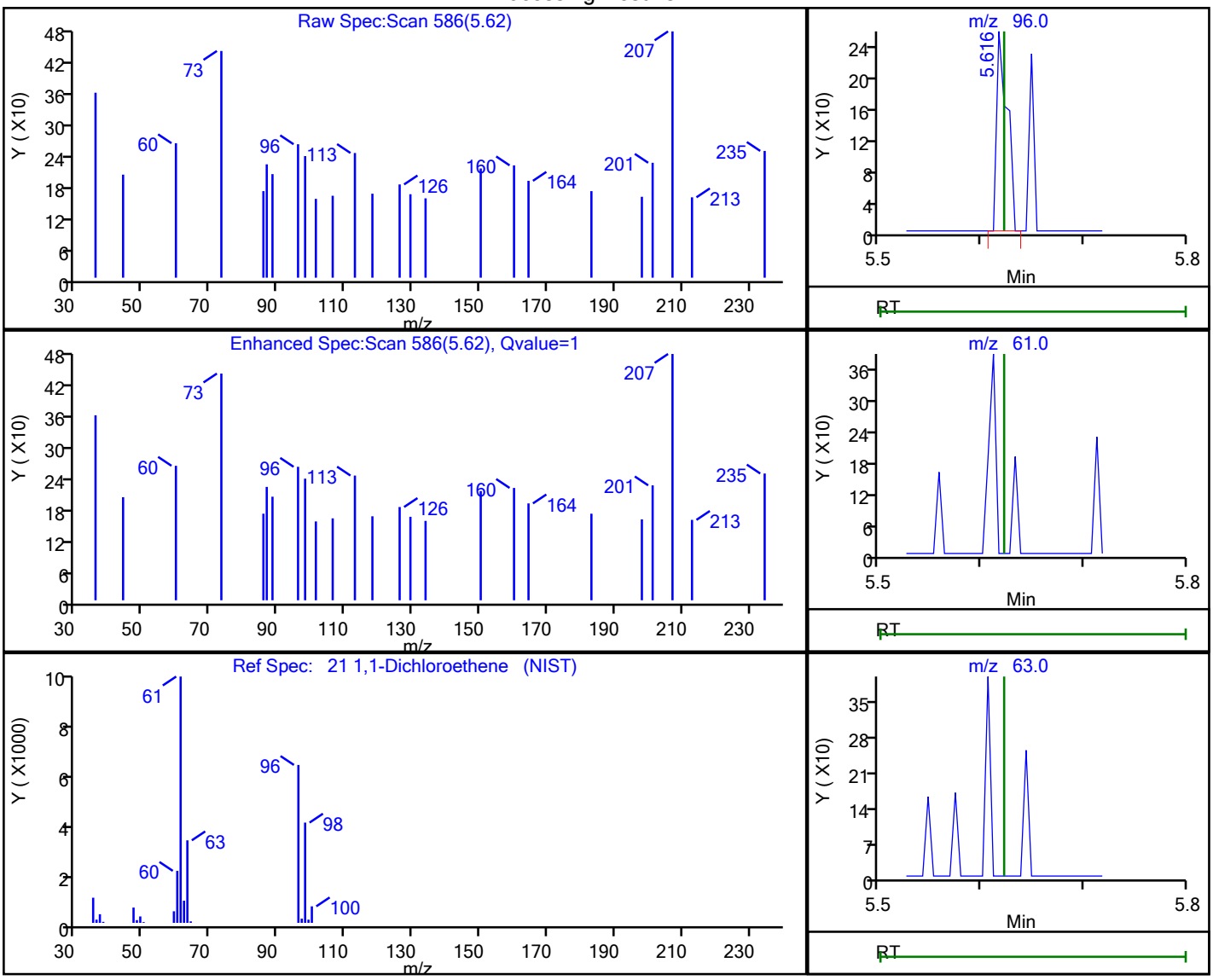
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

21 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
5.62	96.00	185	0.021150
5.62	61.00	0	
5.62	63.00	0	

Reviewer: puangmaleek, 31-Dec-2020 09:47:27

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

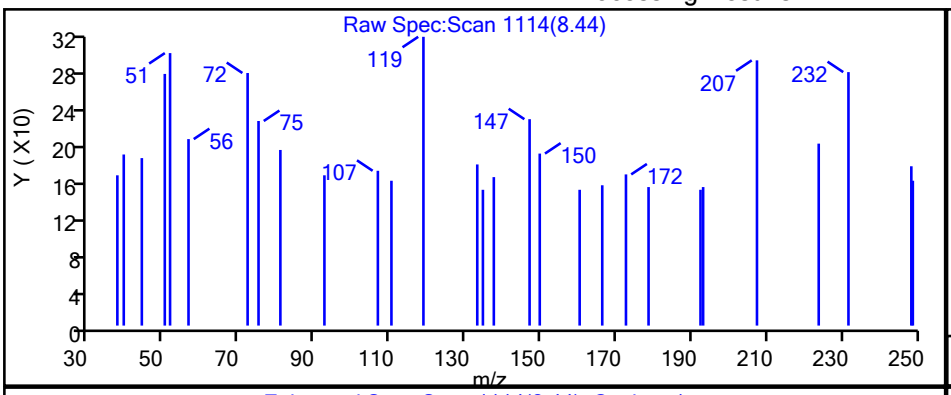
User Disabled Compound Report

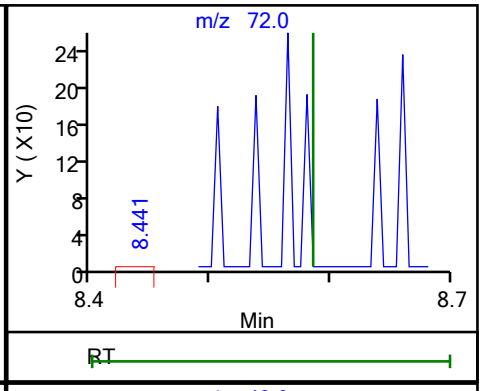
Eurofins TestAmerica, Burlington

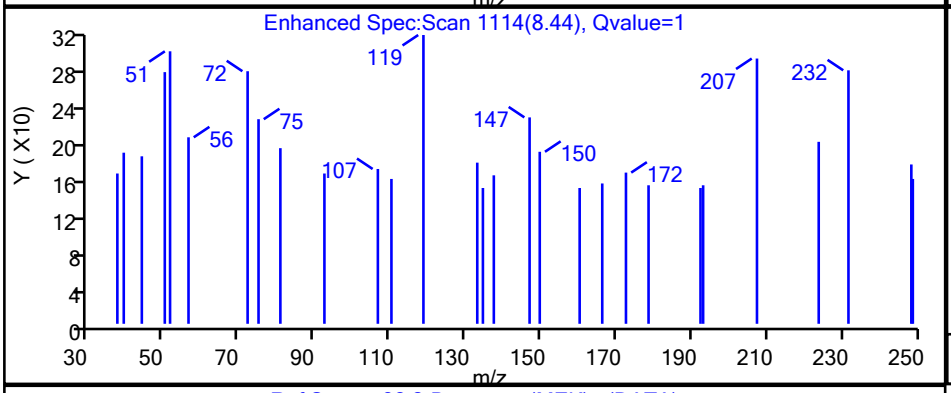
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Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

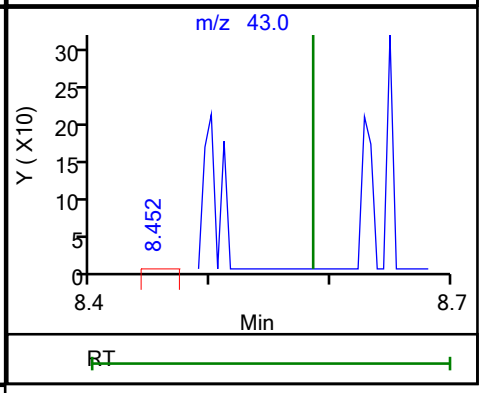
38 2-Butanone (MEK), CAS: 78-93-3

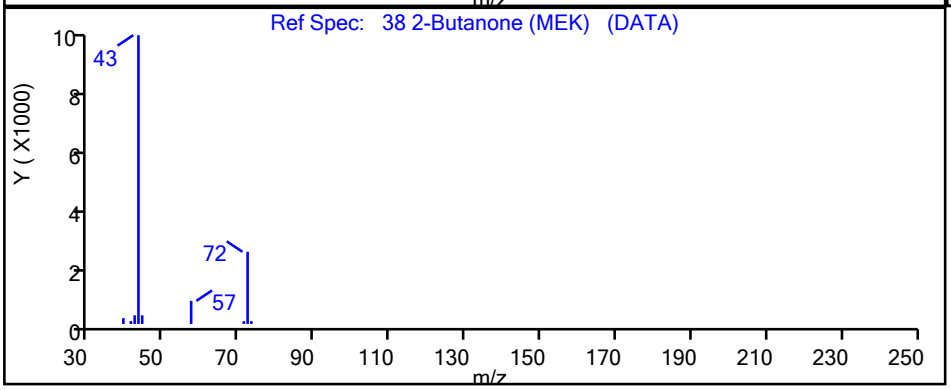
Processing Results











RT	Mass	Response	Amount
8.44	72.00	160	0.053554
8.45	43.00	192	

Reviewer: puangmaleek, 31-Dec-2020 09:47:38

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

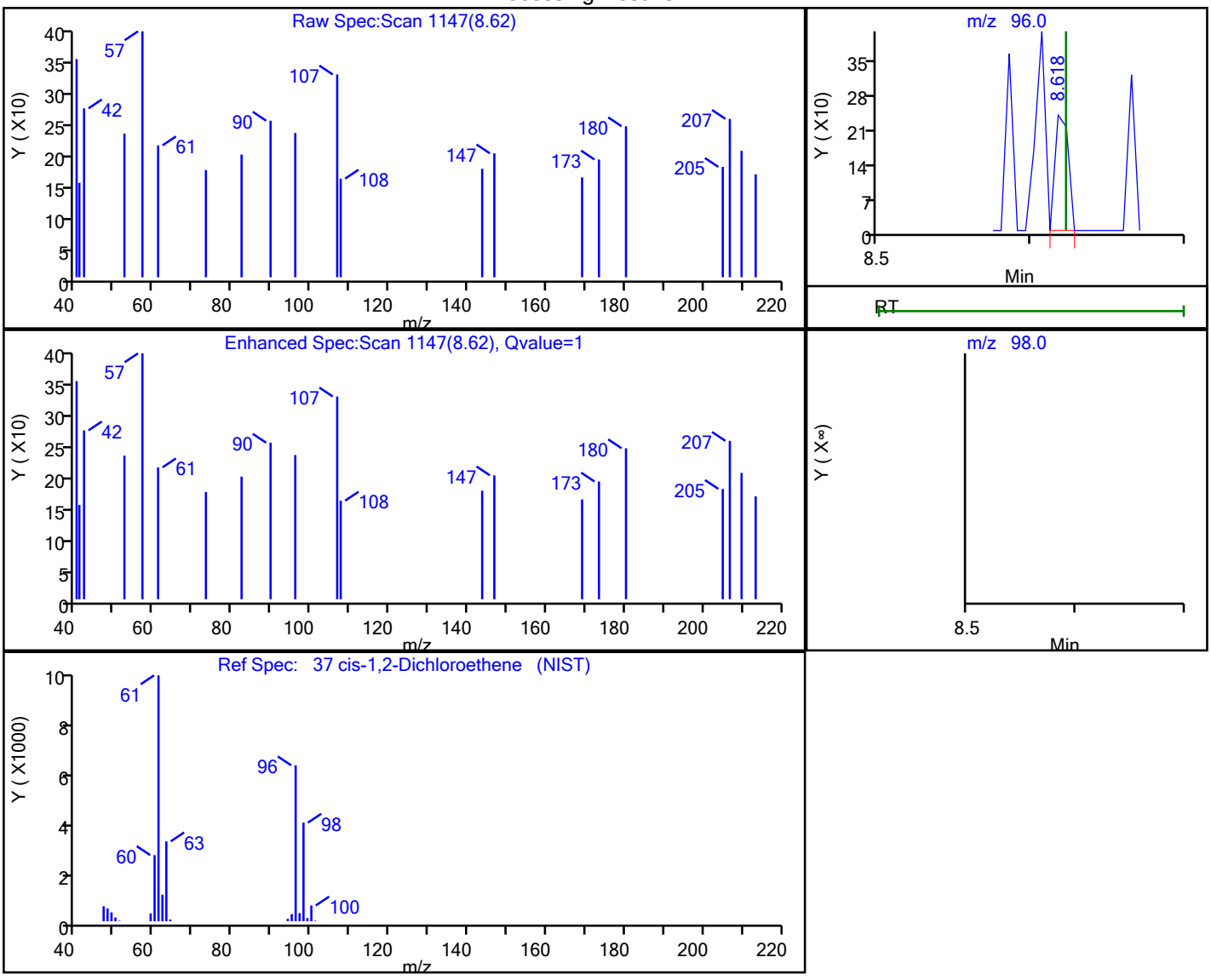
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

37 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results



RT	Mass	Response	Amount
8.62	96.00	143	0.015338
8.62	98.00	0	

Reviewer: puangmaleek, 31-Dec-2020 09:47:41

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

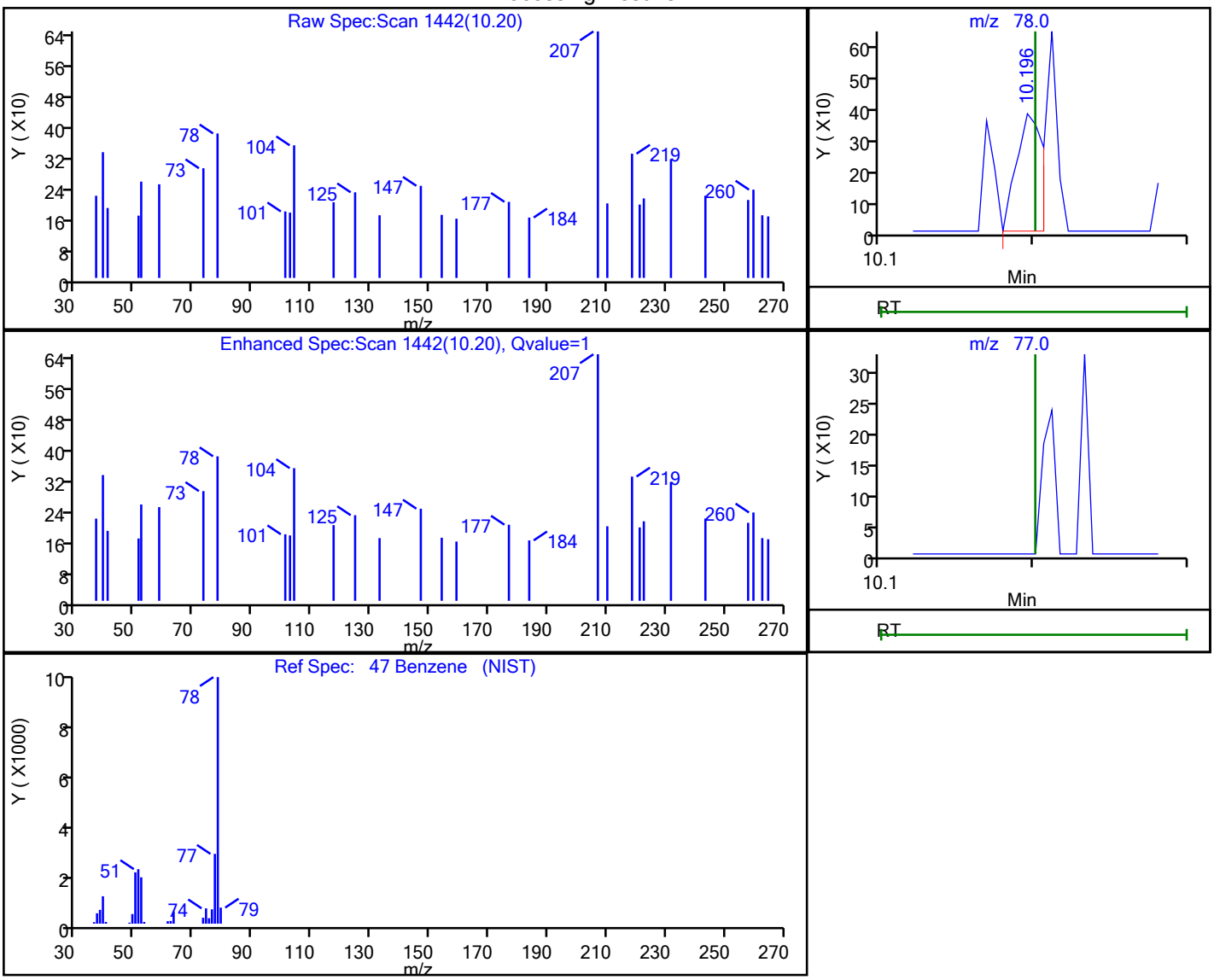
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
10.20	78.00	448	0.015827
10.20	77.00	0	

Reviewer: puangmaleek, 31-Dec-2020 09:47:50

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

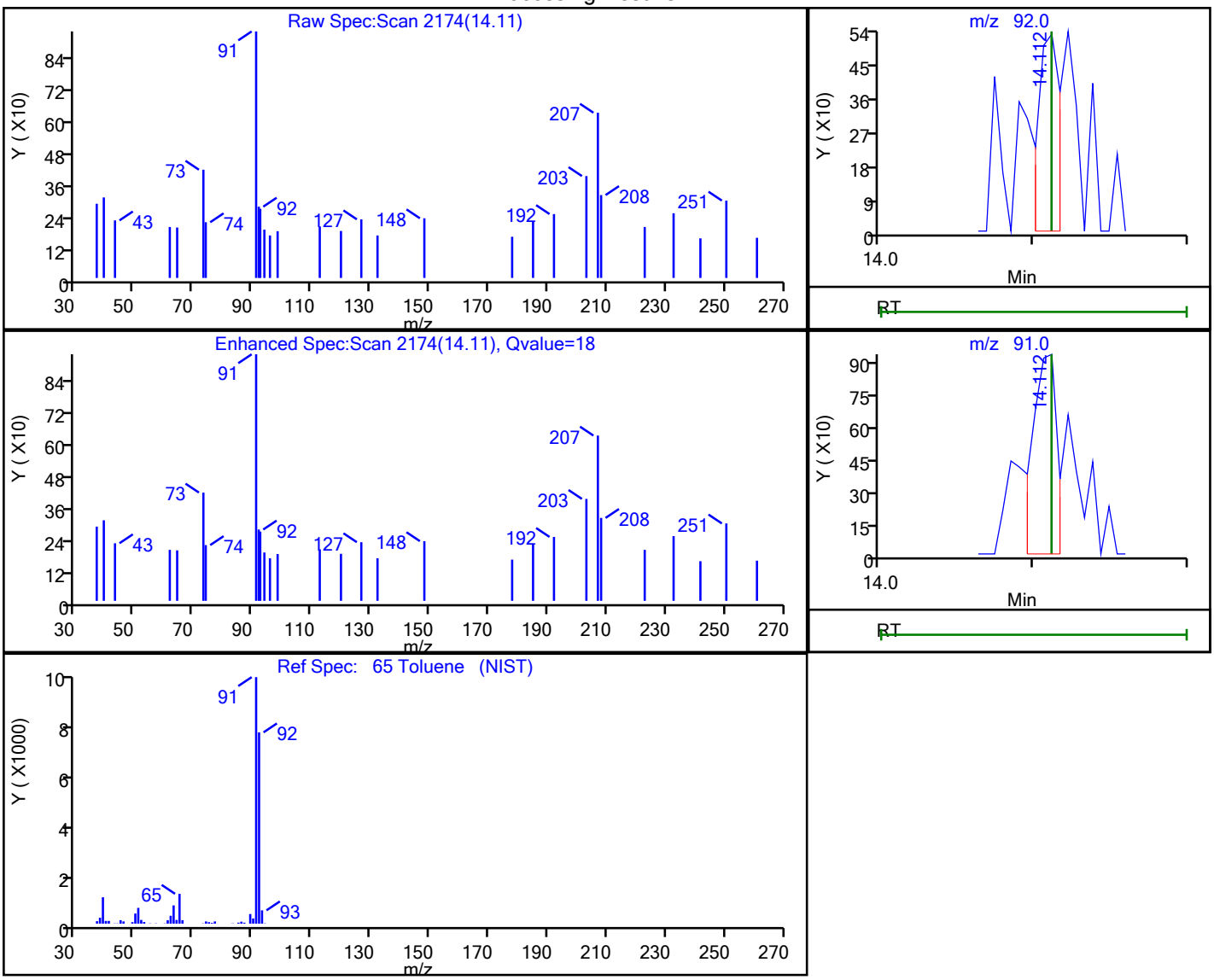
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

65 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
14.11	92.00	525	0.021981
14.11	91.00	1043	

Reviewer: puangmaleek, 31-Dec-2020 09:48:08

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

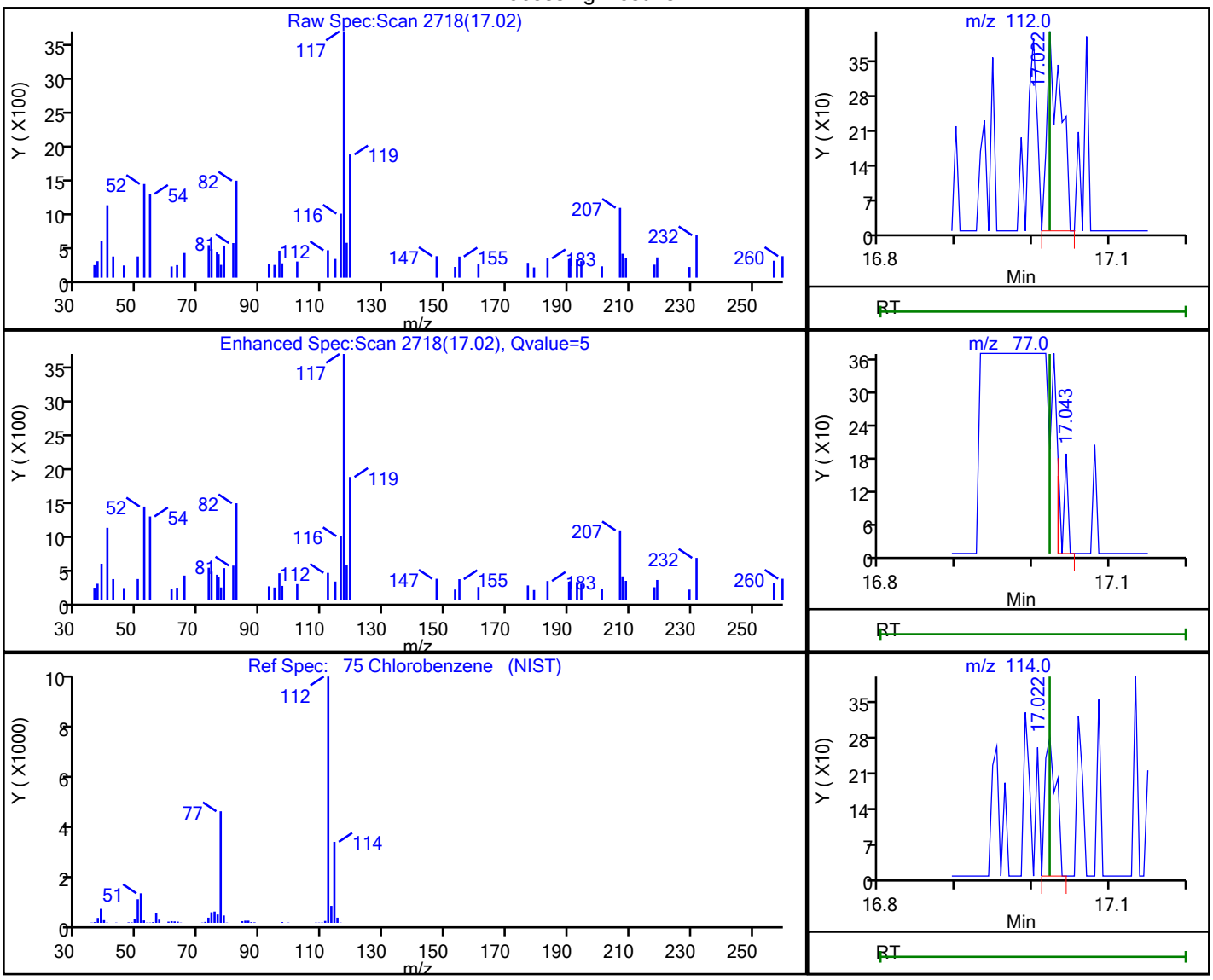
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

75 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
17.02	112.00	505	0.014727
17.04	77.00	114	
17.02	114.00	282	

Reviewer: puangmaleek, 31-Dec-2020 09:49:30

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

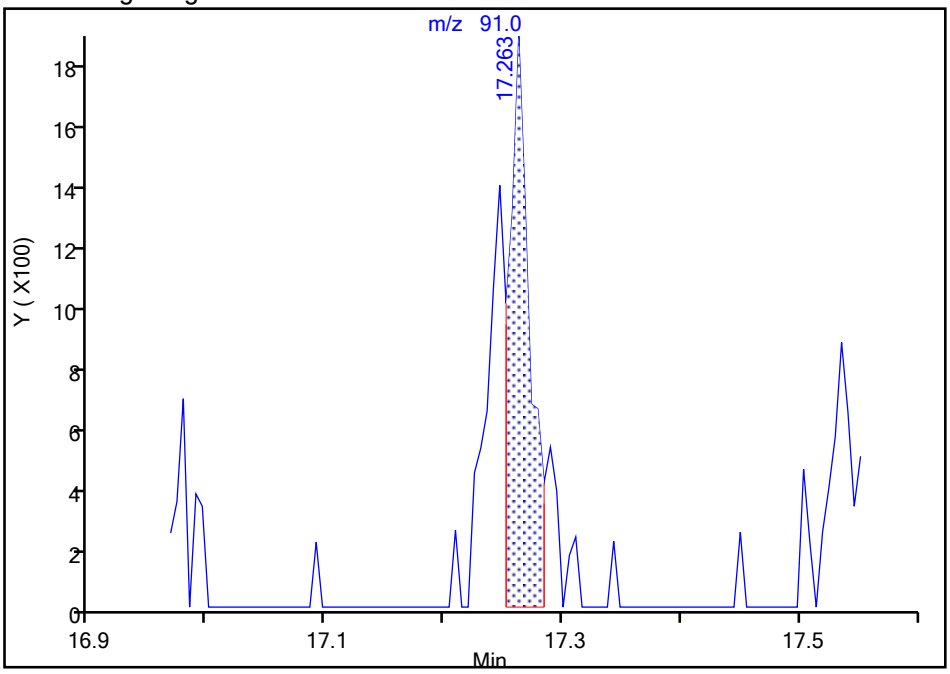
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Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

76 Ethylbenzene, CAS: 100-41-4

Signal: 1

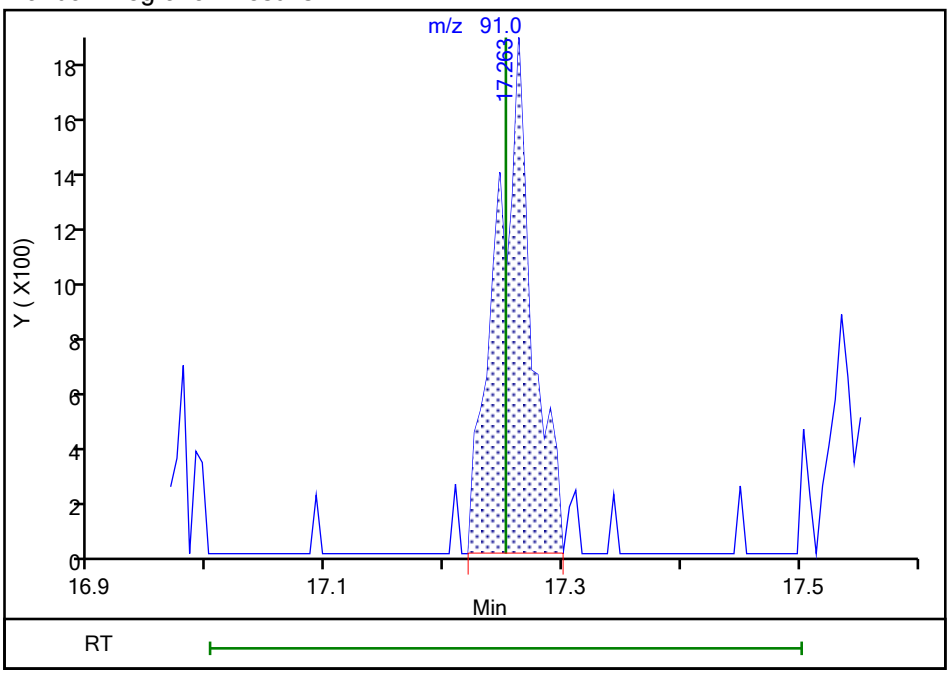
Processing Integration Results

RT: 17.26
Area: 2235
Amount: 0.041413
Amount Units: ppb v/v



Manual Integration Results

RT: 17.26
Area: 3754
Amount: 0.069559
Amount Units: ppb v/v



Reviewer: puangmaleek, 31-Dec-2020 09:49:49

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

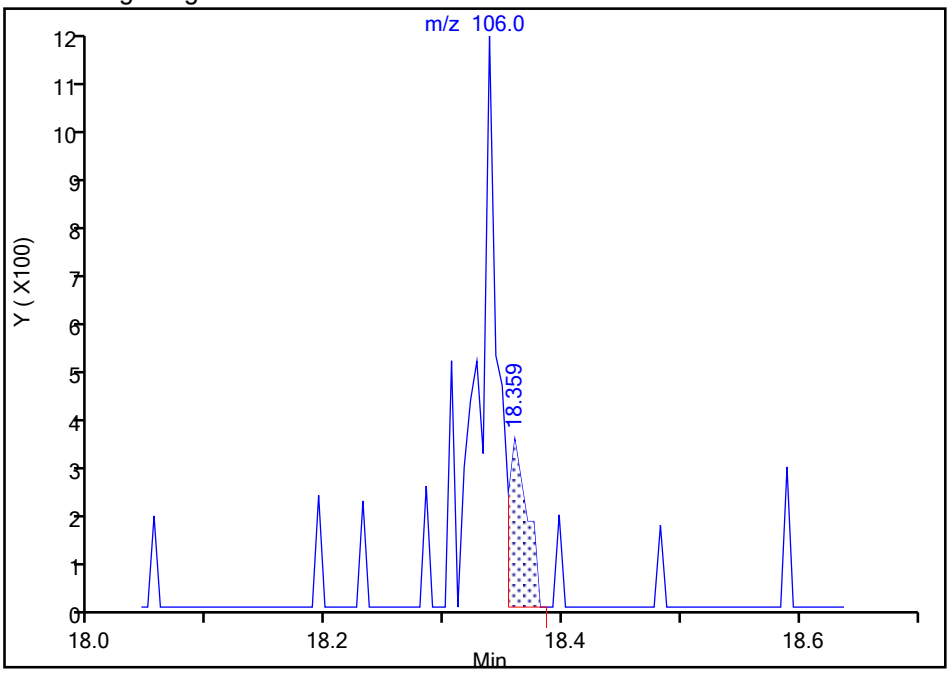
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

79 o-Xylene, CAS: 95-47-6

Signal: 1

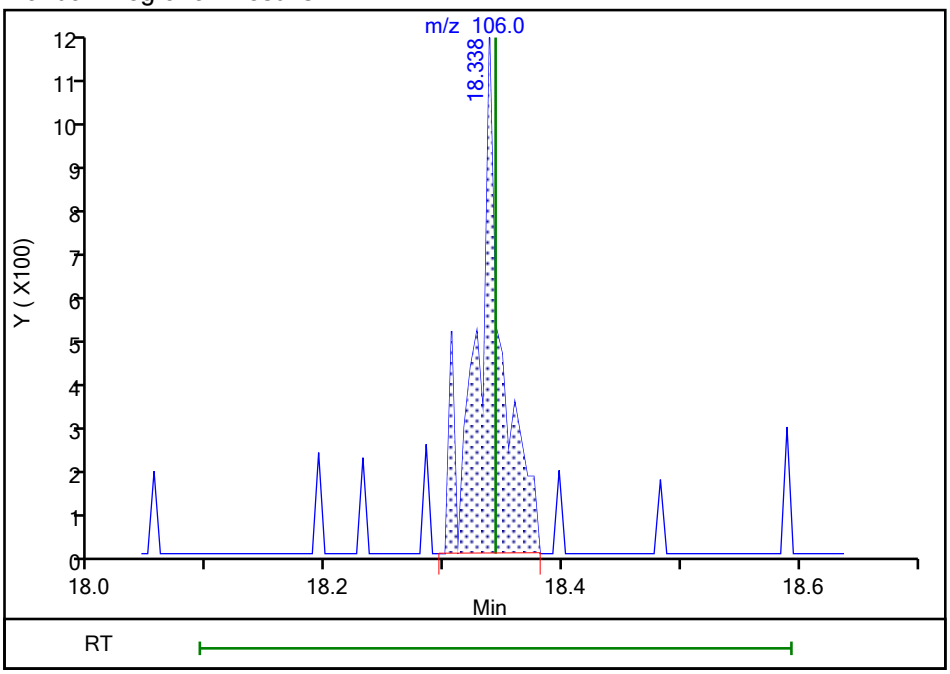
Processing Integration Results

RT: 18.36
Area: 360
Amount: 0.017932
Amount Units: ppb v/v



Manual Integration Results

RT: 18.34
Area: 1620
Amount: 0.080693
Amount Units: ppb v/v



Reviewer: puangmaleek, 31-Dec-2020 09:50:15
Audit Action: Manually Integrated Audit Reason: Assign Peak

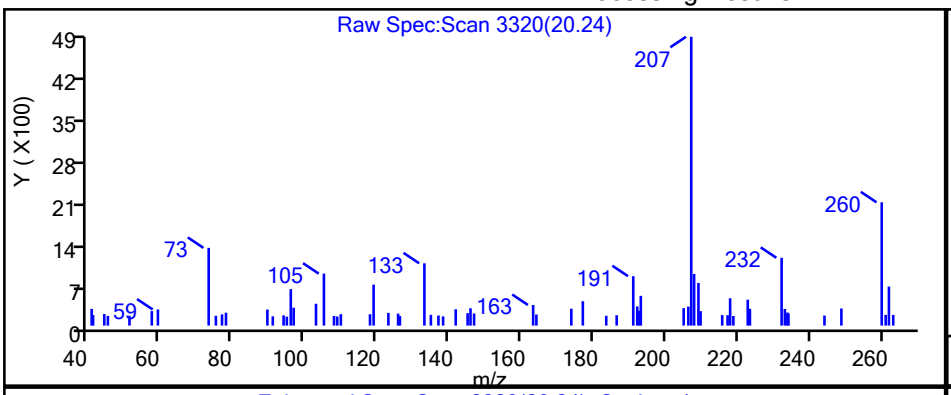
User Disabled Compound Report

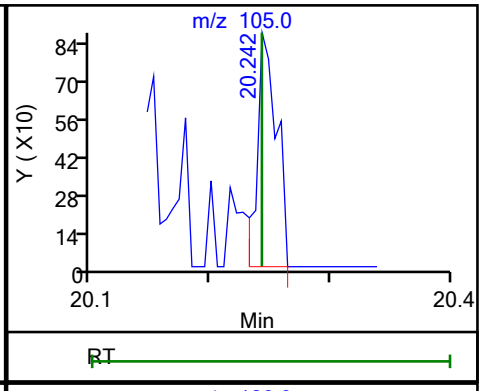
Eurofins TestAmerica, Burlington

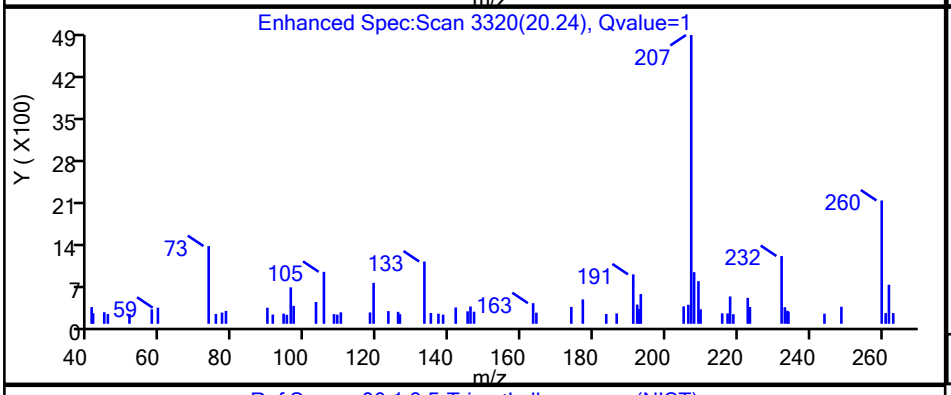
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

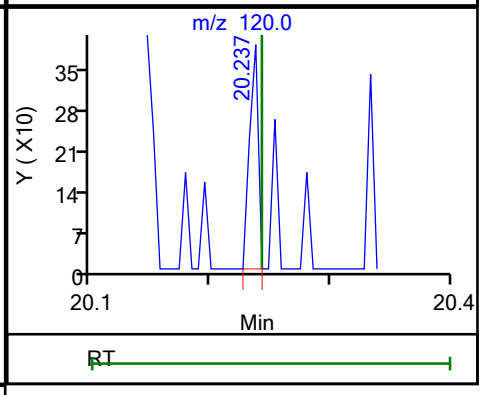
90 1,3,5-Trimethylbenzene, CAS: 108-67-8

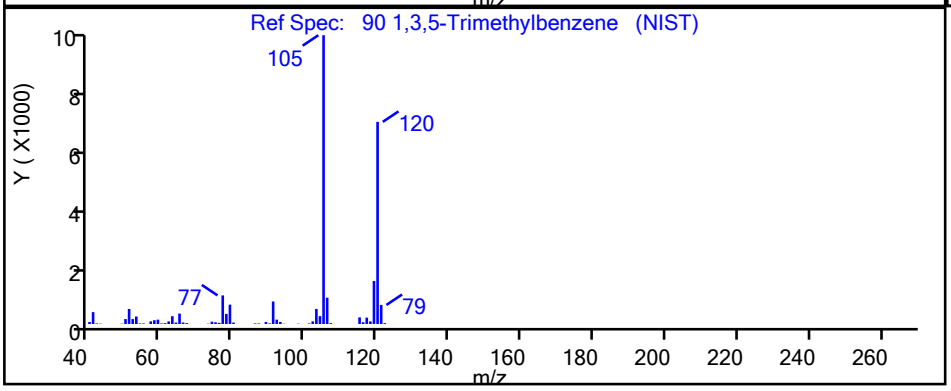
Processing Results











RT	Mass	Response	Amount
20.24	105.00	982	0.019922
20.24	120.00	199	

Reviewer: puangmaleek, 31-Dec-2020 09:50:35

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

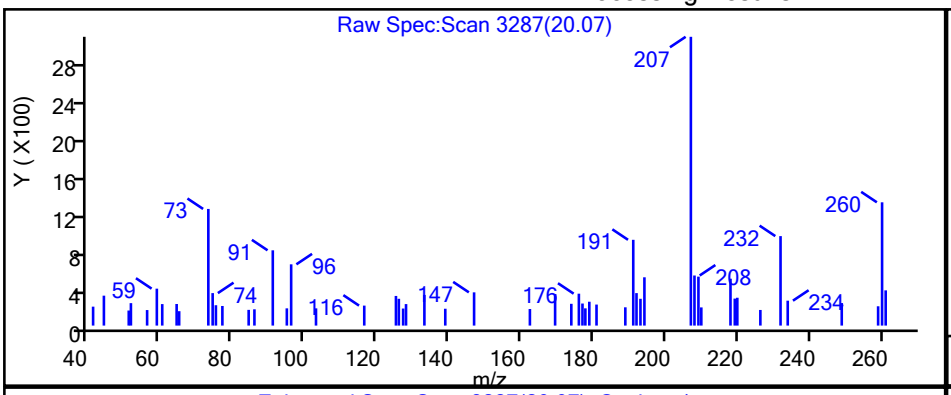
User Disabled Compound Report

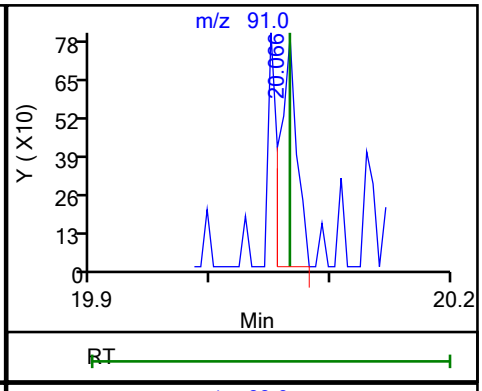
Eurofins TestAmerica, Burlington

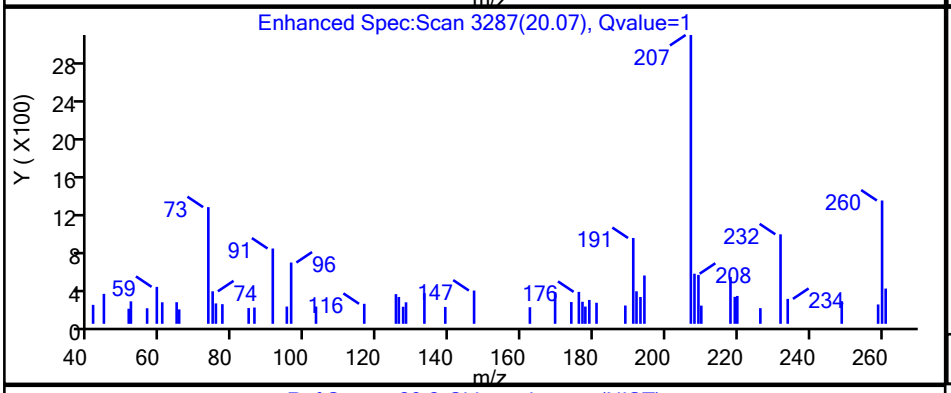
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

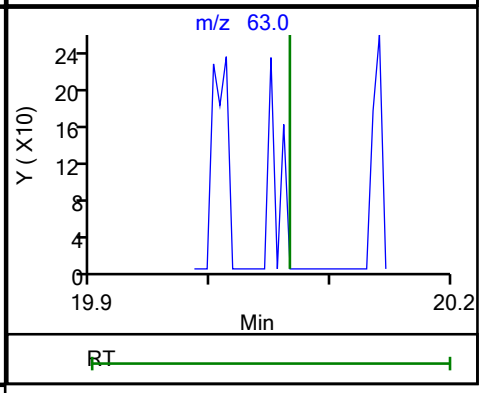
89 2-Chlorotoluene, CAS: 95-49-8

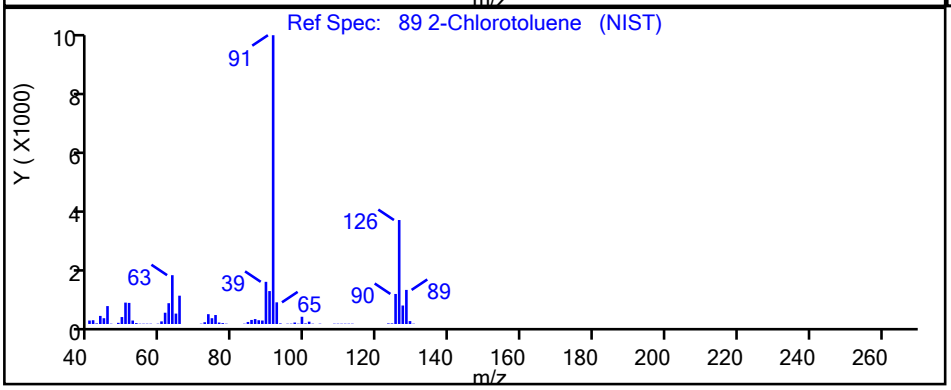
Processing Results











RT	Mass	Response	Amount
20.07	91.00	753	0.016971
20.07	63.00	0	

Reviewer: puangmaleek, 31-Dec-2020 09:50:29

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

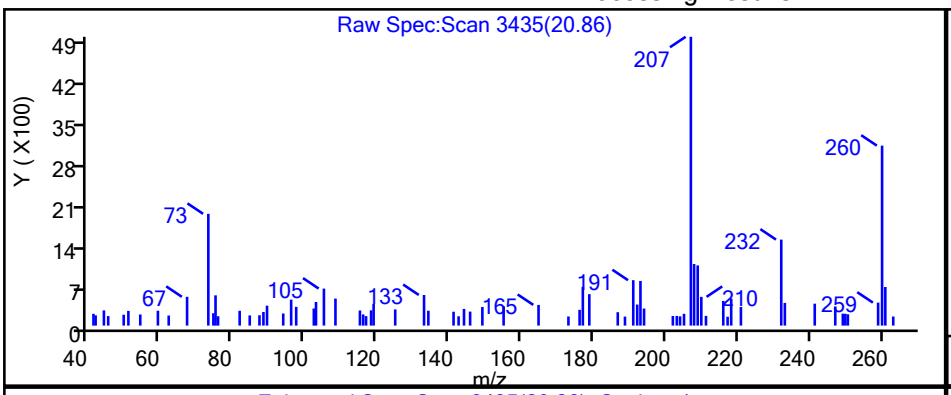
User Disabled Compound Report

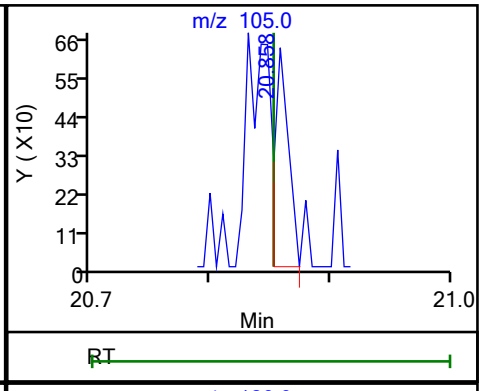
Eurofins TestAmerica, Burlington

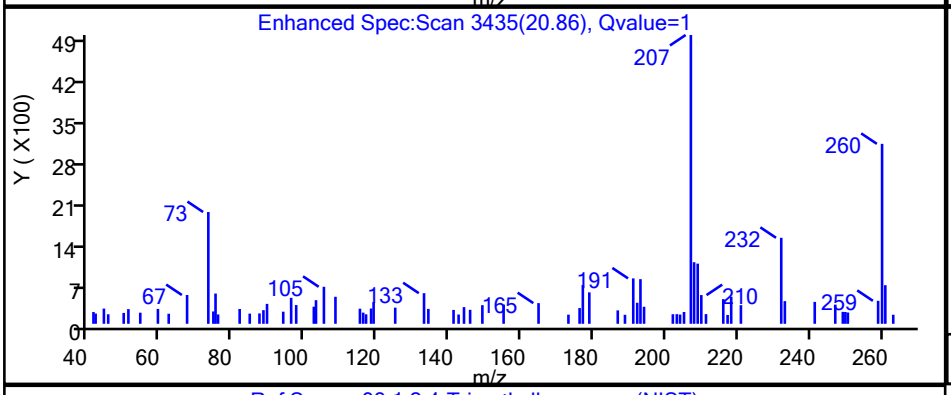
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

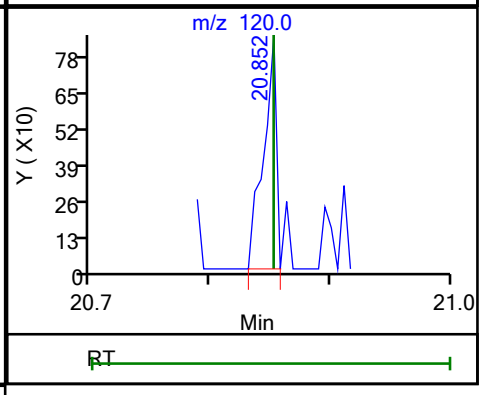
93 1,2,4-Trimethylbenzene, CAS: 95-63-6

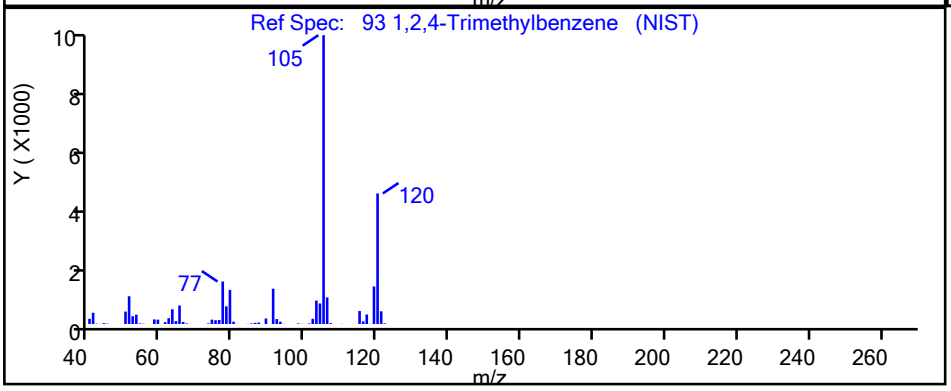
Processing Results











RT	Mass	Response	Amount
20.86	105.00	499	0.010219
20.85	120.00	638	

Reviewer: puangmaleek, 31-Dec-2020 09:50:58

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

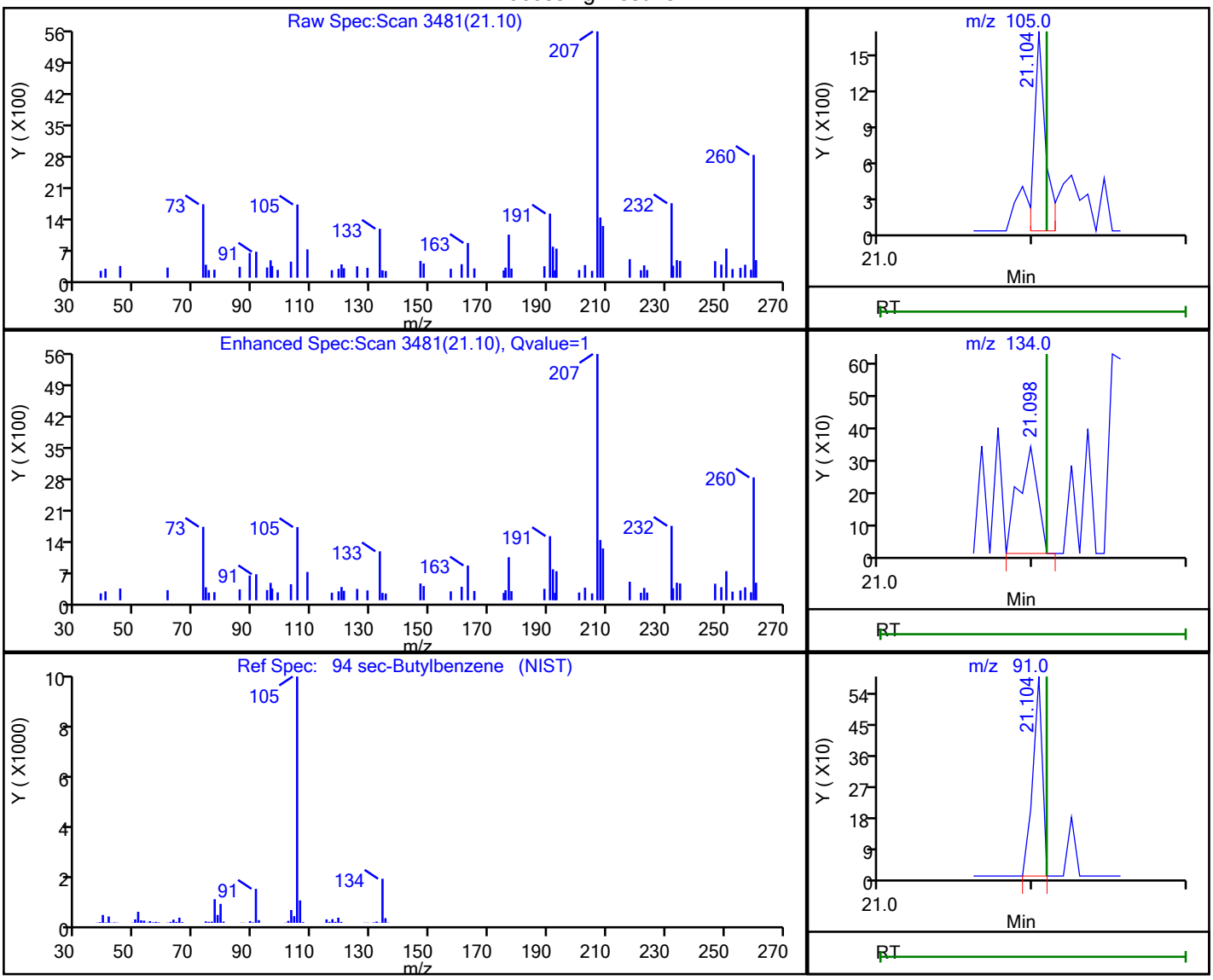
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

94 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
21.10	105.00	836	0.012362
21.10	134.00	287	
21.10	91.00	252	

Reviewer: puangmaleek, 31-Dec-2020 09:51:01

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

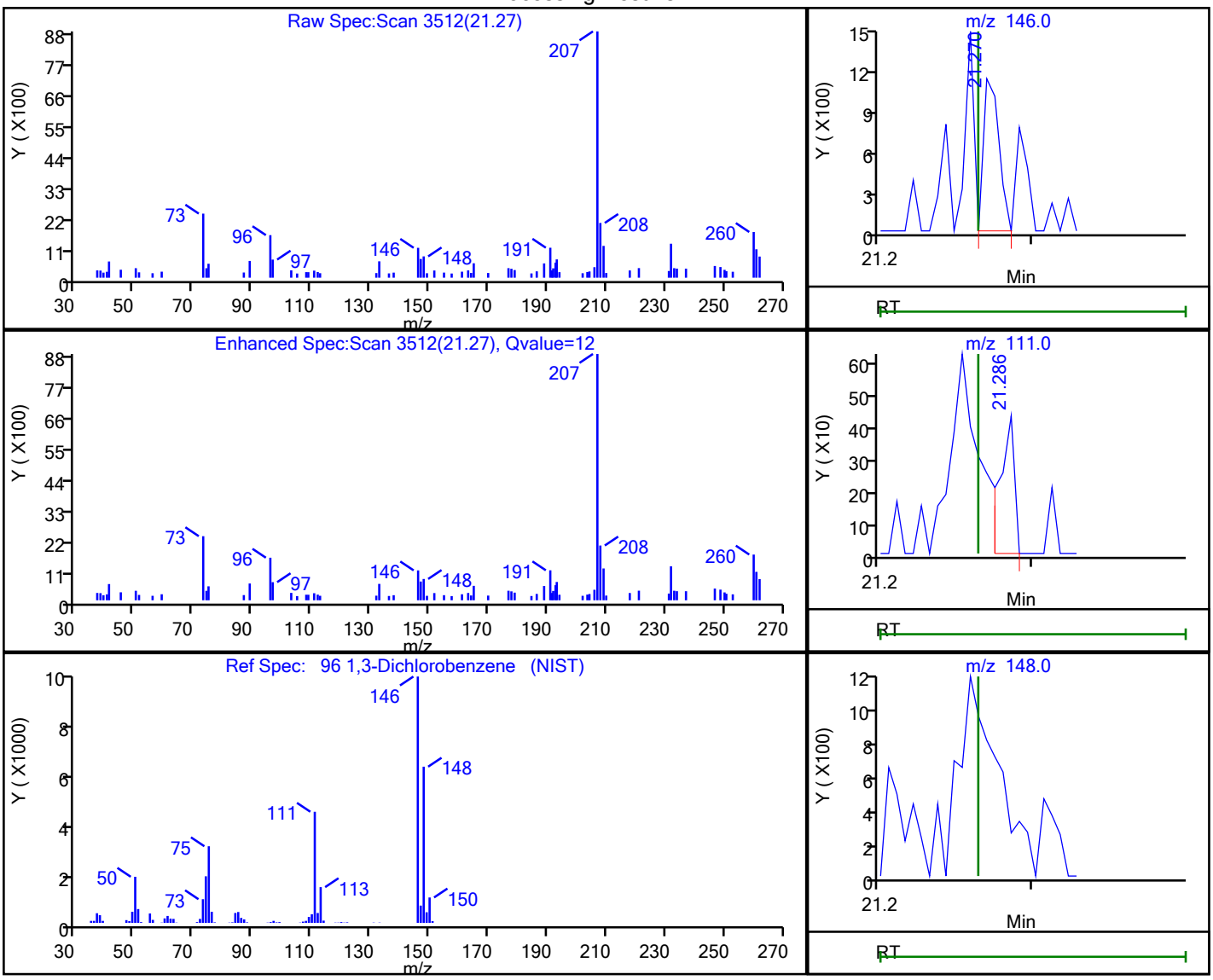
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

96 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
21.27	146.00	752	0.020947
21.29	111.00	287	
21.26	148.00	0	

Reviewer: puangmaleek, 31-Dec-2020 09:51:12

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

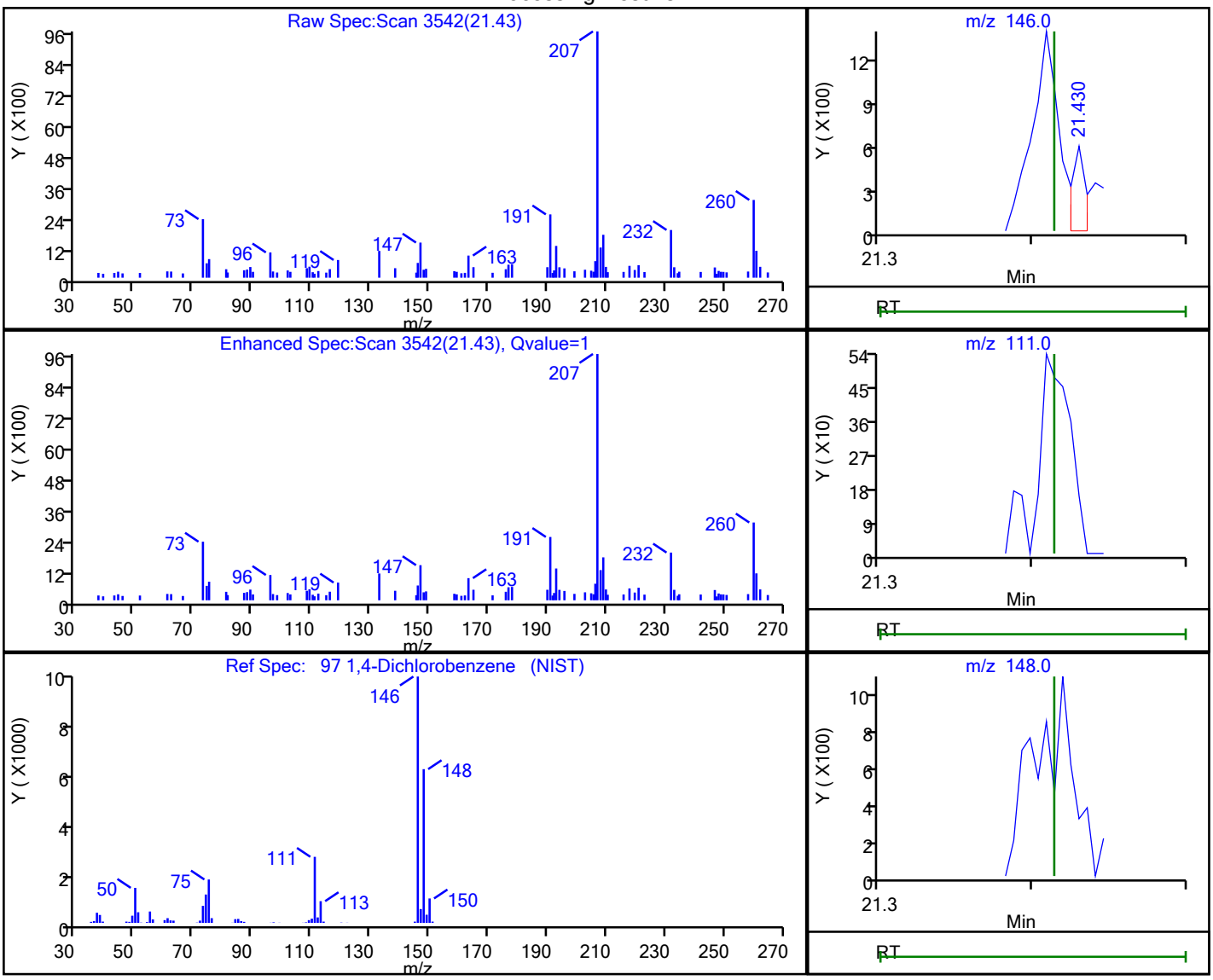
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

97 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
21.43	146.00	364	0.009984
21.41	111.00	0	
21.41	148.00	0	

Reviewer: puangmaleek, 31-Dec-2020 09:51:16

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

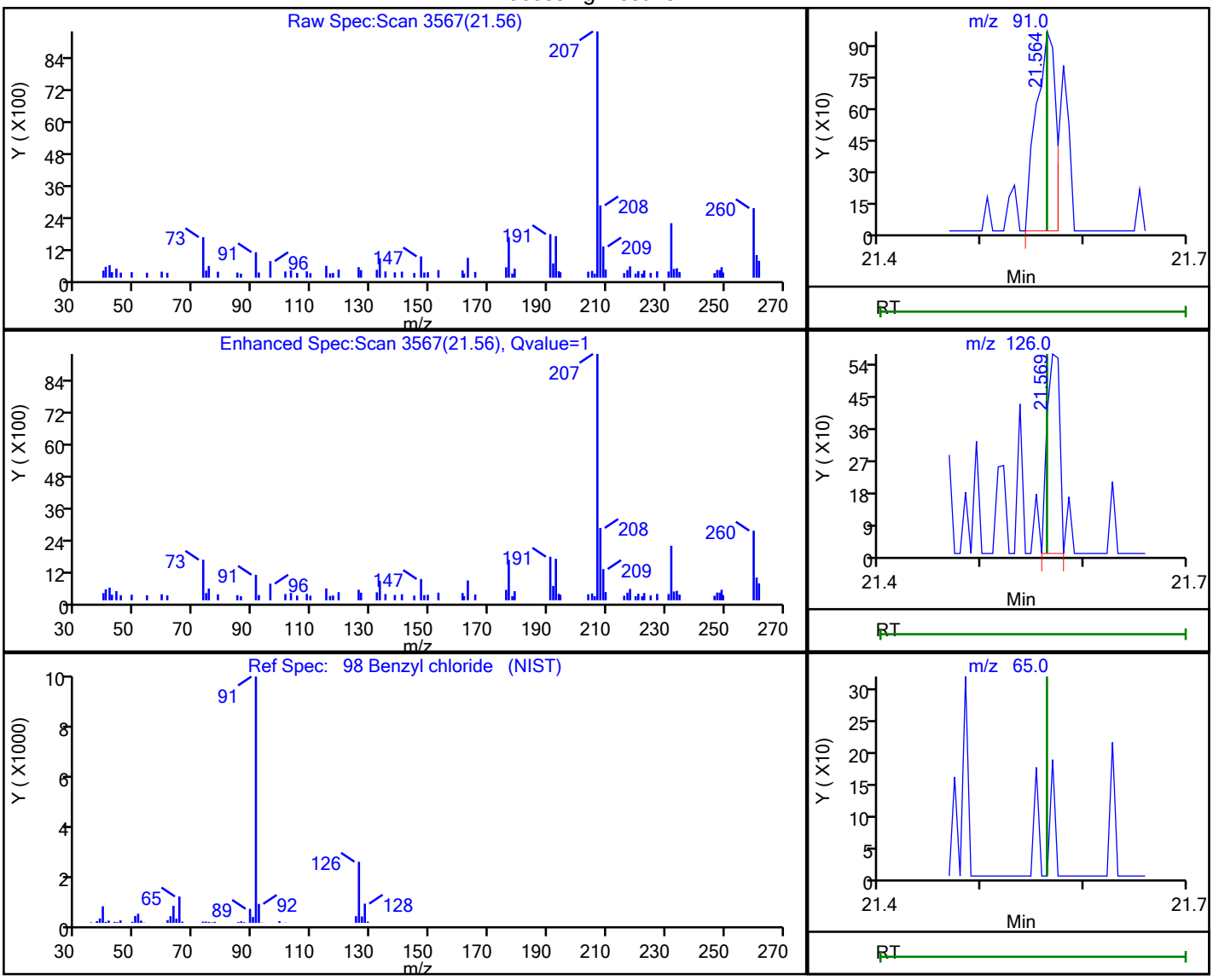
User Disabled Compound Report

Eurofins TestAmerica, Burlington

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Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

98 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
21.56	91.00	1275	0.035053
21.57	126.00	488	
21.56	65.00	0	

Reviewer: puangmaleek, 31-Dec-2020 09:51:23

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

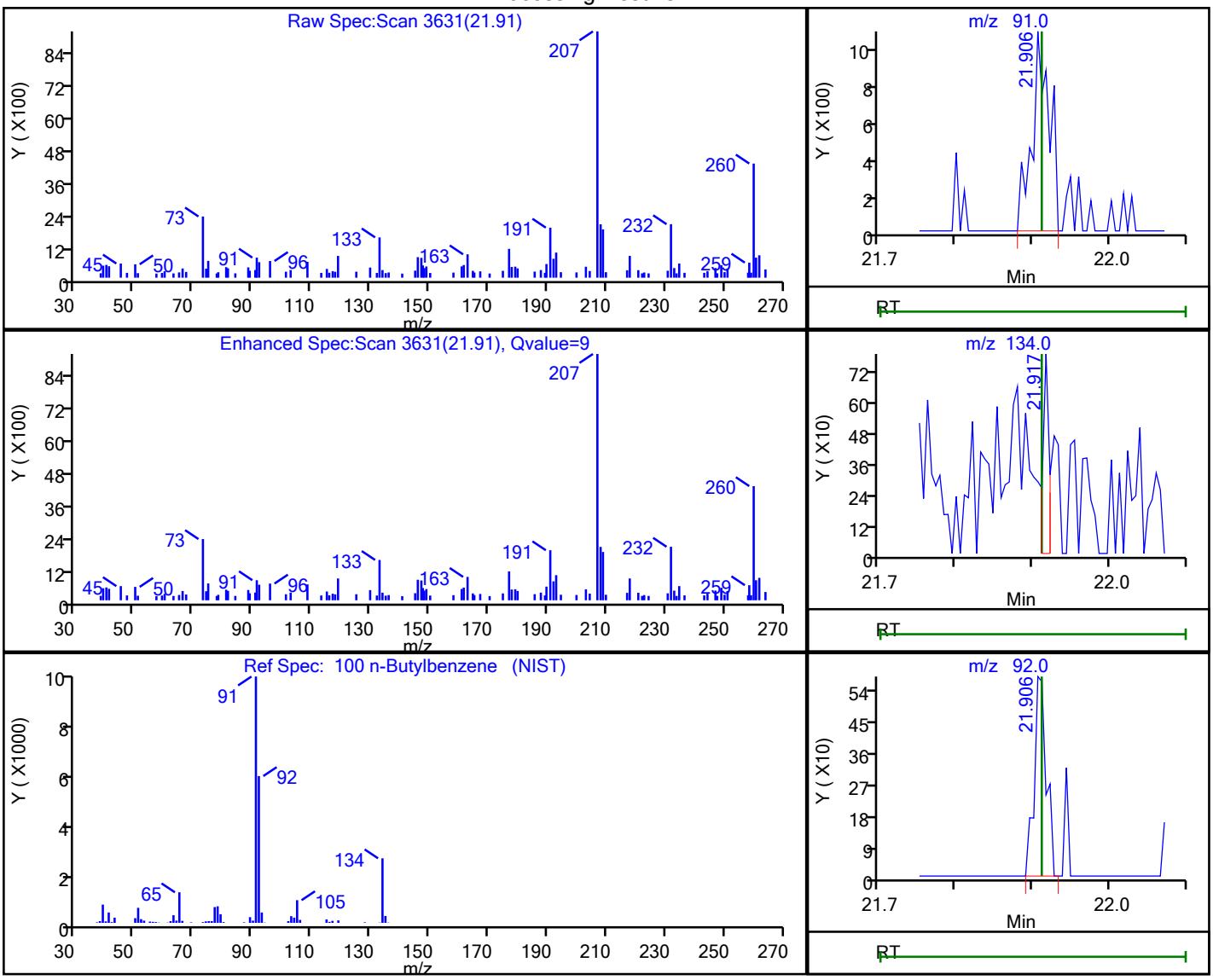
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

100 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
21.91	91.00	1618	0.031481
21.92	134.00	432	
21.91	92.00	632	

Reviewer: puangmaleek, 31-Dec-2020 09:51:25

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

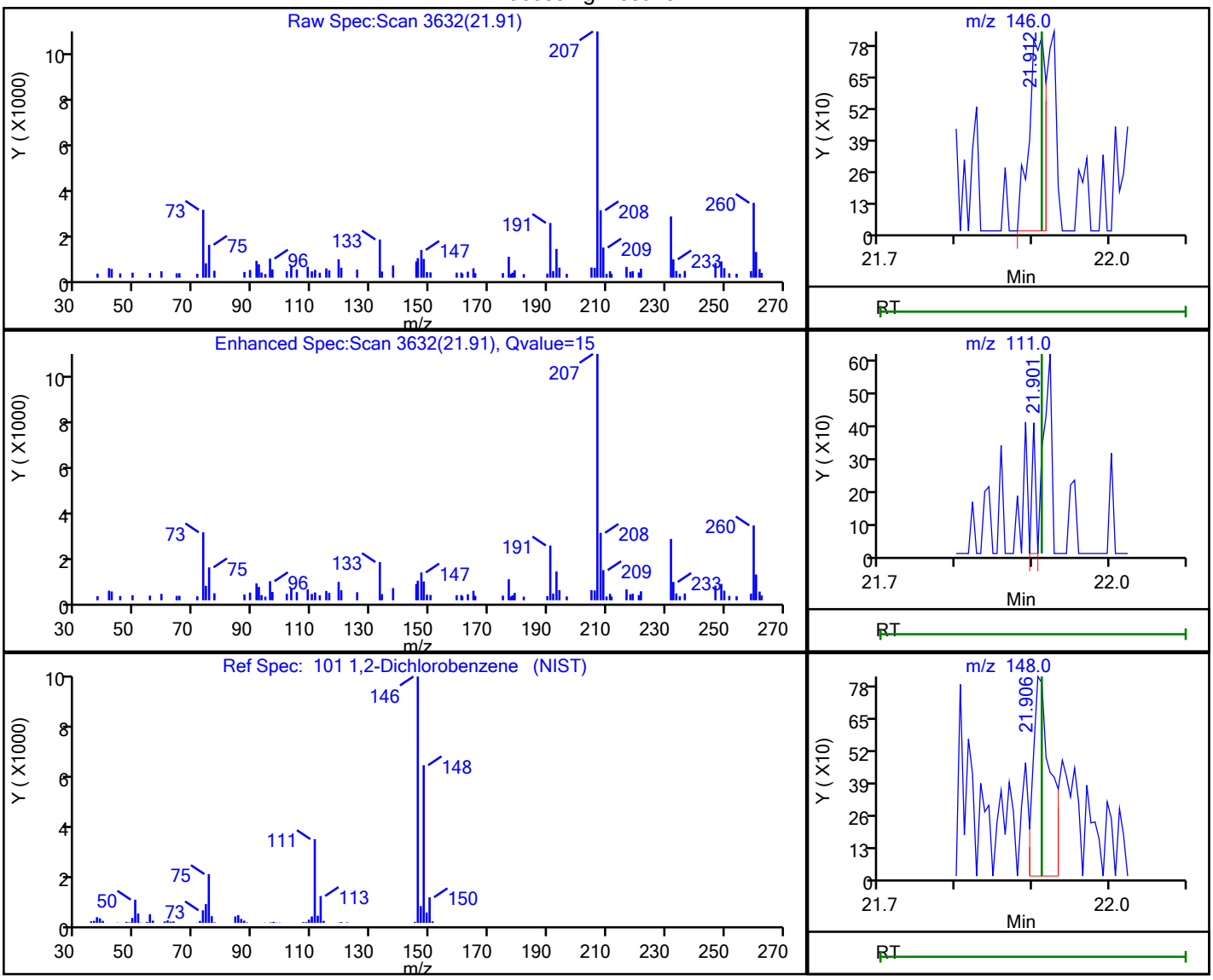
User Disabled Compound Report

Eurofins TestAmerica, Burlington

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Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

101 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
21.91	146.00	1246	0.035077
21.90	111.00	129	
21.91	148.00	1269	

Reviewer: puangmaleek, 31-Dec-2020 09:51:33

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

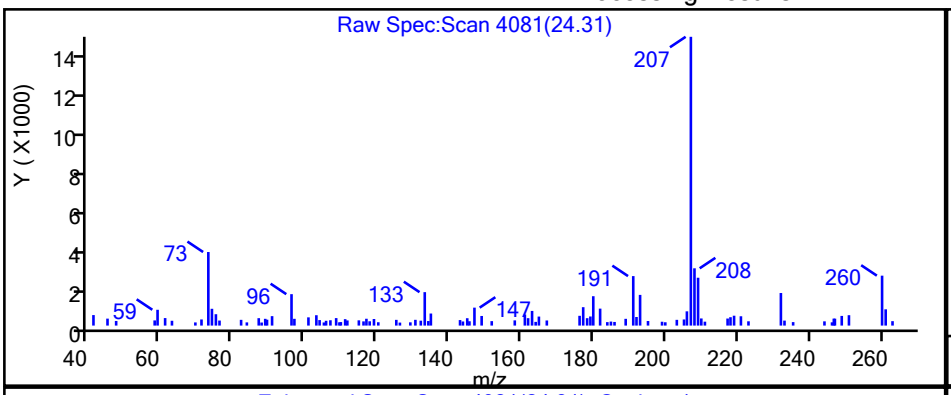
User Disabled Compound Report

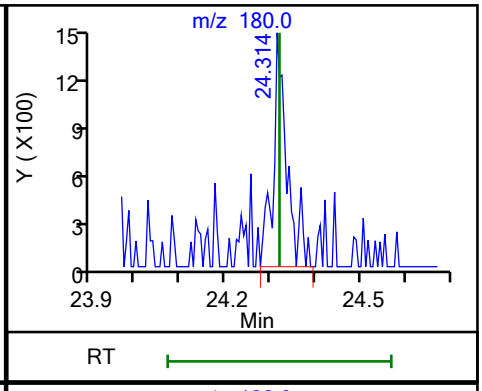
Eurofins TestAmerica, Burlington

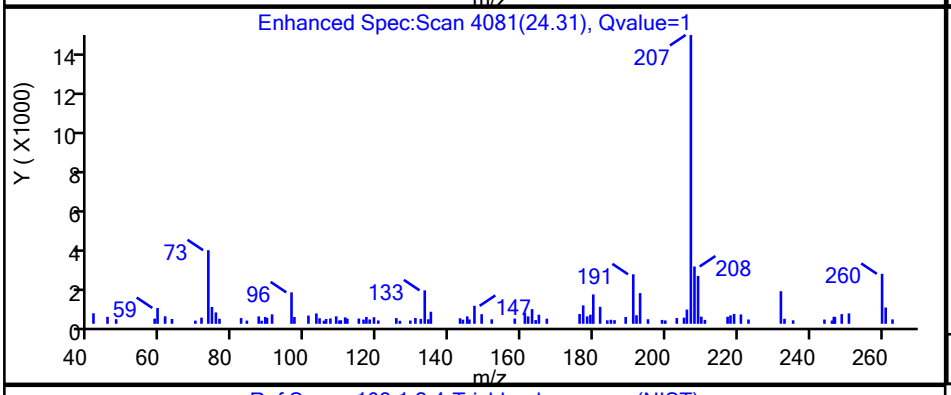
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

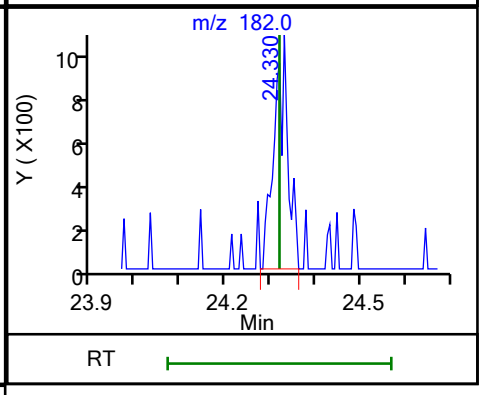
103 1,2,4-Trichlorobenzene, CAS: 120-82-1

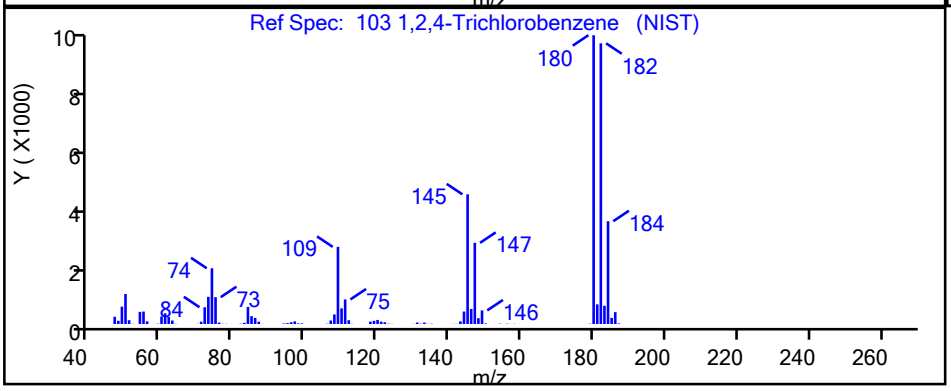
Processing Results











RT	Mass	Response	Amount
24.31	180.00	3189	0.118914
24.33	182.00	2263	

Reviewer: puangmaleek, 31-Dec-2020 09:51:35

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

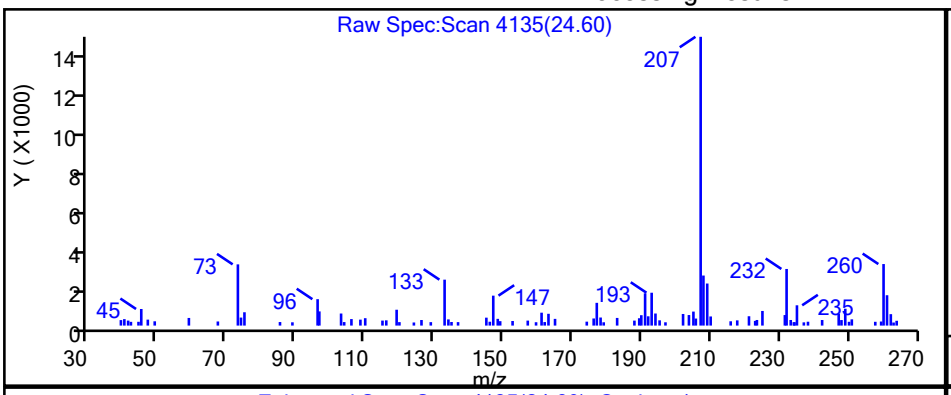
User Disabled Compound Report

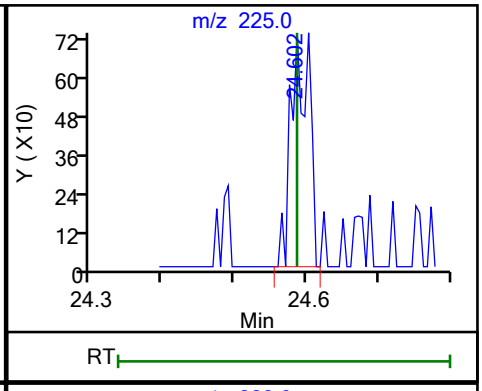
Eurofins TestAmerica, Burlington

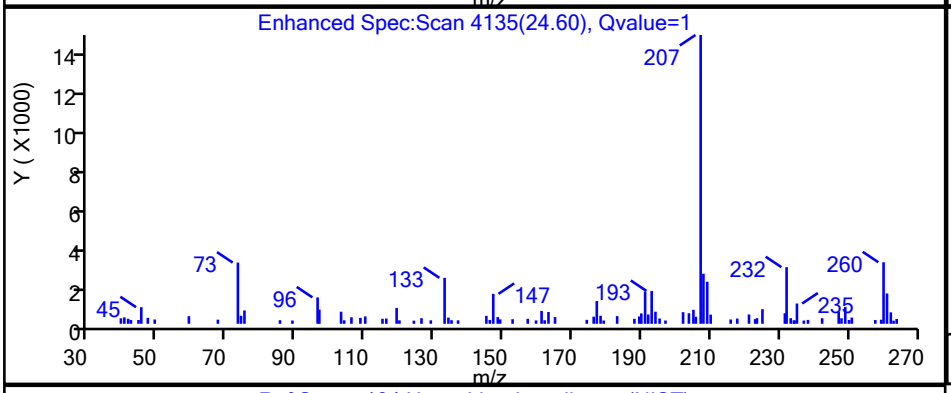
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

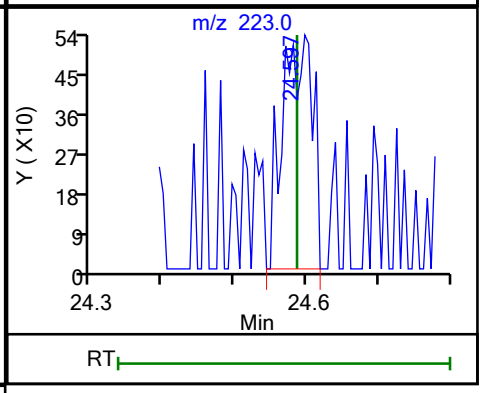
104 Hexachlorobutadiene, CAS: 87-68-3

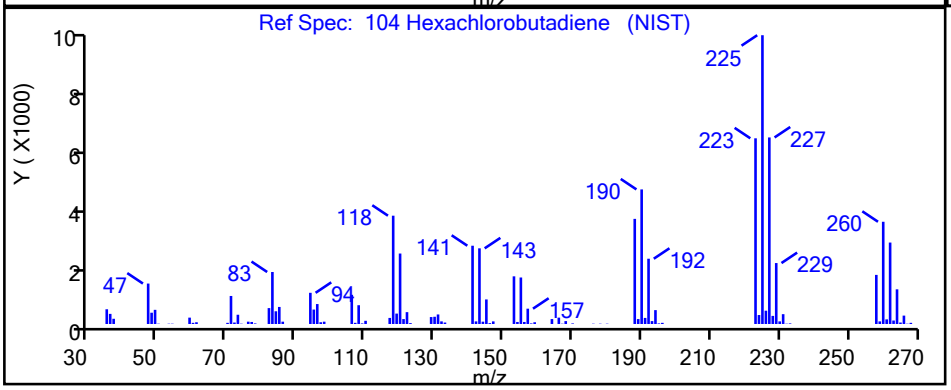
Processing Results











RT	Mass	Response	Amount
24.60	225.00	1296	0.038173
24.60	223.00	1577	

Reviewer: puangmaleek, 31-Dec-2020 09:51:41

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

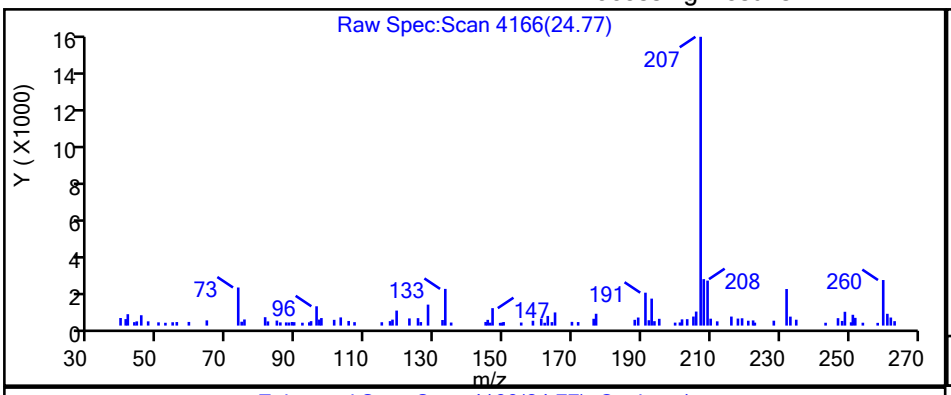
User Disabled Compound Report

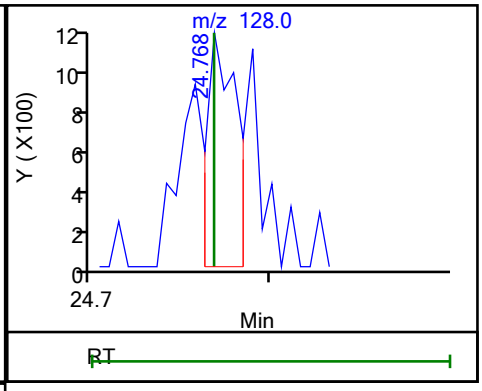
Eurofins TestAmerica, Burlington

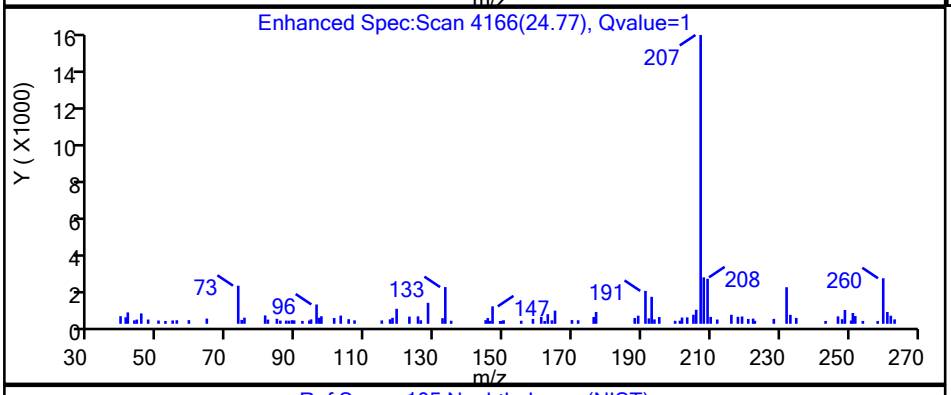
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

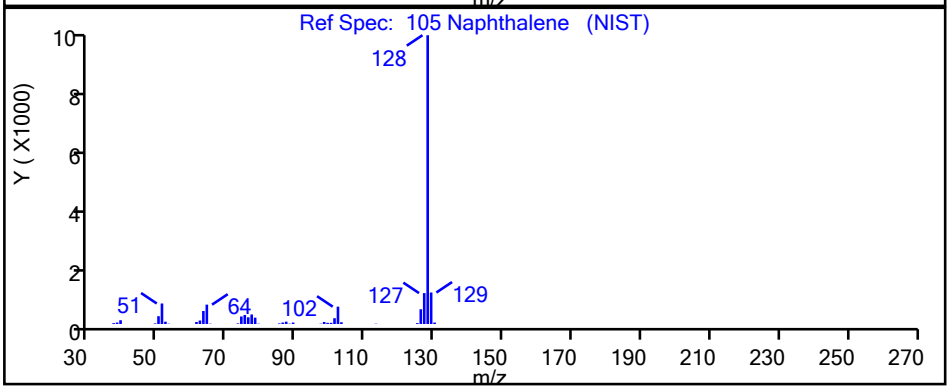
105 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
24.77	128.00	1345	0.025799

Reviewer: puangmaleek, 31-Dec-2020 09:47:08

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56656-1

SDG No.:

Client Sample ID: 4087 Lab Sample ID: 200-56656-7

Matrix: Air Lab File ID: 44327-06.D

Analysis Method: TO-15 Date Collected: 12/23/2020 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/06/2021 12:26

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 162685 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56656-1

SDG No.:

Client Sample ID: 4087 Lab Sample ID: 200-56656-7

Matrix: Air Lab File ID: 44327-06.D

Analysis Method: TO-15 Date Collected: 12/23/2020 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/06/2021 12:26

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 162685 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56656-1

SDG No.:

Client Sample ID: 4087 Lab Sample ID: 200-56656-7

Matrix: Air Lab File ID: 44327-06.D

Analysis Method: TO-15 Date Collected: 12/23/2020 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/06/2021 12:26

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 162685 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U *+	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210106-44327.b\44327-06.D
Lims ID: 200-56656-A-7
Client ID: 4087
Sample Type: Client
Inject. Date: 06-Jan-2021 12:26:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0044327-006
Misc. Info.: 56656-7
Operator ID: ggg Instrument ID: CHX.i

Method: \\chromfs\Burlington\ChromData\CHX.i\20210106-44327.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 07-Jan-2021 11:18:31 Calib Date: 30-Dec-2020 20:14:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20201230-44279.b\44279-12.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1609

First Level Reviewer: puangmaleek Date: 07-Jan-2021 11:18:31

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.343				ND	7
	2 Dichlorodifluoromethane	85		4.434				ND	
	3 Chlorodifluoromethane	51		4.482				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.793				ND	
	5 Chloromethane	50		4.921				ND	
	6 Butane	43		5.237				ND	
	7 Vinyl chloride	62		5.237				ND	
	8 Butadiene	54		5.349				ND	
	10 Bromomethane	94		6.066				ND	
	11 Chloroethane	64		6.333				ND	
	13 Vinyl bromide	106		6.756				ND	
	14 Trichlorofluoromethane	101		6.911				ND	
	17 Ethanol	45	7.312	7.248	0.064	92	1228	0.1742	
	21 1,1-Dichloroethene	96		7.976				ND	
	20 112TCTFE	101		8.003				ND	
	22 Acetone	43		8.035				ND	
	24 Isopropyl alcohol	45		8.302				ND	
	23 Carbon disulfide	76		8.388				ND	
	25 3-Chloro-1-propene	41		8.671				ND	
	27 Methylene Chloride	49		8.907				ND	
	28 2-Methyl-2-propanol	59		9.067				ND	
	29 Methyl tert-butyl ether	73		9.377				ND	
	31 trans-1,2-Dichloroethene	61		9.404				ND	
S	30 1,2-Dichloroethene, Total	61		9.665				ND	7
	33 Hexane	57		9.891				ND	
	35 Vinyl acetate	43		10.164				ND	
	34 1,1-Dichloroethane	63		10.169				ND	
	38 2-Butanone (MEK)	72		11.116				ND	
	37 cis-1,2-Dichloroethene	96		11.164				ND	
	39 Ethyl acetate	88		11.196				ND	
*	40 Chlorobromomethane	128	11.587	11.581	0.006	97	70726	10.0	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Tetrahydrofuran	42		11.598				ND	
	42 Chloroform	83		11.753				ND	
	44 1,1,1-Trichloroethane	97		12.058				ND	
	43 Cyclohexane	84		12.191				ND	
	45 Carbon tetrachloride	117		12.330				ND	
	47 Benzene	78		12.678				ND	
	48 1,2-Dichloroethane	62		12.769				ND	
	46 Isooctane	57		12.876				ND	
	49 n-Heptane	43		13.181				ND	
*	50 1,4-Difluorobenzene	114	13.422	13.416	0.006	96	364010	10.0	
	53 Trichloroethene	95		13.844				ND	
	54 1,2-Dichloropropane	63		14.315				ND	
	55 Methyl methacrylate	69		14.374				ND	
	56 1,4-Dioxane	88		14.422				ND	
	57 Dibromomethane	174		14.476				ND	
	58 Dichlorobromomethane	83		14.781				ND	
	60 cis-1,3-Dichloropropene	75		15.578				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.813				ND	
	65 Toluene	92		16.209				ND	
	66 trans-1,3-Dichloropropene	75		16.632				ND	
	67 1,1,2-Trichloroethane	83		17.017				ND	
	68 Tetrachloroethene	166		17.193				ND	
	69 2-Hexanone	43		17.391				ND	
	71 Chlorodibromomethane	129		17.755				ND	
	72 Ethylene Dibromide	107		18.001				ND	
*	74 Chlorobenzene-d5	117	18.894	18.895	0.000	89	277568	10.0	
	75 Chlorobenzene	112		18.953				ND	
	76 Ethylbenzene	91		19.135				ND	7
	78 m-Xylene & p-Xylene	106		19.403				ND	
S	73 Xylenes, Total	106		19.600				ND	7
	79 o-Xylene	106		20.173				ND	
	80 Styrene	104		20.211				ND	
	81 Bromoform	173		20.569				ND	
	82 Isopropylbenzene	105		20.852				ND	
	84 1,1,2,2-Tetrachloroethane	83		21.377				ND	
	85 N-Propylbenzene	91		21.559				ND	7
	89 2-Chlorotoluene	91		21.714				ND	7
	88 4-Ethyltoluene	105		21.757				ND	7
	90 1,3,5-Trimethylbenzene	105		21.848				ND	7
	92 tert-Butylbenzene	119		22.329				ND	
	93 1,2,4-Trimethylbenzene	105		22.415				ND	7
	94 sec-Butylbenzene	105		22.650				ND	7
	96 1,3-Dichlorobenzene	146		22.827				ND	7
	95 4-Isopropyltoluene	119		22.859				ND	
	97 1,4-Dichlorobenzene	146	22.976	22.971	0.005	1	203	0.0122	
	98 Benzyl chloride	91		23.115				ND	U
	100 n-Butylbenzene	91		23.415				ND	7
	101 1,2-Dichlorobenzene	146		23.458				ND	
	103 1,2,4-Trichlorobenzene	180		25.913				ND	
	104 Hexachlorobutadiene	225		26.149				ND	
	105 Naphthalene	128		26.400				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15XISs_00002	Amount Added:	20.00	Units: mL	Run Reagent

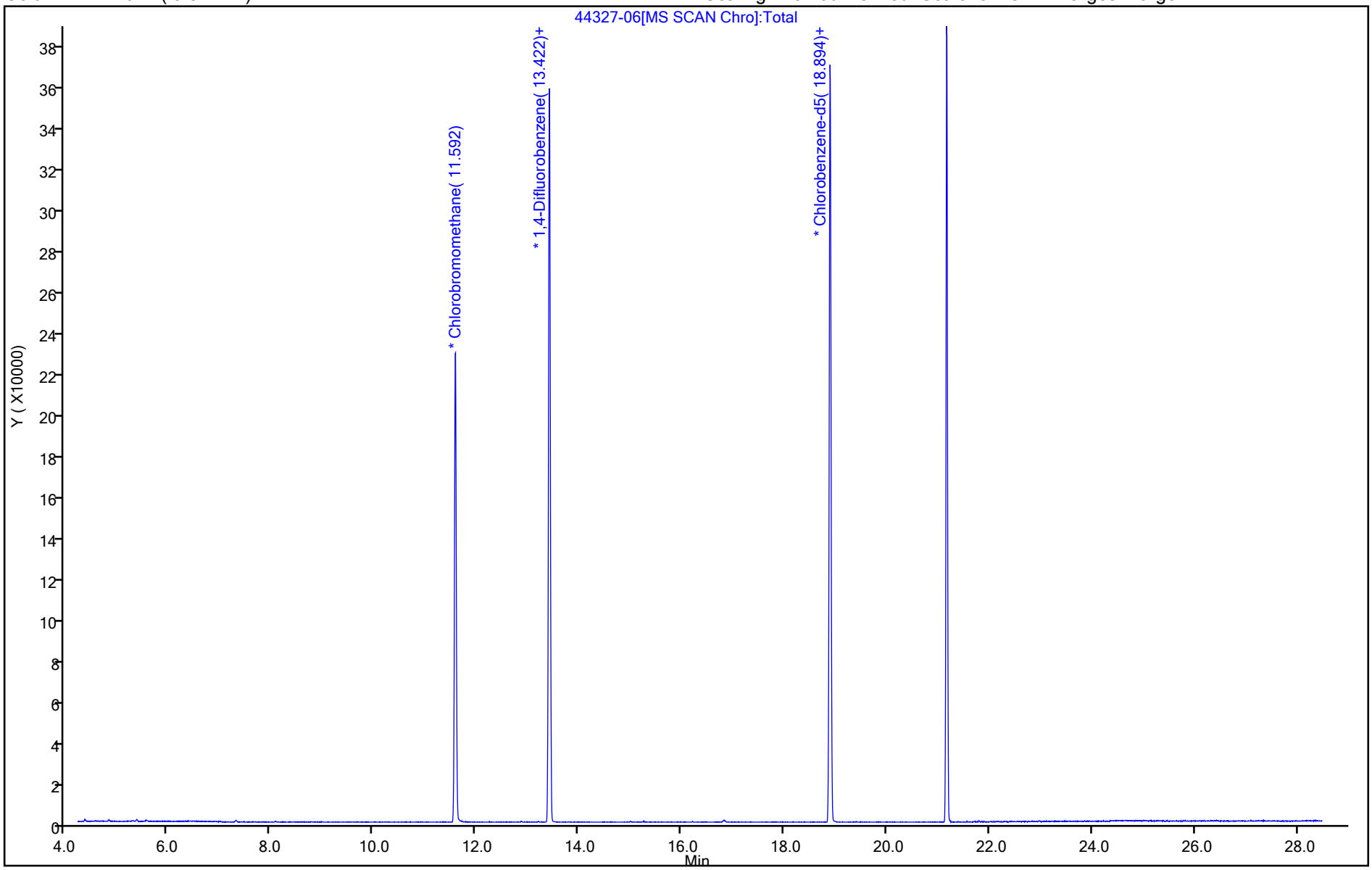
Report Date: 07-Jan-2021 11:18:31 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210106-44327.b\44327-06.D

Injection Date:	06-Jan-2021 12:26:30	Instrument ID:	CHX.i	Operator ID:	ggg
Lims ID:	200-56656-A-7	Lab Sample ID:	200-56656-7	Worklist Smp#:	6
Client ID:	4087				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	5
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



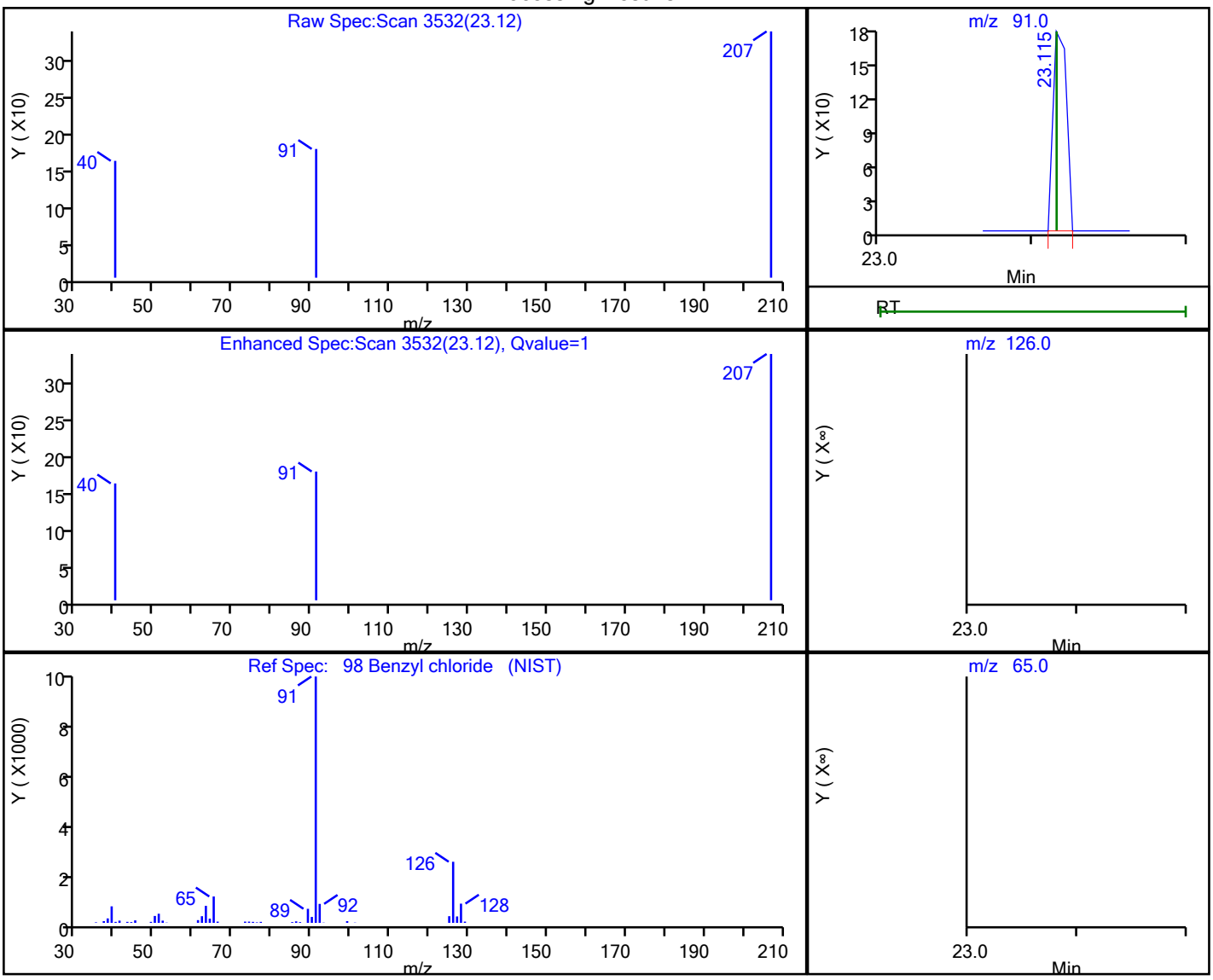
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210106-44327.b\44327-06.D				
Injection Date:	06-Jan-2021 12:26:30	Instrument ID:	CHX.i		
Lims ID:	200-56656-A-7	Lab Sample ID:	200-56656-7		
Client ID:	4087				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

98 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
23.12	91.00	106	0.009449
23.12	126.00	0	
23.12	65.00	0	

Reviewer: puangmaleek, 07-Jan-2021 11:18:11

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56693-1

SDG No.:

Client Sample ID: 3519 Lab Sample ID: 200-56693-11

Matrix: Air Lab File ID: 44347-07.D

Analysis Method: TO-15 Date Collected: 12/28/2020 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/07/2021 12:56

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 162731 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56693-1

SDG No.:

Client Sample ID: 3519 Lab Sample ID: 200-56693-11

Matrix: Air Lab File ID: 44347-07.D

Analysis Method: TO-15 Date Collected: 12/28/2020 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/07/2021 12:56

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 162731 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56693-1

SDG No.:

Client Sample ID: 3519 Lab Sample ID: 200-56693-11

Matrix: Air Lab File ID: 44347-07.D

Analysis Method: TO-15 Date Collected: 12/28/2020 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/07/2021 12:56

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 162731 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20210107-44347.b\44347-07.D
Lims ID: 200-56693-A-11
Client ID: 3519
Sample Type: Client
Inject. Date: 07-Jan-2021 12:56:30 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0044347-007
Misc. Info.: 56693-11
Operator ID: vtp Instrument ID: CHC.i

Method: \\chromfs\Burlington\ChromData\CHC.i\20210107-44347.b\TO15_MasterMethod_(v1)_CHC.i.m
Limit Group: AI_TO15_ICAL
Last Update: 07-Jan-2021 13:43:44 Calib Date: 18-Dec-2020 04:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1616

First Level Reviewer: bourdeaut Date: 07-Jan-2021 13:43:44

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	2.844	2.830	0.011	71	1473	0.1457	
2 Dichlorodifluoromethane	85		2.891				ND	7
3 Chlorodifluoromethane	51		2.934				ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.132				ND	7
5 Chloromethane	50		3.244				ND	7
6 Butane	43		3.436				ND	7
7 Vinyl chloride	62		3.462				ND	U
8 Butadiene	54		3.532				ND	7
10 Bromomethane	94		4.140				ND	U
11 Chloroethane	64		4.359				ND	7
13 Vinyl bromide	106		4.727				ND	7
14 Trichlorofluoromethane	101		4.845				ND	7
17 Ethanol	45	5.475	5.426	0.043	53	680	0.1228	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101		5.901				ND	7
21 1,1-Dichloroethene	96		5.912				ND	U
22 Acetone	43	6.195	6.135	0.053	82	8964	0.4227	
23 Carbon disulfide	76		6.275				ND	7
24 Isopropyl alcohol	45		6.510				ND	7
25 3-Chloro-1-propene	41		6.670				ND	7
27 Methylene Chloride	49		6.953				ND	7
28 2-Methyl-2-propanol	59		7.310				ND	
31 trans-1,2-Dichloroethene	61		7.417				ND	7
29 Methyl tert-butyl ether	73		7.428				ND	7
33 Hexane	57		7.849				ND	U
34 1,1-Dichloroethane	63		8.250				ND	7
35 Vinyl acetate	43		8.356				ND	7
37 cis-1,2-Dichloroethene	96		9.338				ND	7
38 2-Butanone (MEK)	72		9.402				ND	U
39 Ethyl acetate	88		9.488				ND	7
* 40 Chlorobromomethane	128	9.776	9.787	-0.011	80	314270	20.0	
41 Tetrahydrofuran	42		9.851				ND	7

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
42 Chloroform	83		9.936				ND	
S 30 1,2-Dichloroethene, Total	61		10.200				ND	7
44 1,1,1-Trichloroethane	97		10.208				ND	7
43 Cyclohexane	84		10.219				ND	7
45 Carbon tetrachloride	117	10.459	10.481	-0.021	1	362	0.005979	
47 Benzene	78		10.907				ND	7
46 Isooctane	57		10.950				ND	
48 1,2-Dichloroethane	62		11.062				ND	
49 n-Heptane	43		11.361				ND	7
* 50 1,4-Difluorobenzene	114	11.756	11.756	0.000	95	1750334	20.0	
53 Trichloroethene	95		12.226				ND	7
54 1,2-Dichloropropane	63		12.733				ND	
55 Methyl methacrylate	69		12.973				ND	
57 Dibromomethane	174		12.983				ND	
56 1,4-Dioxane	88		13.026				ND	
58 Dichlorobromomethane	83		13.309				ND	
60 cis-1,3-Dichloropropene	75		14.270				ND	7
61 4-Methyl-2-pentanone (MIBK)	43		14.601				ND	7
65 Toluene	92		14.883				ND	7
66 trans-1,3-Dichloropropene	75		15.476				ND	7
67 1,1,2-Trichloroethane	83		15.844				ND	
68 Tetrachloroethene	166		16.009				ND	7
69 2-Hexanone	43		16.356				ND	7
71 Chlorodibromomethane	129		16.613				ND	7
72 Ethylene Dibromide	107		16.858				ND	7
* 74 Chlorobenzene-d5	117	17.792	17.792	0.000	89	1873608	20.0	
75 Chlorobenzene	112		17.856				ND	7
76 Ethylbenzene	91		18.032				ND	7
78 m-Xylene & p-Xylene	106		18.288				ND	
79 o-Xylene	106		19.116				ND	
80 Styrene	104		19.164				ND	
81 Bromoform	173		19.580				ND	7
82 Isopropylbenzene	105		19.863				ND	7
S 73 Xylenes, Total	106		20.100				ND	7
84 1,1,2,2-Tetrachloroethane	83		20.551				ND	7
85 N-Propylbenzene	91		20.653				ND	7
89 2-Chlorotoluene	91		20.850				ND	7
88 4-Ethyltoluene	105		20.861				ND	7
90 1,3,5-Trimethylbenzene	105		20.978				ND	7
92 tert-Butylbenzene	119		21.496				ND	
93 1,2,4-Trimethylbenzene	105		21.597				ND	7
94 sec-Butylbenzene	105		21.843				ND	7
95 4-Isopropyltoluene	119		22.062				ND	
96 1,3-Dichlorobenzene	146		22.067				ND	7
97 1,4-Dichlorobenzene	146		22.211				ND	7
98 Benzyl chloride	91		22.398				ND	7
100 n-Butylbenzene	91		22.643				ND	7
101 1,2-Dichlorobenzene	146		22.734				ND	7
103 1,2,4-Trichlorobenzene	180		25.072				ND	7
104 Hexachlorobutadiene	225		25.274				ND	7
105 Naphthalene	128		25.482				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15CISs_00010 Amount Added: 40.00 Units: mL Run Reagent

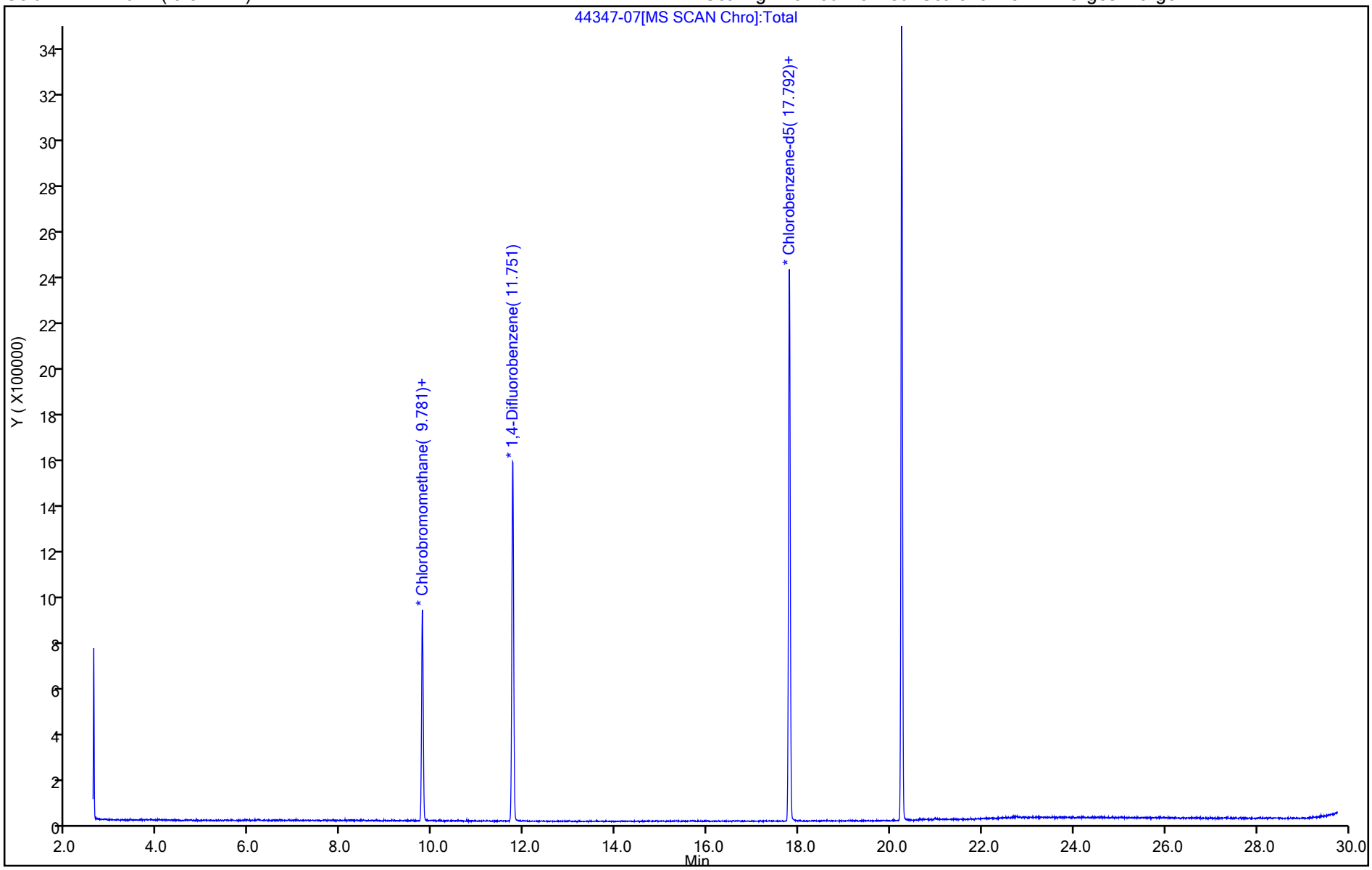
Report Date: 07-Jan-2021 13:43:58 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20210107-44347.b\44347-07.D

Injection Date:	07-Jan-2021 12:56:30	Instrument ID:	CHC.i	Operator ID:	vtp
Lims ID:	200-56693-A-11	Lab Sample ID:	200-56693-11	Worklist Smp#:	7
Client ID:	3519				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	7
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



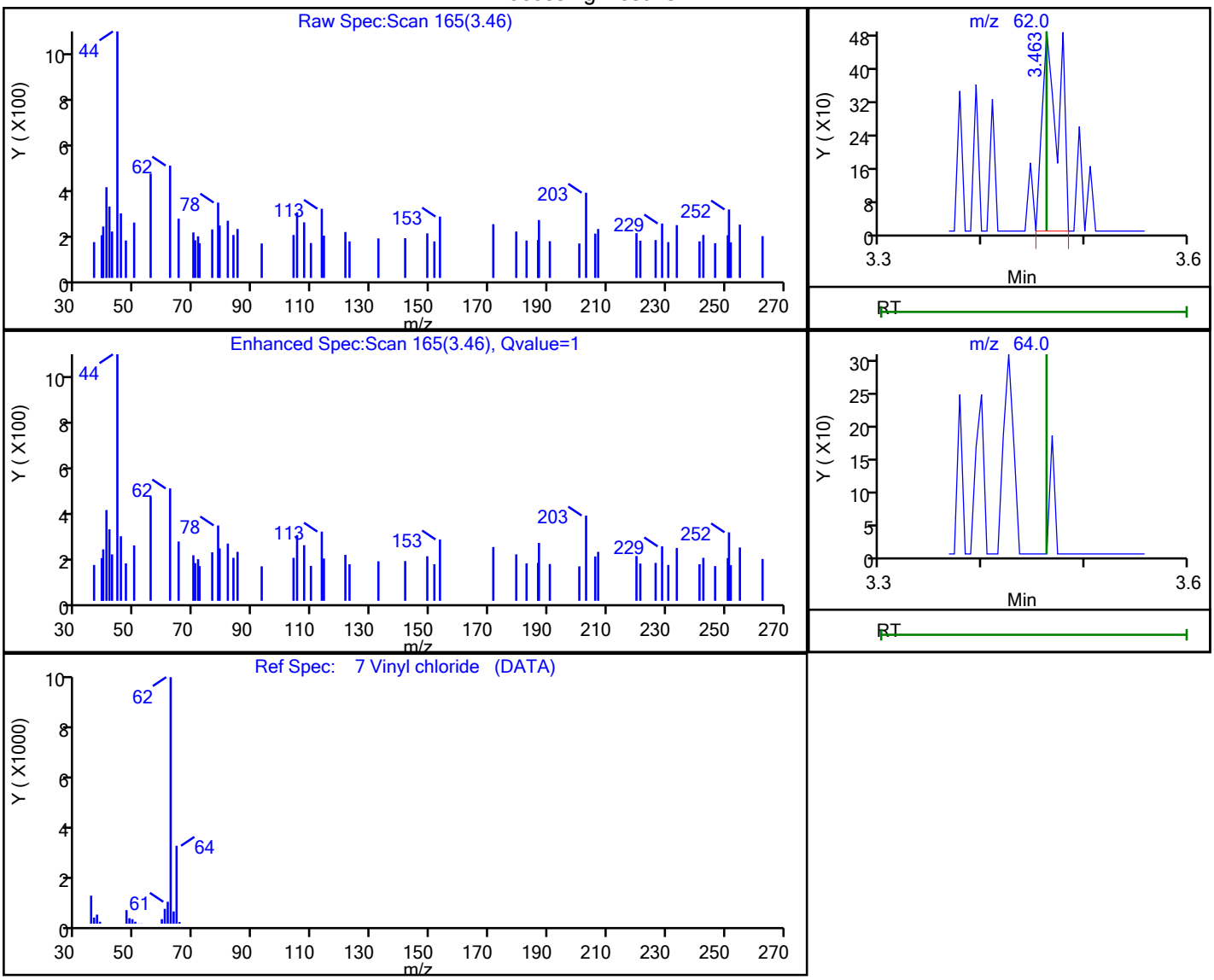
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20210107-44347.b\44347-07.D				
Injection Date:	07-Jan-2021 12:56:30	Instrument ID:	CHC.i		
Lims ID:	200-56693-A-11	Lab Sample ID:	200-56693-11		
Client ID:	3519				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
3.46	62.00	556	0.042722
3.46	64.00	0	

Reviewer: bourdeaut, 07-Jan-2021 13:43:14

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

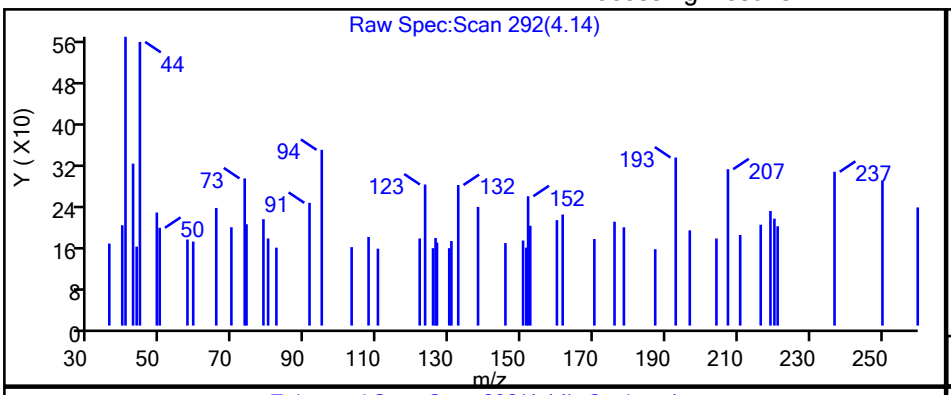
User Disabled Compound Report

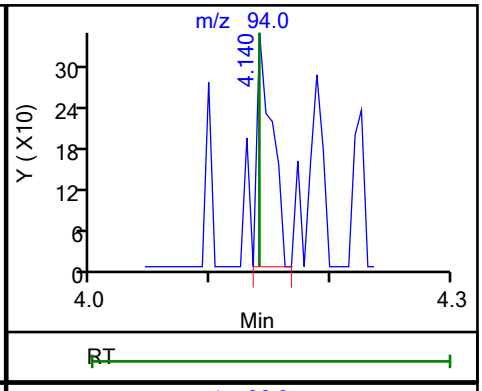
Eurofins TestAmerica, Burlington

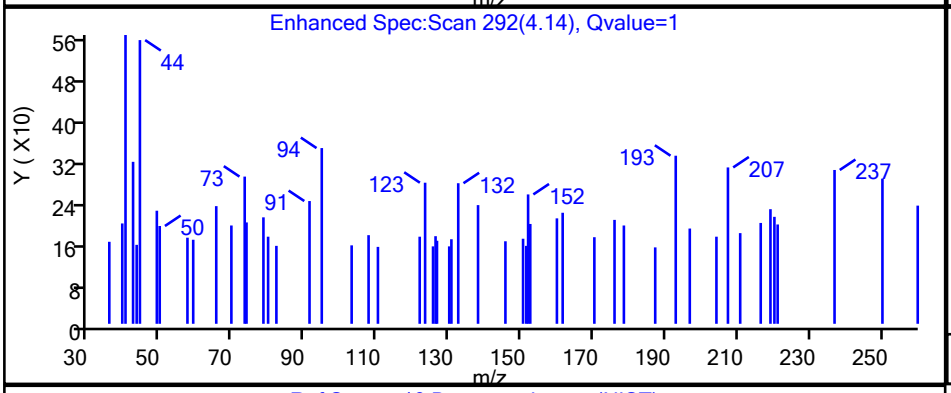
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Injection Date:	07-Jan-2021 12:56:30	Instrument ID:	CHC.i		
Lims ID:	200-56693-A-11	Lab Sample ID:	200-56693-11		
Client ID:	3519				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

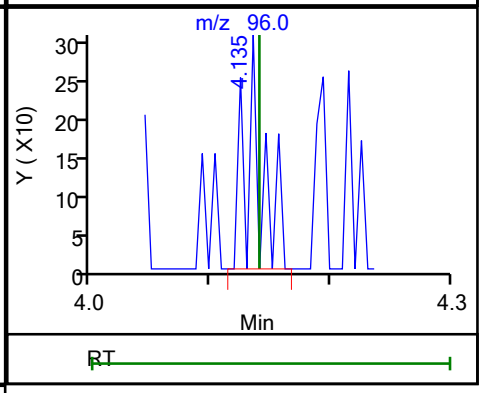
10 Bromomethane, CAS: 74-83-9

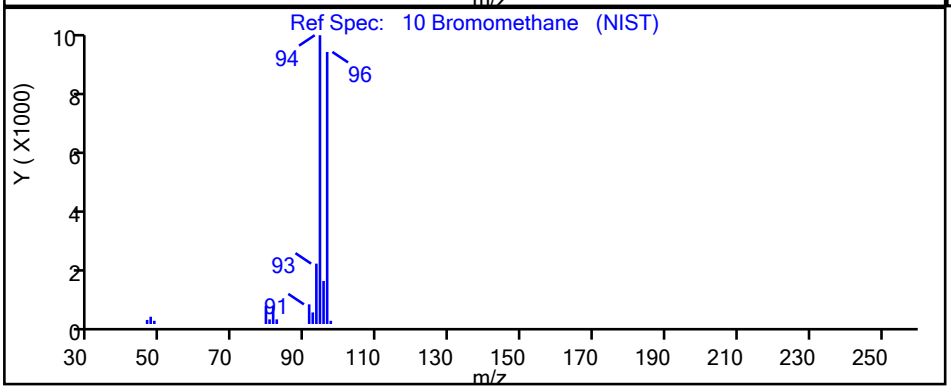
Processing Results











RT	Mass	Response	Amount
4.14	94.00	300	0.022861
4.14	96.00	294	

Reviewer: bourdeaut, 07-Jan-2021 13:43:14

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

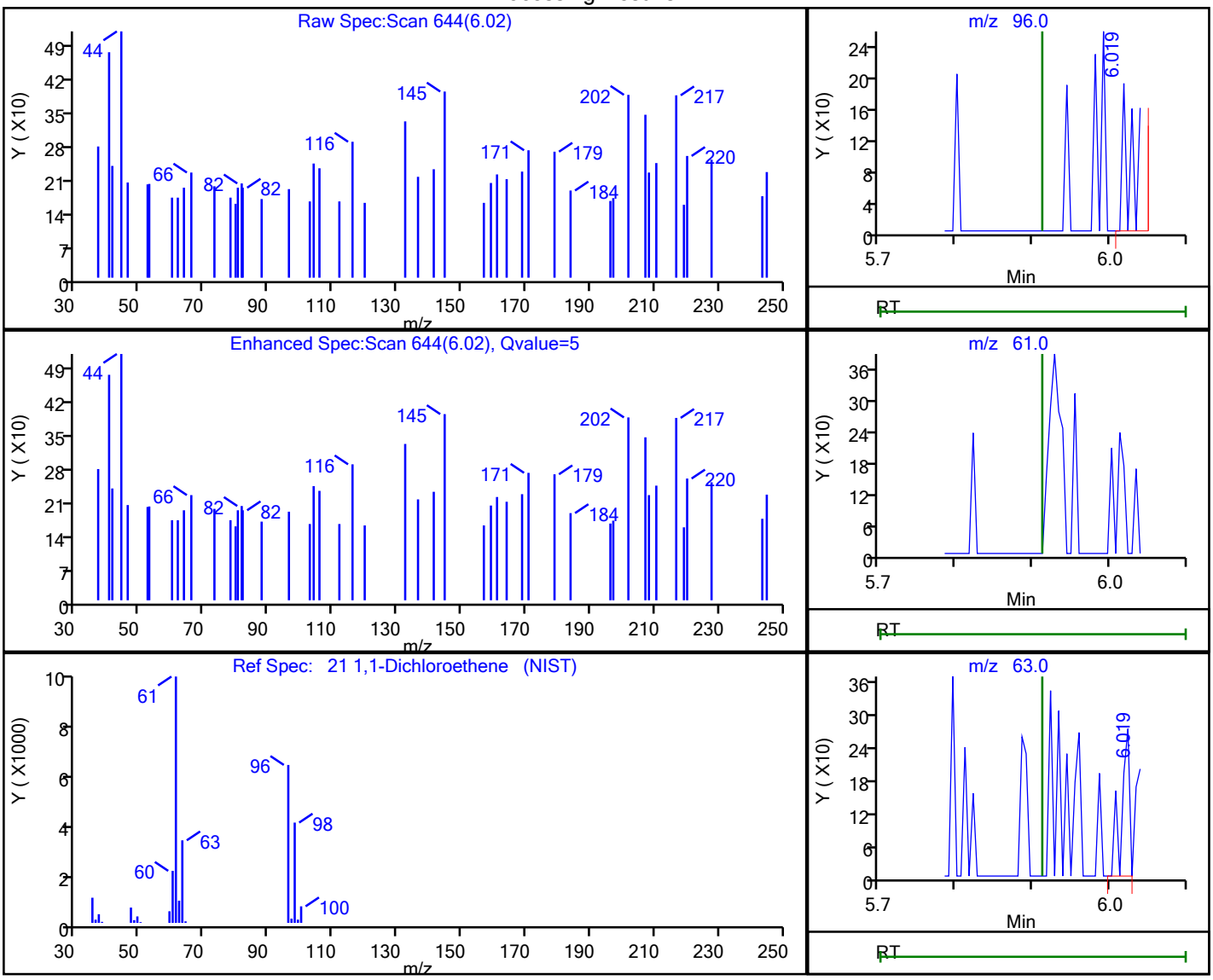
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20210107-44347.b\44347-07.D				
Injection Date:	07-Jan-2021 12:56:30	Instrument ID:	CHC.i		
Lims ID:	200-56693-A-11	Lab Sample ID:	200-56693-11		
Client ID:	3519				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

21 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
6.02	96.00	159	0.010714
5.91	61.00	0	
6.02	63.00	198	

Reviewer: bourdeaut, 07-Jan-2021 13:43:14

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

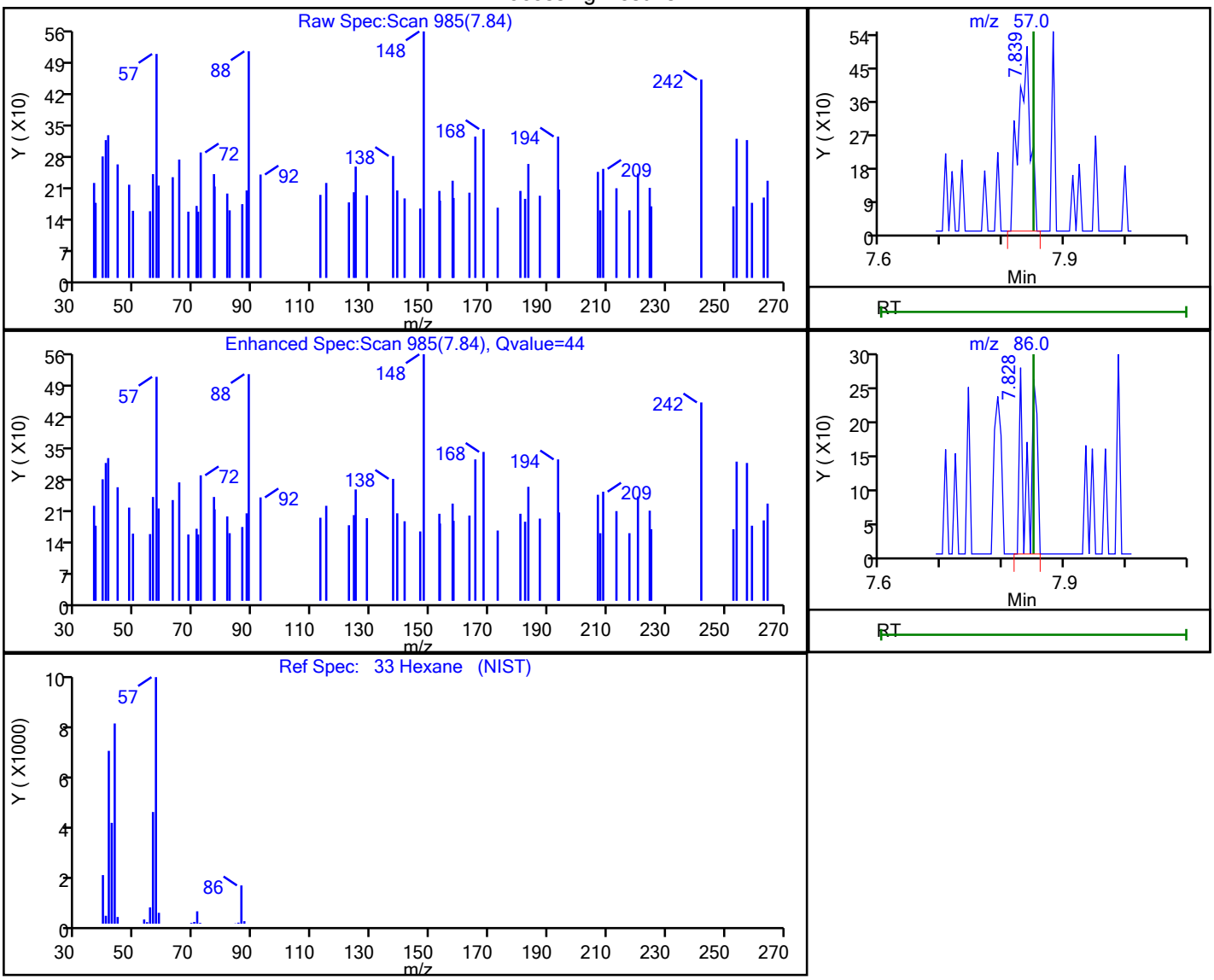
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20210107-44347.b\44347-07.D				
Injection Date:	07-Jan-2021 12:56:30	Instrument ID:	CHC.i		
Lims ID:	200-56693-A-11	Lab Sample ID:	200-56693-11		
Client ID:	3519				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

33 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
7.84	57.00	695	0.032949
7.83	86.00	293	

Reviewer: bourdeaut, 07-Jan-2021 13:43:14

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

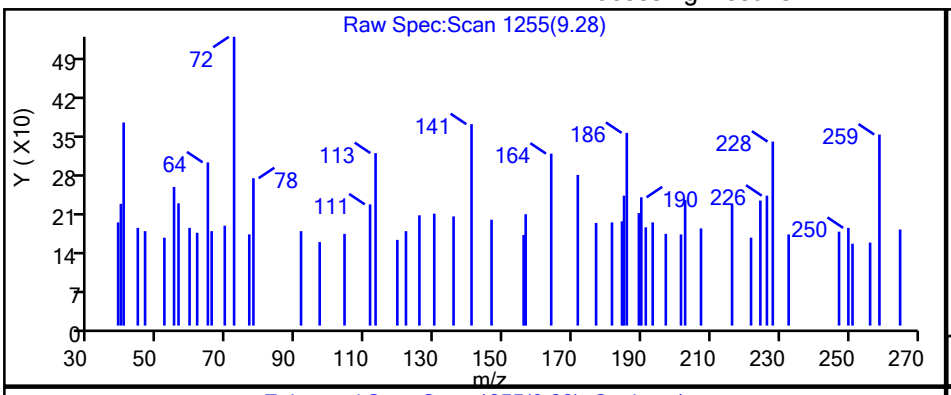
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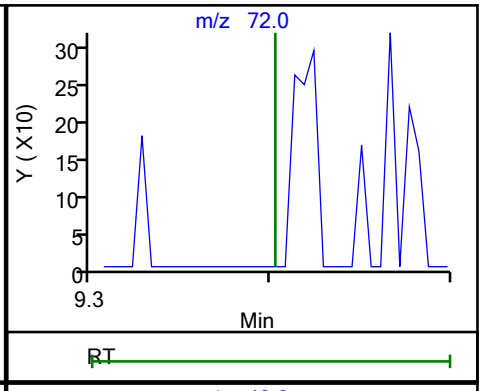
Eurofins TestAmerica, Burlington

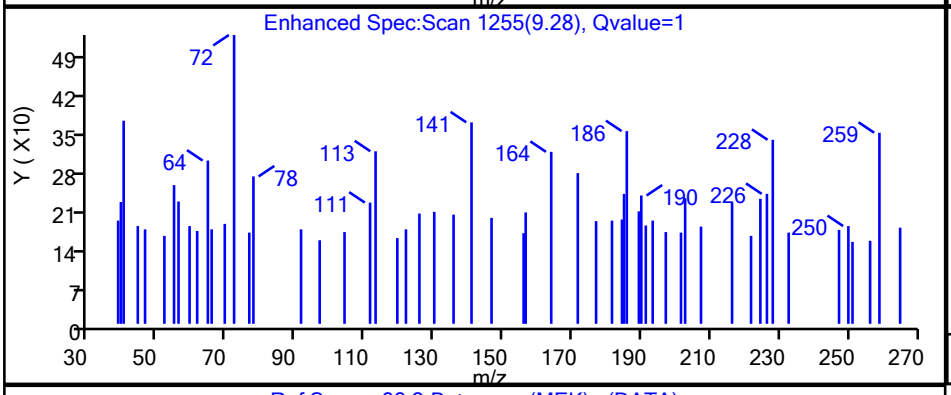
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Injection Date:	07-Jan-2021 12:56:30	Instrument ID:	CHC.i		
Lims ID:	200-56693-A-11	Lab Sample ID:	200-56693-11		
Client ID:	3519				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

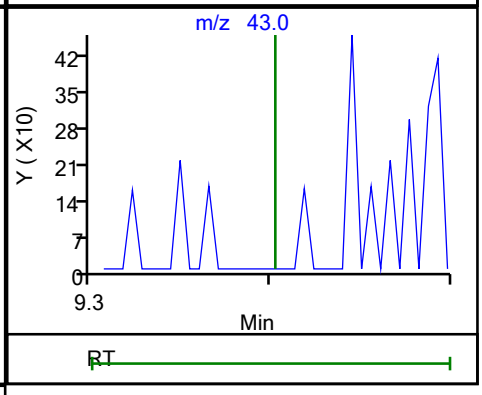
38 2-Butanone (MEK), CAS: 78-93-3

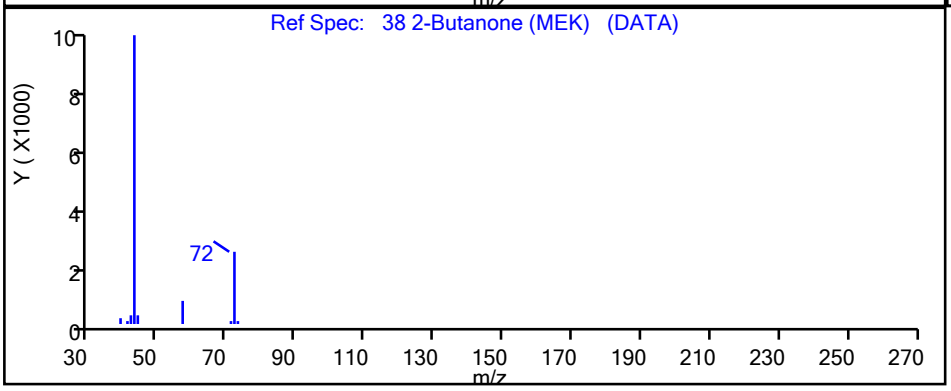
Processing Results











RT	Mass	Response	Amount
9.28	72.00	408	0.053346
9.30	43.00	155	

Reviewer: bourdeaut, 07-Jan-2021 13:43:13

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Summa Canister Dilution Worksheet

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job No.: 200-57323-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initals
200-57323-5	6	-11	0.63	3.79	-2.50489	0.83	4.98		1.31	1.31	g16	02/24/21 10:39	VTP
200-57323-10	6	-12.0	0.60	3.59	-2.84869	0.81	4.84		1.35	1.35	g16	02/25/21 13:32	VTP

Formulae:

Preadjusted Volume (L) = (Preadjusted Pressure ("Hg) + 29.92 "Hg * Vol L) / 29.92 "Hg
Adjusted Volume (L) = (Adjusted Pressure (psig) + 14.7 psig * Vol L) / 14.7 psig
Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury (“Hg)
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

APPENDIX I – NYSDEC MONTHLY REPORTS

From:	Conley, Denis
To:	Cloyd, Kelly (DEC; Park, Andy; "dudley.loew@dec.ny.gov"; Kenney, Julia M (HEALTH
Cc:	Jim F. Hartnett; gail.finkelstein@gm.com; Mondello, Claire; Jennifer Tegen
Subject:	Monthly Progress Report - Delphi Automotive Systems Site No. hw 8-26-084
Date:	Friday, November 13, 2020 4:54:00 PM
Attachments:	GM Components 204685.pdf GM Components 204688.pdf

Dr. Cloyd,

This Monthly Progress Report provides a summary of project activities conducted since our last update on 9 October 2020. In our last report, we requested that we maintain the quarterly reporting frequency that was in place prior to the execution of the Order and have not received a response so we have prepared this message to continue to update the Department.

The remedial measures installed at the Site including the Building 22 LNAPL recovery system, the North Parking Lot groundwater migration control trench (MCT), the Eastside Water Treatment Area (EWTA) Groundwater Recovery and Treatment System (GRTS), Building 1 SSDS and automated LNAPL recovery systems operated throughout the month with the following exceptions:

- On 2 July, the Well-Z total fluids recovery pump was shut down due to a leak detected in the discharge line observed during routine monitoring. Upon inspection, LNAPL was not observed in the well. The system has remained off to evaluate the rate of LNAPL accumulation in the well and determine the most efficient method of removal.

(Note: The Building 2 Soil Vapor Extraction (SVE) system has been shut down since 30 June 2017 due to a failure of the blower motor and GMCH has requested Department approval to decommission the system.)

During October 2020, the groundwater volume (in gallons) recovered for treatment and discharge to the Monroe County sewer system under the facility's sewer use permit was:

Bldg. 22 LNAPL and North Parking Lot – MCT	467,000
EWTA - GRTS	62,300

Effluent samples were collected at the sewer discharge monitoring points on 2 October 2020. Copies of the laboratory reports are attached for your information.

The total volume of LNAPL recovered from the manual and automated recovery efforts for the reporting period was approximately 25 gallons.

On 2 November, the Notice of the Remedial Action Order for the Site was received by Monroe County and recorded. We are awaiting a formal copy of the recorded notice to submit the Department.

GM has also been working with the Department to prepare the financial assurance instruments

during the month.

Project activities anticipated to be completed in November 2020 include:

1. The continued operation and maintenance of the groundwater migration control, SSDS and automated LNAPL recovery systems installed at the Site,
2. The collection of sewer discharge monitoring samples for compliance with the facility's sewer use permit,
3. The receipt of the boundary survey in accordance with the Department's requirements and the preparation of the Environmental Easement package, and;
4. Submittal of the DRAFT Revised Site Management Plan for the site for the Department's review and comment, and;
5. Submittal of the final Financial Assurance documents to the Department.

If you have any questions concerning this information, please reply to this message or contact us at the numbers below.

Thank you for your continued support of this project.
Sincerely,

Denis

Denis Conley
Senior Associate

Haley & Aldrich of New York
200 Town Centre Drive | Suite 2
Rochester, New York 14623

T: (585) 321.4245
C: (585) 784.0231

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HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

15 December 2020
File No. 127982-002

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

Attention: Kelly C. Cloyd, PhD.

Subject: Progress Report No. 3 – November 2020 Reporting Period
Delphi Automotive Systems
1000 Lexington Avenue
Rochester, New York
NYSDEC Site No. HW8-28-064

Dear Dr. Cloyd:

Haley & Aldrich of New York (Haley & Aldrich) is submitting this Progress Report on behalf of our client, GM Components Holdings, LLC (GMCH), for activities conducted during the above-noted reporting period under the Order on Consent (Order) Index #B8-0531-98-06. The Order was executed between GMCH and the New York State Department of Environmental Conservation (NYSDEC) on 18 September 2020.

This Monthly Progress Report provides a summary of project activities conducted since our last update on 13 November 2020.

ACTIVITIES CONDUCTED DURING THE REPORTING PERIOD

The remedial measures installed at the Site including the Building 22 LNAPL recovery system, the North Parking Lot groundwater migration control trench (MCT), the Eastside Water Treatment Area (EWTA) Groundwater Recovery and Treatment System (GRTS), Building 1 SSDS and automated LNAPL recovery systems operated throughout the month with the following exceptions:

- The Well-Z total fluids recovery pump was shut down due to a leak detected in the discharge line observed during routine monitoring. Upon inspection, LNAPL was not observed in the well. The system has remained off to evaluate the rate of LNAPL accumulation in the well and to determine the most efficient method of future LNAPL removal.

SAMPLING/TESTING RESULTS DURING REPORTING PERIOD

During November 2020, the groundwater volume (in gallons) recovered for treatment and discharge to the Monroe County sewer system under the facility's sewer use permit was:

Bldg. 22 LNAPL and North Parking Lot – MCT	555,800
EWTA - GRTS	112,300

Effluent samples were collected at the sewer discharge monitoring points on 19 November 2020. Copies of the laboratory reports are attached for your information.

The total volume of LNAPL recovered from the manual and automated recovery efforts during the reporting period was approximately 24.6 gallons.

REPORTS AND DELIVERABLES

On 23 November 2020, the formal copy of the filed Notice of the Remedial Action Order for the Site with the Monroe County Clerk's office was submitted to the Department.

On 30 November 2020, the updated DRAFT Site Management Plan was submitted to the NYSDEC via electronic mail, and on 11 December 2020, the Environmental Easement package was uploaded to the Department's file server for review.

ACTIVITIES ANTICIPATED FOR UPCOMING REPORTING PERIOD

Project activities anticipated to be completed in December 2020 include:

- The continued operation and maintenance of the groundwater migration control, SSDS and automated LNAPL recovery systems installed at the Site,
- The collection of sewer discharge monitoring samples for compliance with the facility's sewer use permit,
- Submittal of the final Financial Assurance documents to the Department.
- The preparation of the Final Engineering Report (FER) as described in the approved Remedial Work Plan (RWP).

If you have any questions concerning this information, please do not hesitate to contact us at 585 359-9000 or via electronic mail at dconley@haleyaldrich.com or cmondello@haleyaldrich.com.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Claire L. Mondello, CHMM
Program Manager

Denis M. Conley
Senior Associate

c: Julia Kenney, New York State Department of Health
David Pratt, NYSDEC
Dudley Loew, NYSDEC

C:\Users\cmondello\Desktop\2020_1215_Monthly Progress Report_November 2020_F.docx

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

GM Components Holdings, LLC

For Lab Project ID

205540

Referencing

GMCH North Side GW Monitoring

Prepared

Tuesday, November 24, 2020

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 205540

Client: **GM Components Holdings, LLC**

Project Reference: GMCH North Side GW Monitoring

Sample Identifier:	Groundwater North Side (Combined)		
Lab Sample ID:	205540-01	**Date Sampled:**	11/19/2020
Matrix:	Wastewater	**Date Received:**	11/19/2020

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0968	ug/L		11/23/2020 23:25
PCB-1221	< 0.0968	ug/L		11/23/2020 23:25
PCB-1232	< 0.0968	ug/L		11/23/2020 23:25
PCB-1242	< 0.0968	ug/L		11/23/2020 23:25
PCB-1248	< 0.0968	ug/L		11/23/2020 23:25
PCB-1254	< 0.0968	ug/L		11/23/2020 23:25
PCB-1260	< 0.0968	ug/L		11/23/2020 23:25

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**75.7**	33 - 95.6		11/23/2020 23:25

Method Reference(s): EPA 608.3
Preparation Date: 11/23/2020

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.00	ug/L		11/23/2020 14:57
1,1,2,2-Tetrachloroethane	< 4.00	ug/L		11/23/2020 14:57
1,1,2-Trichloroethane	< 4.00	ug/L		11/23/2020 14:57
1,1-Dichloroethane	< 4.00	ug/L		11/23/2020 14:57
1,1-Dichloroethene	< 4.00	ug/L		11/23/2020 14:57
1,2-Dichlorobenzene	< 4.00	ug/L		11/23/2020 14:57
1,2-Dichloroethane	< 4.00	ug/L		11/23/2020 14:57
1,2-Dichloropropane	< 4.00	ug/L		11/23/2020 14:57
1,3-Dichlorobenzene	< 4.00	ug/L		11/23/2020 14:57
1,4-Dichlorobenzene	< 4.00	ug/L		11/23/2020 14:57
2-Chloroethyl vinyl Ether	< 20.0	ug/L		11/23/2020 14:57
Benzene	< 2.00	ug/L		11/23/2020 14:57
Bromodichloromethane	< 4.00	ug/L		11/23/2020 14:57
Bromoform	< 10.0	ug/L		11/23/2020 14:57

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 205540

Client: **GM Components Holdings, LLC**

Project Reference: GMCH North Side GW Monitoring

Sample Identifier:	Groundwater North Side (Combined)		
Lab Sample ID:	205540-01	**Date Sampled:**	11/19/2020
Matrix:	Wastewater	**Date Received:**	11/19/2020

Bromomethane	< 4.00	ug/L		11/23/2020 14:57
Carbon Tetrachloride	< 4.00	ug/L		11/23/2020 14:57
Chlorobenzene	< 4.00	ug/L		11/23/2020 14:57
Chloroethane	< 4.00	ug/L		11/23/2020 14:57
Chloroform	< 4.00	ug/L		11/23/2020 14:57
Chloromethane	< 4.00	ug/L		11/23/2020 14:57
cis-1,2-Dichloroethene	**13.9**	ug/L		11/23/2020 14:57
cis-1,3-Dichloropropene	< 4.00	ug/L		11/23/2020 14:57
Dibromochloromethane	< 4.00	ug/L		11/23/2020 14:57
Ethylbenzene	< 4.00	ug/L		11/23/2020 14:57
Methylene chloride	< 10.0	ug/L		11/23/2020 14:57
Tetrachloroethene	< 4.00	ug/L		11/23/2020 14:57
Toluene	< 4.00	ug/L		11/23/2020 14:57
trans-1,2-Dichloroethene	< 4.00	ug/L		11/23/2020 14:57
trans-1,3-Dichloropropene	< 4.00	ug/L		11/23/2020 14:57
Trichloroethene	< 4.00	ug/L		11/23/2020 14:57
Trichlorofluoromethane	< 4.00	ug/L		11/23/2020 14:57
Vinyl chloride	**363**	ug/L		11/23/2020 14:57

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**86.8**	59.4 - 149		11/23/2020 14:57
4-Bromofluorobenzene	**96.9**	49 - 138		11/23/2020 14:57
Pentafluorobenzene	**103**	90.1 - 115		11/23/2020 14:57
Toluene-D8	**102**	77.3 - 118		11/23/2020 14:57

Method Reference(s): EPA 624.1

Data File: x74992.D

The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, tern or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

PARADIGM ENVIRONMENTAL SERVICES, INC.

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT ID
CLIENT:	GM Components Holdings, LLC	CLIENT:	H&A AP@haleyaldrich.com	205540
ADDRESS:	1000 Lexington Ave	ADDRESS:	200 Town Center Drive Suite 2	Quotation #:
CITY:	Rochester STATE: NY ZIP: 14606	CITY:	Rochester STATE: NY ZIP: 14623	Email: gail.finkelstein@gm.com
PHONE:	585-647-4766	PHONE:	(585) 321-4219	erik.anderson@gm.com
ATTN:	Erik Anderson, Gail Finkelstein	ATTN:	Claire Mondello Project Ref# 127982-006	

PROJECT REFERENCE

GMCH North Side GW Monitoring

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	PCBs 608	624 Site Specific								REMARKS	PARADIGM LAB SAMPLE NUMBER
11/19/2020	1118		X	Groundwater North Side(Combined)	WW	3	X	X								low level PCB DL (0.1 ppb)	01
																624 + cis-1,2 DCE	
																email results to Denis Conley	
																dconley@haleyaldrich.com	

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	None Required	☐	None Required	☐
10 day	☐	Batch QC	☐	Basic EDD	☐
Rush 3 day	☐	Category A	☐	NYSDEC EDD	☐
Rush 2 day	☐	Category B	☐		
Rush 1 day	☐				
Other (please indicate date needed: ____)	☐	Other (please indicate package needed: ____)	☐	Other EDD (please indicate EDD needed: ____)	☐

Sampled By: [signature] Date/Time: 11/19/2020

Relinquished By: [signature] Date/Time: 11/19/2020 1209

Total Cost:

Received By: [signature] Date/Time: 11/19/2020 12:22

Received @ Lab By: Date/Time

P.I.F.

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

10 °C iced started in field 11/19/2020 12:17

See additional page for sample conditions.

PARADIGM

Chain of Custody Supplement

Client: GM Components Holdings **Completed by:** Glenn Pezzulo

Lab Project ID: 205540 **Date:** 11/19/2020

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	X VOA		X
Comments			
Preservation	X VOA		X
Comments			
Chlorine Absent (<0.10 ppm per test strip)	X		X
Comments	VOA 624: Cl⁻ neg.		
Holding Time	X		
Comments			
Temperature	X		
Comments	10°C iced started in field		
Compliant Sample Quantity/Type	X		
Comments			

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

GM Components Holdings, LLC

For Lab Project ID

205541

Referencing

GMCH East Side GW Monitoring

Prepared

Monday, November 30, 2020

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 205541

Client: **GM Components Holdings, LLC**

Project Reference: GMCH East Side GW Monitoring

Sample Identifier:	Groundwater East Side		
Lab Sample ID:	205541-01	**Date Sampled:**	11/19/2020
Matrix:	Wastewater	**Date Received:**	11/19/2020

Oil and Grease

Analyte	Result	Units	Qualifier	Date Analyzed
Oil & Grease (HEM)	<5.1	mg/L		11/23/2020

Method Reference(s): EPA 1664A
Subcontractor ELAP ID: 10709

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0961	ug/L		11/23/2020 23:49
PCB-1221	< 0.0961	ug/L		11/23/2020 23:49
PCB-1232	< 0.0961	ug/L		11/23/2020 23:49
PCB-1242	< 0.0961	ug/L		11/23/2020 23:49
PCB-1248	< 0.0961	ug/L		11/23/2020 23:49
PCB-1254	< 0.0961	ug/L		11/23/2020 23:49
PCB-1260	< 0.0961	ug/L		11/23/2020 23:49

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**77.2**	33 - 95.6		11/23/2020 23:49

Method Reference(s): EPA 608.3
Preparation Date: 11/23/2020

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		11/23/2020 15:20
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		11/23/2020 15:20
1,1,2-Trichloroethane	< 2.00	ug/L		11/23/2020 15:20
1,1-Dichloroethane	< 2.00	ug/L		11/23/2020 15:20
1,1-Dichloroethene	< 2.00	ug/L		11/23/2020 15:20
1,2-Dichlorobenzene	< 2.00	ug/L		11/23/2020 15:20
1,2-Dichloroethane	< 2.00	ug/L		11/23/2020 15:20
1,2-Dichloropropane	< 2.00	ug/L		11/23/2020 15:20
1,3-Dichlorobenzene	< 2.00	ug/L		11/23/2020 15:20

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 205541

Client: **GM Components Holdings, LLC**

Project Reference: GMCH East Side GW Monitoring

Sample Identifier:	Groundwater East Side		
Lab Sample ID:	205541-01	**Date Sampled:**	11/19/2020
Matrix:	Wastewater	**Date Received:**	11/19/2020

1,4-Dichlorobenzene	< 2.00	ug/L		11/23/2020 15:20
2-Chloroethyl vinyl Ether	< 10.0	ug/L		11/23/2020 15:20
Benzene	< 1.00	ug/L		11/23/2020 15:20
Bromodichloromethane	< 2.00	ug/L		11/23/2020 15:20
Bromoform	< 5.00	ug/L		11/23/2020 15:20
Bromomethane	< 2.00	ug/L		11/23/2020 15:20
Carbon Tetrachloride	< 2.00	ug/L		11/23/2020 15:20
Chlorobenzene	< 2.00	ug/L		11/23/2020 15:20
Chloroethane	< 2.00	ug/L		11/23/2020 15:20
Chloroform	< 2.00	ug/L		11/23/2020 15:20
Chloromethane	< 2.00	ug/L		11/23/2020 15:20
cis-1,2-Dichloroethene	< 2.00	ug/L		11/23/2020 15:20
cis-1,3-Dichloropropene	< 2.00	ug/L		11/23/2020 15:20
Dibromochloromethane	< 2.00	ug/L		11/23/2020 15:20
Ethylbenzene	< 2.00	ug/L		11/23/2020 15:20
Methylene chloride	< 5.00	ug/L		11/23/2020 15:20
Tetrachloroethene	< 2.00	ug/L		11/23/2020 15:20
Toluene	< 2.00	ug/L		11/23/2020 15:20
trans-1,2-Dichloroethene	< 2.00	ug/L		11/23/2020 15:20
trans-1,3-Dichloropropene	< 2.00	ug/L		11/23/2020 15:20
Trichloroethene	< 2.00	ug/L		11/23/2020 15:20
Trichlorofluoromethane	< 2.00	ug/L		11/23/2020 15:20
Vinyl chloride	< 2.00	ug/L		11/23/2020 15:20

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**90.8**	59.4 - 149		11/23/2020 15:20
4-Bromofluorobenzene	**80.8**	49 - 138		11/23/2020 15:20
Pentafluorobenzene	**102**	90.1 - 115		11/23/2020 15:20
Toluene-D8	**98.6**	77.3 - 118		11/23/2020 15:20

Method Reference(s): EPA 624.1

Data File: x74993.D

The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, tern or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

1 of 2

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC

REPORT TO:		INVOICE TO:	
CLIENT:	GM Components Holdings, LLC	CLIENT:	H&A AP@haleyaldrich.com
ADDRESS:	1000 Lexington Ave	ADDRESS:	200 Town Center Drive Suite 2
CITY:	Rochester STATE: NY ZIP: 14606	CITY:	Rochester STATE: NY ZIP: 14623
PHONE:	585-647-4766	PHONE:	(585) 321-4219
ATTN:	Erik Anderson, Gail Finkelstein	ATTN:	Claire Mondello Project Ref # 127982-006

LAB PROJECT ID: 205541

Quotation #:

Email: gail.finkelstein@gm.com

erik.anderson@gm.com

PROJECT REFERENCE

GMCH East Side GW Monitoring

Matrix Codes:
AQ - Aqueous Liquid; **NQ** - Non-Aqueous Liquid; **WA** - Water; **WG** - Groundwater; **DW** - Drinking Water; **WW** - Wastewater; **SO** - Soil; **SL** - Sludge; **SD** - Solid; **PT** - Paint; **WP** - Wipe; **CK** - Caulk; **OL** - Oil; **AR** - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	PCBs 608	624 Site Specific	Oil annd Grease	REMARKS	PARADIGM LAB SAMPLE NUMBER
11/19/2020	1092		X	Groundwater East Side	WW	4	X	X	X	low level PCB DL (0.1 ppb)	01
										624 + cis1,2 DCE	
										email results to Denis Conley	
										dconley@haleyaldrich.com	

14°C ice at startup/field MW 11/19/2020 1215

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	None Required		None Required	
10 day		Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	
Rush 2 day		Category B			
Rush 1 day					
Other please indicate date needed:		Other please indicate package needed:		Other EDD please indicate EDD needed :	

Sampled By: Jc Fink — Date/Time: 11/19/2020

Relinquished By: Jc Fink — Date/Time: 11/19/2020 1210

Received By: Molly Vail — Date/Time: 11/19/2020 1225

Received @ Lab By — Date/Time

Total Cost:

P.I.F.

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

See additional page for sample conditions.

PARADIGM

Chain of Custody Supplement

Client: GMCM **Completed by:** Molly Vail

Lab Project ID: 205541 **Date:** 11/19/2020

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	VOA		X
Comments			
Preservation	VOA		PCB
Comments			
Chlorine Absent (<0.10 ppm per test strip)	X		X
Comments	VOA: Cl⁻ neg.		
Holding Time	X		
Comments			
Temperature	X		
Comments	14°C iced starting in field		
Compliant Sample Quantity/Type	X		
Comments			

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

20112007

CHAIN OF CUSTODY

ADIRONDACK: ELAP ID: 1



REPORT TO:		INVOICE TO: NEC	
COMPANY:	Paradigm Environmental	COMPANY: Same	LAB PROJECT #: / CLIENT PROJECT
ADDRESS:		ADDRESS:	
CITY: / STATE: / ZIP:		CITY: / STATE: / ZIP:	TURNAROUND TIME: (WORKING DAYS) STD 1 2 3 5
PHONE: / FAX:		PHONE: / FAX:	
PROJECT NAME/SITE NAME:	ATTN: Reporting	ATTN: Accounts Payable	Date Due: 11/30/202
	COMMENTS: Please email results to reporting@paradigmenv.com		

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	0462									REMARKS	PARADIGM SAMPLE NUMBER
1	11/19/2020	1042			205541-01	WW	1	X										
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

****LAB USE ONLY BELOW THIS LINE****

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☐	N ☐
Comments: NOT AES BOTTLES		
Preservation:	Y ☐	N ☐
Comments:		
Holding Time:	Y ☐	N ☐
Comments:		
Temperature: 3°C	Y ☐	N ☐
Comments:		

Client

Sampled By	Date/Time	Total Cost:
[signature]	11/20/2020 0830	
Relinquished By	Date/Time	
Received By	Date/Time	P.I.F.
[signature]	11/20/2020 3:36pm	
Received @ Lab By	Date/Time	

HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

8 January 2021
File No. 127982-002

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

Attention: Kelly C. Cloyd, PhD.

Subject: Progress Report No. 4 – December 2020 Reporting Period
Delphi Automotive Systems
1000 Lexington Avenue
Rochester, New York
NYSDEC Site No. HW8-28-064

Dear Dr. Cloyd:

Haley & Aldrich of New York (Haley & Aldrich) is submitting this Progress Report on behalf of our client, GM Components Holdings, LLC (GMCH), for activities conducted during the above-noted reporting period under the Order on Consent (Order) Index #B8-0531-98-06. The Order was executed between GMCH and the New York State Department of Environmental Conservation (NYSDEC) on 18 September 2020.

This Monthly Progress Report provides a summary of project activities conducted since our last update on 15 December 2020.

ACTIVITIES CONDUCTED DURING THE REPORTING PERIOD

The remedial measures installed at the Site including the Building 22 light non-aqueous phase liquid (LNAPL) recovery system, the North Parking Lot groundwater migration control trench (MCT), the Eastside Water Treatment Area (EWTA) Groundwater Recovery and Treatment System (GRTS), Building 1 sub-slab depressurization system (SSDS) and automated LNAPL recovery systems operated throughout the month with the following exceptions:

- The EWTA GRTS was shut down on 15 December 2020 due to fouling observed in the air stripper (A/S) system. The A/S system was cleaned and returned to normal operation on 5 January 2021.

SAMPLING/TESTING RESULTS DURING REPORTING PERIOD

During December 2020, the groundwater volume (in gallons) recovered for treatment and discharge to the Monroe County sewer system under the facility's sewer use permit was:

- Bldg. 22 LNAPL and North Parking Lot MCT: 474,358
- EWTA GRTS: 21,355

Effluent samples were collected at the sewer discharge monitoring points on 17 December 2020 with the reported results well within the facility sewer use permit limits. Copies of the laboratory reports are attached for your information.

The total volume of LNAPL recovered from the manual and automated recovery efforts during the reporting period was approximately 16.3 gallons.

REPORTS AND DELIVERABLES

On 16 December 2020, the Financial Assurance documents were submitted to the Department via email with a hard copy mailed for overnight delivery to Jennifer Dawson, NYSDEC.

On 17 December 2020, a hard copy of the Environmental Easement package for the Site was shipped to the NYSDEC Central Office in Albany, NY to the attention of Mr. Bradford Burns, Esq.

On 5 January 2021, the Department issued a request to conduct sampling for emerging contaminants, 1,4-dioxane and per and polyfluorinated alkyl substances (PFAS) at the Site as part of the Statewide evaluation of remediation sites.

ACTIVITIES ANTICIPATED FOR UPCOMING REPORTING PERIOD

Project activities anticipated to be completed in January 2021 include:

- The continued operation and maintenance of the groundwater migration control, SSDS and automated LNAPL recovery systems installed at the Site,
- The collection of sewer discharge monitoring samples for compliance with the facility's sewer use permit,
- The continued preparation of the Final Engineering Report (FER) as described in the approved Remedial Work Plan (RWP).
- Review of the Department's request to perform groundwater sampling for emerging contaminants at the Site.

If you have any questions concerning this information, please do not hesitate to contact us at 585-359-9000 or via electronic mail at dconley@haleyaldrich.com or cmondello@haleyaldrich.com.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Claire L. Mondello, CHMM
Program Manager

Denis M. Conley
Senior Associate

c: Julia Kenney, New York State Department of Health
David Pratt, NYSDEC
Dudley Loew, NYSDEC
Andrew Park, USEPA
James Hartnett, GM
Gail Finkelstein, GM
Jennifer Tegen, GM

G:\127982_GMCH Lexington\Remedial Action Order\Monthly Reports\2021_0108_Monthly Progress Report_December 2020_F.docx

PARADIGM

PARADIGM
ENVIRONMENTAL SERVICES, INC

Analytical Report For

GM Components Holdings, LLC

For Lab Project ID

205939

Referencing

GMCH East Side GW Monitoring

Prepared

Thursday, December 24, 2020

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Thursday, December 24, 2020

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 205939

Client: **GM Components Holdings, LLC**

Project Reference: GMCH East Side GW Monitoring

Sample Identifier:	Groundwater East Side		
Lab Sample ID:	205939-01	**Date Sampled:**	12/17/2020
Matrix:	Wastewater	**Date Received:**	12/17/2020

Oil and Grease

Analyte	Result	Units	Qualifier	Date Analyzed
Oil & Grease (HEM)	<5.1	mg/L		12/23/2020

Method Reference(s): EPA 1664A
Subcontractor ELAP ID: 10709

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0965	ug/L		12/18/2020 15:44
PCB-1221	< 0.0965	ug/L		12/18/2020 15:44
PCB-1232	< 0.0965	ug/L		12/18/2020 15:44
PCB-1242	< 0.0965	ug/L		12/18/2020 15:44
PCB-1248	< 0.0965	ug/L		12/18/2020 15:44
PCB-1254	< 0.0965	ug/L		12/18/2020 15:44
PCB-1260	< 0.0965	ug/L		12/18/2020 15:44

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**77.3**	33 - 95.6		12/18/2020 15:44

Method Reference(s): EPA 608.3
Preparation Date: 12/18/2020

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		12/22/2020 14:43
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		12/22/2020 14:43
1,1,2-Trichloroethane	< 2.00	ug/L		12/22/2020 14:43
1,1-Dichloroethane	< 2.00	ug/L		12/22/2020 14:43
1,1-Dichloroethene	< 2.00	ug/L		12/22/2020 14:43
1,2-Dichlorobenzene	< 2.00	ug/L		12/22/2020 14:43
1,2-Dichloroethane	< 2.00	ug/L		12/22/2020 14:43
1,2-Dichloropropane	< 2.00	ug/L		12/22/2020 14:43
1,3-Dichlorobenzene	< 2.00	ug/L		12/22/2020 14:43

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 205939

Client: **GM Components Holdings, LLC**

Project Reference: GMCH East Side GW Monitoring

Sample Identifier:	Groundwater East Side		
Lab Sample ID:	205939-01	**Date Sampled:**	12/17/2020
Matrix:	Wastewater	**Date Received:**	12/17/2020

1,4-Dichlorobenzene	< 2.00	ug/L		12/22/2020 14:43
2-Chloroethyl vinyl Ether	< 10.0	ug/L		12/22/2020 14:43
Benzene	< 1.00	ug/L		12/22/2020 14:43
Bromodichloromethane	< 2.00	ug/L		12/22/2020 14:43
Bromoform	< 5.00	ug/L		12/22/2020 14:43
Bromomethane	< 2.00	ug/L		12/22/2020 14:43
Carbon Tetrachloride	< 2.00	ug/L		12/22/2020 14:43
Chlorobenzene	< 2.00	ug/L		12/22/2020 14:43
Chloroethane	< 2.00	ug/L		12/22/2020 14:43
Chloroform	< 2.00	ug/L		12/22/2020 14:43
Chloromethane	< 2.00	ug/L		12/22/2020 14:43
cis-1,2-Dichloroethene	< 2.00	ug/L		12/22/2020 14:43
cis-1,3-Dichloropropene	< 2.00	ug/L		12/22/2020 14:43
Dibromochloromethane	< 2.00	ug/L		12/22/2020 14:43
Ethylbenzene	< 2.00	ug/L		12/22/2020 14:43
Methylene chloride	< 5.00	ug/L		12/22/2020 14:43
Tetrachloroethene	< 2.00	ug/L		12/22/2020 14:43
Toluene	< 2.00	ug/L		12/22/2020 14:43
trans-1,2-Dichloroethene	< 2.00	ug/L		12/22/2020 14:43
trans-1,3-Dichloropropene	< 2.00	ug/L		12/22/2020 14:43
Trichloroethene	< 2.00	ug/L		12/22/2020 14:43
Trichlorofluoromethane	< 2.00	ug/L		12/22/2020 14:43
Vinyl chloride	**4.15**	ug/L		12/22/2020 14:43

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**127**	59.4 - 149		12/22/2020 14:43
4-Bromofluorobenzene	**69.3**	49 - 138		12/22/2020 14:43
Pentafluorobenzene	**98.8**	90.1 - 115		12/22/2020 14:43
Toluene-D8	**87.3**	77.3 - 118		12/22/2020 14:43

Method Reference(s): EPA 624.1

Data File: x75502.D

The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.

Analytical Report Appendix

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"Z" = See case narrative.
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"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
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LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, tern or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

1082

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC.

REPORT TO:		INVOICE TO:		
CLIENT:	GM Components Holdings, LLC	CLIENT:	H&A AP@haleyaldrich.com	LAB PROJECT ID: 205939
ADDRESS:	1000 Lexington Ave	ADDRESS:	200 Town Center Drive Suite 2	
CITY:	Rochester STATE: NY ZIP: 14606	CITY:	Rochester STATE: NY ZIP: 14623	Quotation #:
PHONE:	585-647-4766	PHONE:	(585) 321-4219	Email: gail.finkelstein@gm.com
ATTN:	Erik Anderson, Gail Finkelstein	ATTN:	Claire Mondello Project Ref # 127982-006	erik.anderson@gm.com

PROJECT REFERENCE

GMCH East Side GW Monitoring

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	PCBs 608	624 Site Specific	Oil annd Grease	REMARKS	PARADIGM LAB SAMPLE NUMBER
12/17/2020	1326		X	Groundwater East Side	WW	4	X	X	X	low level PCB DL (0.1 ppb)	01
										624 + cis1,2 DCE	

10°C ice started in field 12/17/2020 1439

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	None Required		None Required	
10 day		Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	
Rush 2 day		Category B			
Rush 1 day					
Other		Other		Other EDD	
please indicate date needed:		please indicate package needed:		please indicate EDD needed :	

Joe Finkle 12/17/2020
Sampled By — Date/Time

Joe Finkle 12/17/2020
Relinquished By — Date/Time

Total Cost:

Received By — Date/Time

Molly Kail 12/17/2020 1440
Received @ Lab By — Date/Time

P.I.F.

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

See additional page for sample conditions.

2062

PARADIGM

Chain of Custody Supplement

Client: GMCM **Completed by:** Molly Vail

Lab Project ID: 205939 **Date:** 12/17/2020

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	VOA		X
Comments			
Preservation	VOA		PCB
Comments			
Chlorine Absent (<0.10 ppm per test strip)	X		PCB
Comments	VOA: Cl⁻ neg.		
Holding Time	X		
Comments			
Temperature	X		
Comments	10°C iced started in field		
Compliant Sample Quantity/Type	X		
Comments			

20121801H

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

CHAIN OF CUSTODY

ADIRONDACK: ELAP ID: 1

Demo Page 8 of 9 201218014

REPORT TO:		INVOICE TO: NEC	
COMPANY: Paradigm Environmental		COMPANY: Same	LAB PROJECT #: / CLIENT PROJECT
ADDRESS:		ADDRESS:	
CITY:	STATE: ZIP:	CITY:	STATE: ZIP:
PHONE:	FAX:	PHONE:	FAX:
PROJECT NAME/SITE NAME:	ATTN: Reporting	ATTN: Accounts Payable	TURNAROUND TIME: (WORKING DAYS) STD ☐1 ☐2 ☐3 ☐5
	COMMENTS: Please email results to reporting@paradigmenv.com		Date Due: 12/24/2020

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	8260										REMARKS	PARADIGM LAB SAMPLE NUMBER
1	12/17/2020	1326			205939-01	WW	1	X											
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

****LAB USE ONLY BELOW THIS LINE****

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☐	N ☐
Comments: Not AES. AE 12/18		
Preservation:	Y ☐	N ☐
Comments:		
Holding Time:	Y ☐	N ☐
Comments:		
Temperature: 4 °C	Y ☐	N ☐
Comments:		

Client

Sampled By	Date/Time
Mail	12/15/2020 0830
Relinquished By	**Date/Time**
Received By	**Date/Time**
	12/18/20 2:28 pm
Received @ Lab By	**Date/Time**

Total Cost:

P.I.F.

PARADIGM

PARADIGM
ENVIRONMENTAL SERVICES, INC

Analytical Report For

GM Components Holdings, LLC

For Lab Project ID

205940

Referencing

GMCH North Side GW Monitoring

Prepared

Thursday, December 24, 2020

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 205940

Client: **GM Components Holdings, LLC**

Project Reference: GMCH North Side GW Monitoring

Sample Identifier:	Groundwater North Side (Combined)		
Lab Sample ID:	205940-01	**Date Sampled:**	12/17/2020
Matrix:	Wastewater	**Date Received:**	12/17/2020

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0955	ug/L		12/18/2020 16:08
PCB-1221	< 0.0955	ug/L		12/18/2020 16:08
PCB-1232	< 0.0955	ug/L		12/18/2020 16:08
PCB-1242	< 0.0955	ug/L		12/18/2020 16:08
PCB-1248	< 0.0955	ug/L		12/18/2020 16:08
PCB-1254	< 0.0955	ug/L		12/18/2020 16:08
PCB-1260	< 0.0955	ug/L		12/18/2020 16:08

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**84.0**	33 - 95.6		12/18/2020 16:08

Method Reference(s): EPA 608.3
Preparation Date: 12/18/2020

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.00	ug/L		12/22/2020 15:06
1,1,2,2-Tetrachloroethane	< 4.00	ug/L		12/22/2020 15:06
1,1,2-Trichloroethane	< 4.00	ug/L		12/22/2020 15:06
1,1-Dichloroethane	< 4.00	ug/L		12/22/2020 15:06
1,1-Dichloroethene	< 4.00	ug/L		12/22/2020 15:06
1,2-Dichlorobenzene	< 4.00	ug/L		12/22/2020 15:06
1,2-Dichloroethane	< 4.00	ug/L		12/22/2020 15:06
1,2-Dichloropropane	< 4.00	ug/L		12/22/2020 15:06
1,3-Dichlorobenzene	< 4.00	ug/L		12/22/2020 15:06
1,4-Dichlorobenzene	< 4.00	ug/L		12/22/2020 15:06
2-Chloroethyl vinyl Ether	< 20.0	ug/L		12/22/2020 15:06
Benzene	< 2.00	ug/L		12/22/2020 15:06
Bromodichloromethane	< 4.00	ug/L		12/22/2020 15:06
Bromoform	< 10.0	ug/L		12/22/2020 15:06

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 205940

Client: **GM Components Holdings, LLC**

Project Reference: GMCH North Side GW Monitoring

Sample Identifier:	Groundwater North Side (Combined)		
Lab Sample ID:	205940-01	**Date Sampled:**	12/17/2020
Matrix:	Wastewater	**Date Received:**	12/17/2020

Bromomethane	< 4.00	ug/L	12/22/2020	15:06
Carbon Tetrachloride	< 4.00	ug/L	12/22/2020	15:06
Chlorobenzene	< 4.00	ug/L	12/22/2020	15:06
Chloroethane	< 4.00	ug/L	12/22/2020	15:06
Chloroform	< 4.00	ug/L	12/22/2020	15:06
Chloromethane	< 4.00	ug/L	12/22/2020	15:06
cis-1,2-Dichloroethene	**9.64**	ug/L	12/22/2020	15:06
cis-1,3-Dichloropropene	< 4.00	ug/L	12/22/2020	15:06
Dibromochloromethane	< 4.00	ug/L	12/22/2020	15:06
Ethylbenzene	< 4.00	ug/L	12/22/2020	15:06
Methylene chloride	< 10.0	ug/L	12/22/2020	15:06
Tetrachloroethene	< 4.00	ug/L	12/22/2020	15:06
Toluene	< 4.00	ug/L	12/22/2020	15:06
trans-1,2-Dichloroethene	< 4.00	ug/L	12/22/2020	15:06
trans-1,3-Dichloropropene	< 4.00	ug/L	12/22/2020	15:06
Trichloroethene	< 4.00	ug/L	12/22/2020	15:06
Trichlorofluoromethane	< 4.00	ug/L	12/22/2020	15:06
Vinyl chloride	**310**	ug/L	12/22/2020	15:06

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**124**	59.4 - 149		12/22/2020	15:06
4-Bromofluorobenzene	**72.1**	49 - 138		12/22/2020	15:06
Pentafluorobenzene	**98.6**	90.1 - 115		12/22/2020	15:06
Toluene-D8	**83.4**	77.3 - 118		12/22/2020	15:06

Method Reference(s): EPA 624.1

Data File: x75503.D

The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

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LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

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Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT ID
CLIENT:	GM Components Holdings, LLC	CLIENT:	H&A AP@haleyaldrich.com	205940
ADDRESS:	1000 Lexington Ave	ADDRESS:	200 Town Center Drive Suite 2	Quotation #:
CITY:	Rochester STATE: NY ZIP: 14606	CITY:	Rochester STATE: NY ZIP: 14623	
PHONE:	585-647-4766	PHONE:	(585) 321-4219	Email: gail.finkelstein@gm.com
ATTN:	Erik Anderson, Gail Finkelstein	ATTN:	Claire Mondello Project Ref# 127982-006	erik.anderson@gm.com

PROJECT REFERENCE

GMCH North Side GW Monitoring

Matrix Codes:
AQ - Aqueous Liquid; **NQ** - Non-Aqueous Liquid; **WA** - Water; **WG** - Groundwater; **DW** - Drinking Water; **WW** - Wastewater; **SO** - Soil; **SL** - Sludge; **SD** - Solid; **PT** - Paint; **WP** - Wipe; **CK** - Caulk; **OL** - Oil; **AR** - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	PCBs 608	624 Site Specific	REMARKS	PARADIGM LAB SAMPLE NUMBER
12/17/2020	1350		X	Groundwater North Side(Combined)	WW	3	X	X	low level PCB DL (0.1 ppb)	01
									624 + cis-1,2 DCE	

10°C iced started in field 12/17/2020 1439

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	None Required	☐	None Required	☐
10 day	☐	Batch QC	☐	Basic EDD	☐
Rush 3 day	☐	Category A	☐	NYSDEC EDD	☐
Rush 2 day	☐	Category B	☐		
Rush 1 day	☐				
Other (please indicate date needed: _____)	☐	Other (please indicate package needed: _____)	☐	Other EDD (please indicate EDD needed: _____)	☐

Joe Finkle 12/17/2020 — Sampled By — Date/Time

Joe Finkle 12/17/2020 — Relinquished By — Date/Time

Total Cost:

Received By — Date/Time

P.I.F.

Molly Wall 12/17/2020 1443 — Received @ Lab By — Date/Time

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

See additional page for sample conditions.

2082

PARADIGM

Chain of Custody Supplement

Client: GMCH **Completed by:** Mlly Vail

Lab Project ID: 205940 **Date:** 12/17/2020

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	VOA		PCB
Comments			
Preservation	VOA		PCB
Comments			
Chlorine Absent (<0.10 ppm per test strip)	X		PCB
Comments	VOA : Cl⁻ neg.		
Holding Time	X		
Comments			
Temperature	X		
Comments	10°c iced started in field		
Compliant Sample Quantity/Type	X		
Comments			

HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

10 February 2021
File No. 0127982-100

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

Attention: Kelly C. Cloyd, PhD.

Subject: Progress Report No. 5 – January 2021 Reporting Period
Delphi Automotive Systems Site
1000 Lexington Avenue
Rochester, New York
NYSDEC Site No. HW8-28-064

Dear Dr. Cloyd:

Haley & Aldrich of New York (Haley & Aldrich) is submitting this Progress Report on behalf of our client, GM Components Holdings, LLC (GMCH), for activities conducted during the above-noted reporting period under the Order on Consent (Order) Index #B8-0531-98-06. The Order was executed between GMCH and the New York State Department of Environmental Conservation (NYSDEC) on 18 September 2020.

This Progress Report provides a summary of project activities conducted since our last update on 8 January 2021.

ACTIVITIES CONDUCTED DURING THE REPORTING PERIOD

The remedial measures installed at the Site including the Building 22 light non-aqueous phase liquid (LNAPL) recovery system, the North Parking Lot groundwater migration control trench (MCT), the Eastside Water Treatment Area (EWTA) Groundwater Recovery and Treatment System (GRTS), Building 1 sub-slab depressurization system (SSDS) and automated LNAPL recovery systems operated throughout the month with the following exception:

- The EWTA GRTS was shut down on 8 February 2021 due to additional biofouling observed in the air stripper (A/S) system. The A/S system is scheduled to be cleaned and returned to normal operation on 12 February 2021.

SAMPLING/TESTING RESULTS DURING REPORTING PERIOD

During January 2021, the groundwater volume (in gallons) recovered for treatment and discharge to the Monroe County sewer system under the facility's sewer use permit was:

- Bldg. 22 LNAPL and North Parking Lot MCT: 478,538
- EWTA GRTS: 75,692

Effluent samples were collected at the sewer discharge monitoring points on 8 January 2021 with the reported results well within the facility sewer use permit limits. Copies of the laboratory reports are attached for your information.

The total volume of LNAPL recovered from the manual and automated recovery efforts during the reporting period was approximately 16.1 gallons.

REPORTS AND DELIVERABLES

No reports or deliverables during the reporting period.

ACTIVITIES ANTICIPATED FOR UPCOMING REPORTING PERIOD

Project activities anticipated to be completed in February 2021 include:

- The continued operation and maintenance of the groundwater migration control, SSDS and automated LNAPL recovery systems installed at the Site,
- The collection of sewer discharge monitoring samples for compliance with the facility's sewer use permit,
- Preparation of a sampling plan for the collection of groundwater samples for the analysis of Emerging Contaminants at the Site,
- The implementation of the Indoor Air Quality Sampling and Analysis Plan provided in the Remedial Work Plan, and;
- The continued preparation of the Final Engineering Report (FER) as described in the approved Remedial Work Plan (RWP).

Although we do not consider this a change in use requiring notification under the order, GMCH will be manufacturing cloth face masks in an approximately 20,000 square foot area of the manufacturing building. Equipment installation is currently underway and mask manufacturing operations will continue for an indefinite period of time. No significant building structures will be impacted.

If you have any questions concerning this information, please do not hesitate to contact us at 585-359-9000 or via electronic mail at dconley@haleyaldrich.com or cmondello@haleyaldrich.com.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Claire L. Mondello

Denis M. Conley

Claire L. Mondello, CHMM
Program Manager

Denis M. Conley
Senior Associate

c: Julia Kenney, New York State Department of Health
David Pratt, NYSDEC
Dudley Loew, NYSDEC
Carol Stein, USEPA
James Hartnett, GM
Gail Finkelstein, GM
Jennifer Tegen, GM

G:\127982_GMCH Lexington\Remedial Action Order\Monthly Reports\2021_0210_Monthly Progress Report_January 2021_F.docx

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

GM Components Holdings, LLC

For Lab Project ID

210105

Referencing

GMCH East Side GW Monitoring

Prepared

Thursday, January 14, 2021

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210105

Client: **GM Components Holdings, LLC**

Project Reference: GMCH East Side GW Monitoring

Sample Identifier:	Groundwater East Side		
Lab Sample ID:	210105-01	**Date Sampled:**	1/8/2021
Matrix:	Wastewater	**Date Received:**	1/8/2021

Oil and Grease

Analyte	Result	Units	Qualifier	Date Analyzed
Oil & Grease (HEM)	<5.1	mg/L		1/13/2021

Method Reference(s): EPA 1664A
Subcontractor ELAP ID: 10709

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0984	ug/L		1/12/2021 01:27
PCB-1221	< 0.0984	ug/L		1/12/2021 01:27
PCB-1232	< 0.0984	ug/L		1/12/2021 01:27
PCB-1242	< 0.0984	ug/L		1/12/2021 01:27
PCB-1248	< 0.0984	ug/L		1/12/2021 01:27
PCB-1254	< 0.0984	ug/L		1/12/2021 01:27
PCB-1260	< 0.0984	ug/L		1/12/2021 01:27

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**64.4**	31.6 - 98.5		1/12/2021 01:27

Method Reference(s): EPA 608.3
Preparation Date: 1/8/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		1/12/2021 20:07
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		1/12/2021 20:07
1,1,2-Trichloroethane	< 2.00	ug/L		1/12/2021 20:07
1,1-Dichloroethane	< 2.00	ug/L		1/12/2021 20:07
1,1-Dichloroethene	< 2.00	ug/L		1/12/2021 20:07
1,2-Dichlorobenzene	< 2.00	ug/L		1/12/2021 20:07
1,2-Dichloroethane	< 2.00	ug/L		1/12/2021 20:07
1,2-Dichloropropane	< 2.00	ug/L		1/12/2021 20:07
1,3-Dichlorobenzene	< 2.00	ug/L		1/12/2021 20:07

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210105

Client: **GM Components Holdings, LLC**

Project Reference: GMCH East Side GW Monitoring

Sample Identifier:	Groundwater East Side		
Lab Sample ID:	210105-01	**Date Sampled:**	1/8/2021
Matrix:	Wastewater	**Date Received:**	1/8/2021

1,4-Dichlorobenzene	< 2.00	ug/L		1/12/2021 20:07
2-Chloroethyl vinyl Ether	< 10.0	ug/L		1/12/2021 20:07
Benzene	< 1.00	ug/L		1/12/2021 20:07
Bromodichloromethane	< 2.00	ug/L		1/12/2021 20:07
Bromoform	< 5.00	ug/L		1/12/2021 20:07
Bromomethane	< 2.00	ug/L		1/12/2021 20:07
Carbon Tetrachloride	< 2.00	ug/L		1/12/2021 20:07
Chlorobenzene	< 2.00	ug/L		1/12/2021 20:07
Chloroethane	< 2.00	ug/L		1/12/2021 20:07
Chloroform	< 2.00	ug/L		1/12/2021 20:07
Chloromethane	< 2.00	ug/L		1/12/2021 20:07
cis-1,2-Dichloroethene	< 2.00	ug/L		1/12/2021 20:07
cis-1,3-Dichloropropene	< 2.00	ug/L		1/12/2021 20:07
Dibromochloromethane	< 2.00	ug/L		1/12/2021 20:07
Ethylbenzene	< 2.00	ug/L		1/12/2021 20:07
Methylene chloride	< 5.00	ug/L		1/12/2021 20:07
Tetrachloroethene	< 2.00	ug/L		1/12/2021 20:07
Toluene	< 2.00	ug/L		1/12/2021 20:07
trans-1,2-Dichloroethene	< 2.00	ug/L		1/12/2021 20:07
trans-1,3-Dichloropropene	< 2.00	ug/L		1/12/2021 20:07
Trichloroethene	< 2.00	ug/L		1/12/2021 20:07
Trichlorofluoromethane	< 2.00	ug/L		1/12/2021 20:07
Vinyl chloride	< 2.00	ug/L		1/12/2021 20:07

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**88.9**	64 - 142		1/12/2021 20:07
4-Bromofluorobenzene	**78.3**	37.2 - 146		1/12/2021 20:07
Pentafluorobenzene	**106**	91.4 - 114		1/12/2021 20:07
Toluene-D8	**95.2**	73.1 - 120		1/12/2021 20:07

Method Reference(s): EPA 624.1

Data File: x75806.D

The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, tern or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

1 of 2

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC

REPORT TO:		INVOICE TO:		LAB PROJECT ID
CLIENT:	GM Components Holdings, LLC	CLIENT:	H&A AP@haleyaldrich.com	210105
ADDRESS:	1000 Lexington Ave	ADDRESS:	200 Town Center Drive Suite 2	Quotation #:
CITY:	Rochester STATE: NY ZIP: 14606	CITY:	Rochester STATE: NY ZIP: 14623	Email: gail.finkelstein@gm.com
PHONE:	585-647-4766	PHONE:	(585) 321-4219	erik.anderson@gm.com
ATTN:	Erik Anderson, Gail Finkelstein	ATTN:	Claire Mondello Project Ref # 127982-006	

PROJECT REFERENCE

GMCH East Side GW Monitoring

Matrix Codes:
AQ - Aqueous Liquid; **NQ** - Non-Aqueous Liquid; **WA** - Water; **WG** - Groundwater; **DW** - Drinking Water; **WW** - Wastewater; **SO** - Soil; **SL** - Sludge; **SD** - Solid; **PT** - Paint; **WP** - Wipe; **CK** - Caulk; **OL** - Oil; **AR** - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	PCBs 608	624 Site Specific	Oil annd Grease	REMARKS	PARADIGM LAB SAMPLE NUMBER
11/8/21	1043		X	Groundwater East Side	WW	4	X	X	X	low level PCB DL (0.1 ppb)	01
										624 + cis1,2 DCE	
										email results to Denis Conley	
										dconley@haleyaldrich.com	

10°C 11/8/21 1135

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	None Required	☐	None Required	☐
10 day	☐	Batch QC	☐	Basic EDD	☐
Rush 3 day	☐	Category A	☐	NYSDEC EDD	☐
Rush 2 day	☐	Category B	☐		
Rush 1 day	☐				
Other please indicate date needed:	☐	Other please indicate package needed:	☐	Other EDD please indicate EDD needed :	☐

Sampled By — Date/Time: 11/8/21

Relinquished By — Date/Time: 11/8/21

Total Cost:

Received By — Date/Time:

Received @ Lab By: Molly Mail — Date/Time: 11/8/21 1135

P.I.F. ☐

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

See additional page for sample conditions.

PARADIGM

Chain of Custody Supplement

Client: GMMC **Completed by:** Molly Reid

Lab Project ID: 210105 **Date:** 1/8/21

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	VOA		PCB
Comments			
Preservation	VOA		PCB
Comments			
Chlorine Absent (<0.10 ppm per test strip)	X		X
Comments	VOA : Cl⁻ neg.		
Holding Time	X		
Comments			
Temperature		X	
Comments	10°C		
Compliant Sample Quantity/Type	X		
Comments			

210111005

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

CHAIN OF CUSTODY

ADIRONDACK: ELAP ID:

210111005

REPORT TO:		INVOICE TO: NEC	
COMPANY:	Paradigm Environmental	COMPANY: Same	LAB PROJECT #: / CLIENT PROJEC
ADDRESS:		ADDRESS:	
CITY: STATE: ZIP:		CITY: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)
PHONE: FAX:		PHONE: FAX:	STD ☐ 1 ☐ 2 ☐ 3 ☐ 5
PROJECT NAME/SITE NAME:	ATTN: Reporting	ATTN: Accounts Payable	
	COMMENTS: Please email results to reporting@paradigmenv.com		Date Due: 1/15/21

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	8260									REMARKS	PARADIGM SAMPLE NO.
001	1	1/8/21	1043		210105-01	WW	1	X										
	2																	
	3																	
	4																	
	5																	
	6																	
	7																	
	8																	
	9																	
	10																	

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☐	N ☐
Comments:		
Preservation:	Y ☐	N ☐
Comments:		
Holding Time:	Y ☐	N ☐
Comments:		
Temperature: 4°C	Y ☐	N ☐
Comments:		

Client

Sampled By	Date/Time	Total Cost:
Molly Wall	1/11/21 0830	
Relinquished By	Date/Time	
Received By	Date/Time	P.I.F.
Received @ Lab By	Date/Time	

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

GM Components Holdings, LLC

For Lab Project ID

210108

Referencing

GMCH North Side GW Monitoring

Prepared

Wednesday, January 13, 2021

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210108

Client: **GM Components Holdings, LLC**

Project Reference: GMCH North Side GW Monitoring

Sample Identifier:	Groundwater North Side (Combined)		
Lab Sample ID:	210108-01	**Date Sampled:**	1/8/2021
Matrix:	Wastewater	**Date Received:**	1/8/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0958	ug/L		1/12/2021 04:59
PCB-1221	< 0.0958	ug/L		1/12/2021 04:59
PCB-1232	< 0.0958	ug/L		1/12/2021 04:59
PCB-1242	< 0.0958	ug/L		1/12/2021 04:59
PCB-1248	< 0.0958	ug/L		1/12/2021 04:59
PCB-1254	< 0.0958	ug/L		1/12/2021 04:59
PCB-1260	< 0.0958	ug/L		1/12/2021 04:59

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**75.5**	31.6 - 98.5		1/12/2021 04:59

Method Reference(s): EPA 608.3
Preparation Date: 1/11/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.00	ug/L		1/12/2021 20:30
1,1,2,2-Tetrachloroethane	< 4.00	ug/L		1/12/2021 20:30
1,1,2-Trichloroethane	< 4.00	ug/L		1/12/2021 20:30
1,1-Dichloroethane	< 4.00	ug/L		1/12/2021 20:30
1,1-Dichloroethene	< 4.00	ug/L		1/12/2021 20:30
1,2-Dichlorobenzene	< 4.00	ug/L		1/12/2021 20:30
1,2-Dichloroethane	< 4.00	ug/L		1/12/2021 20:30
1,2-Dichloropropane	< 4.00	ug/L		1/12/2021 20:30
1,3-Dichlorobenzene	< 4.00	ug/L		1/12/2021 20:30
1,4-Dichlorobenzene	< 4.00	ug/L		1/12/2021 20:30
2-Chloroethyl vinyl Ether	< 20.0	ug/L		1/12/2021 20:30
Benzene	< 2.00	ug/L		1/12/2021 20:30
Bromodichloromethane	< 4.00	ug/L		1/12/2021 20:30
Bromoform	< 10.0	ug/L		1/12/2021 20:30

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210108

Client: **GM Components Holdings, LLC**

Project Reference: GMCH North Side GW Monitoring

Sample Identifier:	Groundwater North Side (Combined)		
Lab Sample ID:	210108-01	**Date Sampled:**	1/8/2021
Matrix:	Wastewater	**Date Received:**	1/8/2021

Bromomethane	< 4.00	ug/L	1/12/2021	20:30
Carbon Tetrachloride	< 4.00	ug/L	1/12/2021	20:30
Chlorobenzene	< 4.00	ug/L	1/12/2021	20:30
Chloroethane	< 4.00	ug/L	1/12/2021	20:30
Chloroform	< 4.00	ug/L	1/12/2021	20:30
Chloromethane	< 4.00	ug/L	1/12/2021	20:30
cis-1,2-Dichloroethene	**6.92**	ug/L	1/12/2021	20:30
cis-1,3-Dichloropropene	< 4.00	ug/L	1/12/2021	20:30
Dibromochloromethane	< 4.00	ug/L	1/12/2021	20:30
Ethylbenzene	< 4.00	ug/L	1/12/2021	20:30
Methylene chloride	< 10.0	ug/L	1/12/2021	20:30
Tetrachloroethene	< 4.00	ug/L	1/12/2021	20:30
Toluene	< 4.00	ug/L	1/12/2021	20:30
trans-1,2-Dichloroethene	< 4.00	ug/L	1/12/2021	20:30
trans-1,3-Dichloropropene	< 4.00	ug/L	1/12/2021	20:30
Trichloroethene	< 4.00	ug/L	1/12/2021	20:30
Trichlorofluoromethane	< 4.00	ug/L	1/12/2021	20:30
Vinyl chloride	**171**	ug/L	1/12/2021	20:30

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**	
1,2-Dichloroethane-d4	**91.6**	64 - 142		1/12/2021	20:30
4-Bromofluorobenzene	**81.6**	37.2 - 146		1/12/2021	20:30
Pentafluorobenzene	**102**	91.4 - 114		1/12/2021	20:30
Toluene-D8	**96.2**	73.1 - 120		1/12/2021	20:30

Method Reference(s): EPA 624.1

Data File: x75807.D

The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

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"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, tern or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

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Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

1 of 2

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC.

REPORT TO:		INVOICE TO:		
CLIENT:	GM Components Holdings, LLC	CLIENT:	H&A AP@haleyaldrich.com	LAB PROJECT ID: 21018
ADDRESS:	1000 Lexington Ave	ADDRESS:	200 Town Center Drive Suite 2	
CITY:	Rochester STATE: NY ZIP: 14606	CITY:	Rochester STATE: NY ZIP: 14623	Quotation #:
PHONE:	585-647-4766	PHONE:	(585) 321-4219	Email: gail.finkelstein@gm.com
ATTN:	Erik Anderson, Gail Finkelstein	ATTN:	Claire Mondello Project Ref# 127982-006	erik.anderson@gm.com

PROJECT REFERENCE

GMCH North Side GW Monitoring

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	PCBs 608	624 Site Specific	REMARKS	PARADIGM LAB SAMPLE NUMBER
1/8/21	1030		X	Groundwater North Side(Combined)	WW	3	X	X	low level PCB DL (0.1 ppb)	01
									624 + cis-1,2 DCE	
									email results to Denis Conley	
									dconley@haleyaldrich.com	

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	None Required		None Required	
10 day		Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	
Rush 2 day		Category B			
Rush 1 day					
Other (please indicate date needed: ____)		Other (please indicate package needed: ____)		Other EDD (please indicate EDD needed: ____)	

Sampled By — Date/Time: 1/8/21

Relinquished By — Date/Time: 1/8/21 1116

Total Cost:

Received By — Date/Time: 1/8/21 11:41

Received @ Lab By — Date/Time:

P.I.F.

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

11°C 1/8/21 11:35

See additional page for sample conditions.

PARADIGM

Chain of Custody Supplement

Client: GM Components Holdings **Completed by:** Glenn Pezzulo

Lab Project ID: 210108 **Date:** 1/8/21

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	X VOA		X
Comments			
Preservation	X VOA		X
Comments			
Chlorine Absent (<0.10 ppm per test strip)	X		X
Comments	VOA 624: Cl⁻ neg.		
Holding Time	X		
Comments			
Temperature		X	
Comments	11 °C		
Compliant Sample Quantity/Type	X		
Comments			

HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

10 March 2021
File No. 0127982-100

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

Attention: Kelly C. Cloyd, PhD.

Subject: Progress Report No. 6 – February 2021 Reporting Period
Delphi Automotive Systems Site
1000 Lexington Avenue
Rochester, New York
NYSDEC Site No. HW8-28-064

Dear Dr. Cloyd:

Haley & Aldrich of New York (Haley & Aldrich) is submitting this Progress Report on behalf of our client, GM Components Holdings, LLC (GMCH), for activities conducted during the above-noted reporting period under the Order on Consent (Order) Index #B8-0531-98-06. The Order was executed between GMCH and the New York State Department of Environmental Conservation (NYSDEC) on 18 September 2020.

This Progress Report provides a summary of project activities conducted since our last update on 10 February 2021.

ACTIVITIES CONDUCTED DURING THE REPORTING PERIOD

The remedial measures installed at the Site including the Building 22 light non-aqueous phase liquid (LNAPL) recovery system, the North Parking Lot groundwater migration control trench (MCT), the Eastside Water Treatment Area (EWTA) Groundwater Recovery and Treatment System (GRTS), Building 1 sub-slab depressurization system (SSDS) and automated LNAPL recovery systems operated throughout the month without exception.

From 16 through 18 February 2021, sub-slab vapor and indoor air samples were collected within the facility manufacturing areas in accordance with the Indoor Air Quality Monitoring Plan provided as Appendix B in the approved Remedial Work Plan (RWP) (Haley & Aldrich, 2020). The sub-slab vapor and indoor air samples were submitted to Eurofins Test America laboratory for analysis of volatile organic compounds (VOC) in accordance with EPA Method TO-15.

On 18 February, Matrix Environmental personnel inspected Well Z for the presence of LNAPL and detected a sheen on the oil interface probe but no measurable thickness. An adsorbent sock was placed in the well to adsorb the residual LNAPL.

SAMPLING/TESTING RESULTS DURING REPORTING PERIOD

During February 2021, the groundwater volume (in gallons) recovered for treatment and discharge to the Monroe County sewer system under the facility's sewer use permit was:

- Bldg. 22 LNAPL and North Parking Lot MCT: 205,740
- EWTA GRTS: 55,390

Effluent samples were collected at the sewer discharge monitoring points on 11 and 17 February 2021. Copies of the laboratory reports are attached for your information.

The total volume of LNAPL recovered from the manual and automated recovery efforts during the reporting period was approximately 48 gallons.

REPORTS AND DELIVERABLES

The sampling plan for the collection of groundwater samples for the analysis of per and poly fluoroalkyl substances (PFAS) and 1,4-dioxane was submitted on 26 February 2021 in response to the Department's letter dated 5 January 2021.

ACTIVITIES ANTICIPATED FOR UPCOMING REPORTING PERIOD

Project activities anticipated to be completed in March 2021 include:

- The continued operation and maintenance of the groundwater migration control, SSDS and automated LNAPL recovery systems,
- The collection of sewer discharge monitoring samples for compliance with the facility's sewer use permit,
- Receipt of the validated laboratory results from the sub-slab vapor and indoor air samples collected in February,
- The continued preparation of the Final Engineering Report (FER) as described in the approved Remedial Work Plan (RWP) and,
- Review revisions to the DRAFT Site Management Plan (SMP) with the Department.

GM requests the opportunity to conduct a Teams Meeting with the Department to discuss revisions to the Excavation Work Plan presented in the DRAFT SMP submitted to the Department in November 2020.

If you have any questions concerning this information, please do not hesitate to contact us at 585-359-9000 or via electronic mail at dconley@haleyaldrich.com or cmondello@haleyaldrich.com.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Claire L. Mondello, CHMM
Program Manager

Denis M. Conley
Senior Associate

c: Julia Kenney, New York State Department of Health
David Pratt, NYSDEC
Dudley Loew, NYSDEC
Carol Stein, USEPA
James Hartnett, GM
Gail Finkelstein, GM
Jennifer Tegen, GM

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

GM Components Holdings, LLC

For Lab Project ID

210588

Referencing

GMCH North Side GW Monitoring

Prepared

Monday, February 15, 2021

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210588

Client: **GM Components Holdings, LLC**

Project Reference: GMCH North Side GW Monitoring

Sample Identifier:	Groundwater North Side (Combined)		
Lab Sample ID:	210588-01	**Date Sampled:**	2/11/2021
Matrix:	Wastewater	**Date Received:**	2/11/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0980	ug/L		2/12/2021 14:35
PCB-1221	< 0.0980	ug/L		2/12/2021 14:35
PCB-1232	< 0.0980	ug/L		2/12/2021 14:35
PCB-1242	< 0.0980	ug/L		2/12/2021 14:35
PCB-1248	< 0.0980	ug/L		2/12/2021 14:35
PCB-1254	< 0.0980	ug/L		2/12/2021 14:35
PCB-1260	< 0.0980	ug/L		2/12/2021 14:35

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**65.2**	31.6 - 98.5		2/12/2021 14:35

Method Reference(s): EPA 608.3
Preparation Date: 2/12/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.00	ug/L		2/11/2021 17:41
1,1,2,2-Tetrachloroethane	< 4.00	ug/L		2/11/2021 17:41
1,1,2-Trichloroethane	< 4.00	ug/L		2/11/2021 17:41
1,1-Dichloroethane	< 4.00	ug/L		2/11/2021 17:41
1,1-Dichloroethene	< 4.00	ug/L		2/11/2021 17:41
1,2-Dichlorobenzene	< 4.00	ug/L		2/11/2021 17:41
1,2-Dichloroethane	< 4.00	ug/L		2/11/2021 17:41
1,2-Dichloropropane	< 4.00	ug/L		2/11/2021 17:41
1,3-Dichlorobenzene	< 4.00	ug/L		2/11/2021 17:41
1,4-Dichlorobenzene	< 4.00	ug/L		2/11/2021 17:41
2-Chloroethyl vinyl Ether	< 20.0	ug/L		2/11/2021 17:41
Benzene	< 2.00	ug/L		2/11/2021 17:41
Bromodichloromethane	< 4.00	ug/L		2/11/2021 17:41
Bromoform	< 10.0	ug/L		2/11/2021 17:41

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Lab Project ID: 210588

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Matrix:	Wastewater	**Date Received:**	2/11/2021

Bromomethane	< 4.00	ug/L		2/11/2021 17:41
Carbon Tetrachloride	< 4.00	ug/L		2/11/2021 17:41
Chlorobenzene	< 4.00	ug/L		2/11/2021 17:41
Chloroethane	< 4.00	ug/L		2/11/2021 17:41
Chloroform	< 4.00	ug/L		2/11/2021 17:41
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Pentafluorobenzene	**97.7**	91.4 - 114		2/11/2021 17:41
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Method Reference(s): EPA 624.1

Data File: x76402.D

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LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

1 of 2

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC.

REPORT TO:		INVOICE TO:		
CLIENT:	GM Components Holdings, LLC	CLIENT:	H&A AP@haleyaldrich.com	LAB PROJECT ID: 210588
ADDRESS:	1000 Lexington Ave	ADDRESS:	200 Town Center Drive Suite 2	Quotation #:
CITY:	Rochester STATE: NY ZIP: 14606	CITY:	Rochester STATE: NY ZIP: 14623	
PHONE:	585-647-4766	PHONE:	(585) 321-4219	Email: gail.finkelstein@gm.com
ATTN:	Erik Anderson, Gail Finkelstein	ATTN:	Claire Mondello Project Ref# 127982-006	erik.anderson@gm.com

PROJECT REFERENCE

GMCH North Side GW Monitoring

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	PCBs 608	624 Site Specific								REMARKS	PARADIGM LAB SAMPLE NUMBER
2/11/2021	1347		X	Groundwater North Side(Combined)	WW	3	X	X								low level PCB DL (0.1 ppb)	01
																624 + cis-1,2 DCE	
																email results to Denis Conley	
																dconley@haleyaldrich.com	
																10°C iced started in field 2/11/21 1420	

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	None Required	☐	None Required	☐
10 day	☐	Batch QC	☐	Basic EDD	☐
Rush 3 day	☐	Category A	☐	NYSDEC EDD	☐
Rush 2 day	☐	Category B	☐		
Rush 1 day	☐				
Other (please indicate date needed: ____)	☐	Other (please indicate package needed: ____)	☐	Other EDD (please indicate EDD needed: ____)	☐

Sampled By: [signature] Date/Time: 2/11/2021

Relinquished By: [signature] Date/Time: 2/11/2021 1411

Received By: [signature] Date/Time: 2/11/21 1421

Received @ Lab By: Date/Time

Total Cost:

P.I.F.

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

See additional page for sample conditions.

PARADIGM

Chain of Custody Supplement

Client: GMCH **Completed by:** MollyReid

Lab Project ID: 210588 **Date:** 2/11/21

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	VOA		PCB
Comments			
Preservation	VOA		PCB
Comments			
Chlorine Absent (<0.10 ppm per test strip)	X		PCB
Comments	VOA: Cl⁻ neg.		
Holding Time	X		
Comments			
Temperature	X		
Comments	10°C iced started in field		
Compliant Sample Quantity/Type	X		
Comments			

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

GM Components Holdings, LLC

For Lab Project ID

210637

Referencing

GMCH East Side GW Monitoring

Prepared

Wednesday, February 24, 2021

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210637

Client: **GM Components Holdings, LLC**

Project Reference: GMCH East Side GW Monitoring

Sample Identifier:	Groundwater East Side		
Lab Sample ID:	210637-01	**Date Sampled:**	2/17/2021
Matrix:	Wastewater	**Date Received:**	2/17/2021

Oil and Grease

Analyte	Result	Units	Qualifier	Date Analyzed
Oil & Grease (HEM)	<5.0	mg/L	L	2/23/2021

Method Reference(s): EPA 1664A
Subcontractor ELAP ID: 10709

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0983	ug/L		2/18/2021 12:54
PCB-1221	< 0.0983	ug/L		2/18/2021 12:54
PCB-1232	< 0.0983	ug/L		2/18/2021 12:54
PCB-1242	< 0.0983	ug/L		2/18/2021 12:54
PCB-1248	< 0.0983	ug/L		2/18/2021 12:54
PCB-1254	< 0.0983	ug/L		2/18/2021 12:54
PCB-1260	< 0.0983	ug/L		2/18/2021 12:54

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**60.1**	31.6 - 98.5		2/18/2021 12:54

Method Reference(s): EPA 608.3
Preparation Date: 2/18/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		2/18/2021 16:50
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		2/18/2021 16:50
1,1,2-Trichloroethane	< 2.00	ug/L		2/18/2021 16:50
1,1-Dichloroethane	< 2.00	ug/L		2/18/2021 16:50
1,1-Dichloroethene	< 2.00	ug/L		2/18/2021 16:50
1,2-Dichlorobenzene	< 2.00	ug/L		2/18/2021 16:50
1,2-Dichloroethane	< 2.00	ug/L		2/18/2021 16:50
1,2-Dichloropropane	< 2.00	ug/L		2/18/2021 16:50
1,3-Dichlorobenzene	< 2.00	ug/L		2/18/2021 16:50

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210637

Client: **GM Components Holdings, LLC**

Project Reference: GMCH East Side GW Monitoring

Sample Identifier:	Groundwater East Side		
Lab Sample ID:	210637-01	**Date Sampled:**	2/17/2021
Matrix:	Wastewater	**Date Received:**	2/17/2021

1,4-Dichlorobenzene	< 2.00	ug/L		2/18/2021 16:50
2-Chloroethyl vinyl Ether	< 10.0	ug/L		2/18/2021 16:50
Benzene	< 1.00	ug/L		2/18/2021 16:50
Bromodichloromethane	< 2.00	ug/L		2/18/2021 16:50
Bromoform	< 5.00	ug/L		2/18/2021 16:50
Bromomethane	< 2.00	ug/L		2/18/2021 16:50
Carbon Tetrachloride	< 2.00	ug/L		2/18/2021 16:50
Chlorobenzene	< 2.00	ug/L		2/18/2021 16:50
Chloroethane	< 2.00	ug/L		2/18/2021 16:50
Chloroform	< 2.00	ug/L		2/18/2021 16:50
Chloromethane	< 2.00	ug/L		2/18/2021 16:50
cis-1,2-Dichloroethene	< 2.00	ug/L		2/18/2021 16:50
cis-1,3-Dichloropropene	< 2.00	ug/L		2/18/2021 16:50
Dibromochloromethane	< 2.00	ug/L		2/18/2021 16:50
Ethylbenzene	< 2.00	ug/L		2/18/2021 16:50
Methylene chloride	< 5.00	ug/L		2/18/2021 16:50
Tetrachloroethene	< 2.00	ug/L		2/18/2021 16:50
Toluene	< 2.00	ug/L		2/18/2021 16:50
trans-1,2-Dichloroethene	< 2.00	ug/L		2/18/2021 16:50
trans-1,3-Dichloropropene	< 2.00	ug/L		2/18/2021 16:50
Trichloroethene	< 2.00	ug/L		2/18/2021 16:50
Trichlorofluoromethane	< 2.00	ug/L		2/18/2021 16:50
Vinyl chloride	**2.06**	ug/L		2/18/2021 16:50

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**143**	64 - 142	*	2/18/2021 16:50
4-Bromofluorobenzene	**62.2**	37.2 - 146		2/18/2021 16:50
Pentafluorobenzene	**95.9**	91.4 - 114		2/18/2021 16:50
Toluene-D8	**80.8**	73.1 - 120		2/18/2021 16:50

Method Reference(s): EPA 624.1

Data File: x76504.D

The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, tern or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

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Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

1 of 2

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC.

REPORT TO:		INVOICE TO:		LAB PROJECT ID
CLIENT:	GM Components Holdings, LLC	CLIENT:	H&A AP@haleyaldrich.com	210637
ADDRESS:	1000 Lexington Ave	ADDRESS:	200 Town Center Drive Suite 2	Quotation #:
CITY:	Rochester STATE: NY ZIP: 14606	CITY:	Rochester STATE: NY ZIP: 14623	
PHONE:	585-647-4766	PHONE:	(585) 321-4219	Email: gail.finkelstein@gm.com
ATTN:	Erik Anderson, Gail Finkelstein	ATTN:	Claire Mondello Project Ref # 127982-006	erik.anderson@gm.com

PROJECT REFERENCE

GMCH East Side GW Monitoring

Matrix Codes:
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REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	PCBs 608	624 Site Specific	Oil annd Grease	REMARKS	PARADIGM LAB SAMPLE NUMBER
2/17/2021	14:20		X	Groundwater East Side	WW	4	X	X	X	low level PCB DL (0.1 ppb)	01
										624 + cis1,2 DCE	
										email results to Denis Conley	
										dconley@haleyaldrich.com	

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	None Required	☐	None Required	☐
10 day	☐	Batch QC	☐	Basic EDD	☐
Rush 3 day	☐	Category A	☐	NYSDEC EDD	☐
Rush 2 day	☐	Category B	☐		
Rush 1 day	☐				
Other please indicate date needed:	☐	Other please indicate package needed:	☐	Other EDD please indicate EDD needed:	☐

Sampled By — 2-17-2021 14:20 Date/Time

Relinquished By — 2-17-2021 16:44 Date/Time

Received By — 2/17/21 16:44 Date/Time

Received @ Lab By — 2/17/21 16:51 Date/Time

Total Cost:

P.I.F.

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

11°C 2/17/21 16:46

See additional page for sample conditions.

PARADIGM

Chain of Custody Supplement

Client: GM Components Holdings **Completed by:** Glenn Pezzulo

Lab Project ID: 210637 **Date:** 2/17/21

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	X VOA		X
Comments			
Preservation	X VOA		X
Comments	H_2SO_4 added to Oil + Grease before sub-out.		
Chlorine Absent (<0.10 ppm per test strip)	X		X
Comments	VOA 624: Cl neg.		
Holding Time	X		
Comments			
Temperature		X	
Comments	11°C		
Compliant Sample Quantity/Type	X		
Comments			

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

210218003

CHAIN OF CUSTODY

NEC

ADIRONDACK: ELAP ID:

PARADIGM ENVIRONMENTAL SERVICES, INC.

REPORT TO:		INVOICE TO:			
COMPANY:	Paradigm Environmental	COMPANY:	Same	LAB PROJECT #:	CLIENT PROJEC
ADDRESS:		ADDRESS:			
CITY: STATE: ZIP:		CITY: STATE: ZIP:		TURNAROUND TIME: (WORKING DAYS)	
PHONE: FAX:		PHONE: FAX:			STD
PROJECT NAME/SITE NAME:		ATTN:	Reporting	ATTN:	Accounts Payable	☐ 1 ☐ 2 ☐ 3 ☒ 5
		COMMENTS:	Please email results to reporting@paradigmenv.com	Date Due:	2/25/21

Demo 210218003

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	Oil + Grease									REMARKS	PARA SAMPLE
1	12/17/21	14:20		X	210637-01	WW	1	X										
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☐	N ☐
Comments: NOT AES BOTTLES A.T.		
Preservation:	Y ☐	N ☐
Comments:		
Holding Time:	Y ☐	N ☐
Comments:		
Temperature: 3°C	Y ☐	N ☐
Comments:		

Client

Sampled By: 2P — Date/Time: 2/18/21 08:30

Relinquished By — Date/Time

Received By — Date/Time: 2/18/21 2:58pm

Received @ Lab By — Date/Time

Total Cost:

P.I.F. ☐

HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

9 April 2021
File No. 0127982-100

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

Attention: Kelly C. Cloyd, PhD.

Subject: Progress Report No. 7 – March 2021 Reporting Period
Delphi Automotive Systems NYSDEC Site No. HW8-28-064
1000 Lexington Avenue
Rochester, New York

Dear Dr. Cloyd:

Haley & Aldrich of New York (Haley & Aldrich) is submitting this Progress Report on behalf of our client, GM Components Holdings, LLC (GMCH), for activities conducted during the above-noted reporting period under the Order on Consent (Order) Index #B8-0531-98-06. The Order was executed between GMCH and the New York State Department of Environmental Conservation (NYSDEC) on 18 September 2020. This Progress Report provides a summary of project activities conducted since our last update on 9 March 2021.

ACTIVITIES CONDUCTED DURING THE REPORTING PERIOD

The remedial measures installed at the Site including the Building 22 light non-aqueous phase liquid (LNAPL) recovery system, the North Parking Lot groundwater migration control trench (MCT), the Eastside Water Treatment Area (EWTA) Groundwater Recovery and Treatment System (GRTS), Building 1 sub-slab depressurization system (SSDS) and automated LNAPL recovery systems operated throughout the month with the following exception.

- The EWTA GRTS was shut down on 30 March 2021 due to fouling of the air stripper system. On 8 April 2021, the EWTA GRTS was re-started following a cleaning of the system components.

SAMPLING/TESTING RESULTS DURING REPORTING PERIOD

During March 2021, the groundwater volume (in gallons) recovered for treatment and discharge to the Monroe County sewer system under the facility's sewer use permit was:

- Bldg. 22 LNAPL and North Parking Lot MCT: 176,400
- EWTA GRTS: 96,641

Effluent samples were collected at the sewer discharge monitoring points on 11 March 2021. Copies of the laboratory reports are attached for your information.

The total volume of LNAPL recovered from the manual and automated recovery efforts during the reporting period was approximately 22 gallons.

REPORTS AND DELIVERABLES

None during this reporting period.

ACTIVITIES ANTICIPATED FOR UPCOMING REPORTING PERIOD

Project activities anticipated to be completed in April 2021 include:

- The continued operation and maintenance of the groundwater migration control, SSDS and automated LNAPL recovery systems,
- The collection of sewer discharge monitoring samples for compliance with the facility's sewer use permit,
- Receipt of the validation report for laboratory results from the sub-slab vapor and indoor air samples,
- The continued preparation of the Final Engineering Report (FER) as described in the approved Remedial Work Plan (RWP) and,
- Review revisions to the DRAFT Site Management Plan (SMP) with the Department.

GM requests the opportunity to conduct a Teams Meeting with the Department to discuss revisions to the Excavation Work Plan presented in the DRAFT SMP submitted to the Department in November 2020.

If you have any questions concerning this information, please do not hesitate to contact us at 585-359-9000 or via electronic mail at dconley@haleyaldrich.com or cmondello@haleyaldrich.com.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Claire L. Mondello
Claire L. Mondello, CHMM
Program Manager

Denis M. Conley
Denis M. Conley
Senior Associate

c: Julia Kenney, New York State Department of Health
David Pratt, NYSDEC
Dudley Loew, NYSDEC

Carol Stein, USEPA
James Hartnett, GM
Gail Finkelstein, GM
Jennifer Tegen, GM

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

GM Components Holdings, LLC

For Lab Project ID

210938

Referencing

GMCH East Side GW Monitoring

Prepared

Tuesday, March 16, 2021

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210938

Client: **GM Components Holdings, LLC**

Project Reference: GMCH East Side GW Monitoring

Sample Identifier:	Groundwater East Side		
Lab Sample ID:	210938-01	**Date Sampled:**	3/11/2021
Matrix:	Wastewater	**Date Received:**	3/11/2021

Oil and Grease

Analyte	Result	Units	Qualifier	Date Analyzed
Oil & Grease (HEM)	<4.8	mg/L		3/15/2021

Method Reference(s): EPA 1664A
Subcontractor ELAP ID: 10709

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0988	ug/L		3/12/2021 19:04
PCB-1221	< 0.0988	ug/L		3/12/2021 19:04
PCB-1232	< 0.0988	ug/L		3/12/2021 19:04
PCB-1242	< 0.0988	ug/L		3/12/2021 19:04
PCB-1248	< 0.0988	ug/L		3/12/2021 19:04
PCB-1254	< 0.0988	ug/L		3/12/2021 19:04
PCB-1260	< 0.0988	ug/L		3/12/2021 19:04

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**60.4**	31.6 - 98.5		3/12/2021 19:04

Method Reference(s): EPA 608.3
Preparation Date: 3/11/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		3/12/2021 16:53
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		3/12/2021 16:53
1,1,2-Trichloroethane	< 2.00	ug/L		3/12/2021 16:53
1,1-Dichloroethane	< 2.00	ug/L		3/12/2021 16:53
1,1-Dichloroethene	< 2.00	ug/L		3/12/2021 16:53
1,2-Dichlorobenzene	< 2.00	ug/L		3/12/2021 16:53
1,2-Dichloroethane	< 2.00	ug/L		3/12/2021 16:53
1,2-Dichloropropane	< 2.00	ug/L		3/12/2021 16:53
1,3-Dichlorobenzene	< 2.00	ug/L		3/12/2021 16:53

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210938

Client: **GM Components Holdings, LLC**

Project Reference: GMCH East Side GW Monitoring

Sample Identifier:	Groundwater East Side		
Lab Sample ID:	210938-01	**Date Sampled:**	3/11/2021
Matrix:	Wastewater	**Date Received:**	3/11/2021

1,4-Dichlorobenzene	< 2.00	ug/L		3/12/2021 16:53
2-Chloroethyl vinyl Ether	< 5.00	ug/L		3/12/2021 16:53
Benzene	< 1.00	ug/L		3/12/2021 16:53
Bromodichloromethane	< 2.00	ug/L		3/12/2021 16:53
Bromoform	< 5.00	ug/L		3/12/2021 16:53
Bromomethane	< 2.00	ug/L		3/12/2021 16:53
Carbon Tetrachloride	< 2.00	ug/L		3/12/2021 16:53
Chlorobenzene	< 2.00	ug/L		3/12/2021 16:53
Chloroethane	< 2.00	ug/L		3/12/2021 16:53
Chloroform	< 2.00	ug/L		3/12/2021 16:53
Chloromethane	< 2.00	ug/L		3/12/2021 16:53
cis-1,2-Dichloroethene	< 2.00	ug/L		3/12/2021 16:53
cis-1,3-Dichloropropene	< 2.00	ug/L		3/12/2021 16:53
Dibromochloromethane	< 2.00	ug/L		3/12/2021 16:53
Ethylbenzene	< 2.00	ug/L		3/12/2021 16:53
Methylene chloride	< 5.00	ug/L		3/12/2021 16:53
Tetrachloroethene	< 2.00	ug/L		3/12/2021 16:53
Toluene	< 2.00	ug/L		3/12/2021 16:53
trans-1,2-Dichloroethene	< 2.00	ug/L		3/12/2021 16:53
trans-1,3-Dichloropropene	< 2.00	ug/L		3/12/2021 16:53
Trichloroethene	< 2.00	ug/L		3/12/2021 16:53
Trichlorofluoromethane	< 2.00	ug/L		3/12/2021 16:53
Vinyl chloride	**2.13**	ug/L		3/12/2021 16:53

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**99.9**	64 - 142		3/12/2021 16:53
4-Bromofluorobenzene	**80.5**	37.2 - 146		3/12/2021 16:53
Pentafluorobenzene	**91.9**	91.4 - 114		3/12/2021 16:53
Toluene-D8	**94.7**	73.1 - 120		3/12/2021 16:53

Method Reference(s): EPA 624.1

Data File: z00163.D

The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, tern or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

1 of 2

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC

REPORT TO:		INVOICE TO:		LAB PROJECT ID
CLIENT:	GM Components Holdings, LLC	CLIENT:	H&A AP@haleyaldrich.com	210938
ADDRESS:	1000 Lexington Ave	ADDRESS:	200 Town Center Drive Suite 2	Quotation #:
CITY:	Rochester STATE: NY ZIP: 14606	CITY:	Rochester STATE: NY ZIP: 14623	
PHONE:	585-647-4766	PHONE:	(585) 321-4219	Email: gail.finkelstein@gm.com
ATTN:	Erik Anderson, Gail Finkelstein	ATTN:	Claire Mondello Project Ref # 127982-006	erik.anderson@gm.com

PROJECT REFERENCE

GMCH East Side GW Monitoring

Matrix Codes:
AQ - Aqueous Liquid; **NQ** - Non-Aqueous Liquid; **WA** - Water; **WG** - Groundwater; **DW** - Drinking Water; **WW** - Wastewater; **SO** - Soil; **SL** - Sludge; **SD** - Solid; **PT** - Paint; **WP** - Wipe; **CK** - Caulk; **OL** - Oil; **AR** - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	PCBs 608	624 Site Specific	Oil annd Grease	REMARKS	PARADIGM LAB SAMPLE NUMBER
3/11/21	1030		X	Groundwater East Side	WW	4	X	X	X	low level PCB DL (0.1 ppb)	01
										624 + cis1,2 DCE	
										email results to Denis Conley	
										dconley@haleyaldrich.com	

16°C iced started in field mw 3/11/21

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	None Required		None Required	
10 day		Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	
Rush 2 day		Category B			
Rush 1 day					
Other (please indicate date needed: _____)		Other (please indicate package needed: _____)		Other EDD (please indicate EDD needed: _____)	

Sampled By — Date/Time: 3/11/21

Relinquished By — Date/Time: 3/11/21 1210

Total Cost:

Received By — Date/Time: Mail 3/11/21 1223

Received @ Lab By — Date/Time

P.I.F.

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

See additional page for sample conditions.

PARADIGM

Chain of Custody Supplement

Client: GMCH **Completed by:** Mollyrail

Lab Project ID: 210938 **Date:** 3/11/21

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	VOA		X
Comments			
Preservation	VOA		PCB
Comments			
Chlorine Absent (<0.10 ppm per test strip)	X		X
Comments	VOA : Cl⁻ neg.		
Holding Time	X		
Comments			
Temperature	X		
Comments	16°C iced started in field		
Compliant Sample Quantity/Type	X		
Comments			

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

2103 12009

CHAIN OF CUSTODY

ADIRONDACK: ELAP ID: 1

210312009 Demo

REPORT TO:		INVOICE TO: NEC		
COMPANY: Paradigm Environmental		COMPANY: Same	LAB PROJECT #:	CLIENT PROJECT
ADDRESS:		ADDRESS:		
CITY:	STATE: ZIP:	CITY:	STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)
PHONE:	FAX:	PHONE:	FAX:	STD
PROJECT NAME/SITE NAME:	ATTN: Reporting	ATTN: Accounts Payable		☐ 1 ☐ 2 ☐ 3 ☒ 5
	COMMENTS: Please email results to reporting@paradigmenv.com			Date Due: 3/19/21

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	8260									REMARKS	PARADIGM SAMPLE NO.
1	3/11/21	1030		X	210938-01	WW	1	X										
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

****LAB USE ONLY BELOW THIS LINE****

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter		NELAC Compliance	
Container Type:	Comments: NOTES BOTTLES AT	Y ☐	N ☐
Preservation:	Comments:	Y ☐	N ☐
Holding Time:	Comments:	Y ☐	N ☐
Temperature: 6°C	Comments:	Y ☑	N ☐

Client

Sampled By: Molly Nail — Date/Time: 3/12/21 0830

Relinquished By — Date/Time

Received By — Date/Time: 3/12/21 4:16 pm

Received @ Lab By — Date/Time

Total Cost:

P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

GM Components Holdings, LLC

For Lab Project ID

210939

Referencing

GMCH North Side GW Monitoring

Prepared

Wednesday, March 17, 2021

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210939

Client: **GM Components Holdings, LLC**

Project Reference: GMCH North Side GW Monitoring

Sample Identifier:	Groundwater North Side (Combined)		
Lab Sample ID:	210939-01	**Date Sampled:**	3/11/2021
Matrix:	Wastewater	**Date Received:**	3/11/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0983	ug/L		3/12/2021 19:27
PCB-1221	< 0.0983	ug/L		3/12/2021 19:27
PCB-1232	< 0.0983	ug/L		3/12/2021 19:27
PCB-1242	< 0.0983	ug/L		3/12/2021 19:27
PCB-1248	< 0.0983	ug/L		3/12/2021 19:27
PCB-1254	< 0.0983	ug/L		3/12/2021 19:27
PCB-1260	< 0.0983	ug/L		3/12/2021 19:27

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**54.3**	31.6 - 98.5		3/12/2021 19:27

Method Reference(s): EPA 608.3
Preparation Date: 3/11/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		3/15/2021 13:19
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		3/15/2021 13:19
1,1,2-Trichloroethane	< 2.00	ug/L		3/15/2021 13:19
1,1-Dichloroethane	< 2.00	ug/L		3/15/2021 13:19
1,1-Dichloroethene	< 2.00	ug/L		3/15/2021 13:19
1,2-Dichlorobenzene	< 2.00	ug/L		3/15/2021 13:19
1,2-Dichloroethane	< 2.00	ug/L		3/15/2021 13:19
1,2-Dichloropropane	< 2.00	ug/L		3/15/2021 13:19
1,3-Dichlorobenzene	< 2.00	ug/L		3/15/2021 13:19
1,4-Dichlorobenzene	< 2.00	ug/L		3/15/2021 13:19
2-Chloroethyl vinyl Ether	< 5.00	ug/L		3/15/2021 13:19
Benzene	< 1.00	ug/L		3/15/2021 13:19
Bromodichloromethane	< 2.00	ug/L		3/15/2021 13:19
Bromoform	< 5.00	ug/L		3/15/2021 13:19

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 210939

Client: **GM Components Holdings, LLC**

Project Reference: GMCH North Side GW Monitoring

Sample Identifier:	Groundwater North Side (Combined)		
Lab Sample ID:	210939-01	**Date Sampled:**	3/11/2021
Matrix:	Wastewater	**Date Received:**	3/11/2021

Bromomethane	< 2.00	ug/L	3/15/2021	13:19
Carbon Tetrachloride	< 2.00	ug/L	3/15/2021	13:19
Chlorobenzene	< 2.00	ug/L	3/15/2021	13:19
Chloroethane	< 2.00	ug/L	3/15/2021	13:19
Chloroform	< 2.00	ug/L	3/15/2021	13:19
Chloromethane	< 2.00	ug/L	3/15/2021	13:19
cis-1,2-Dichloroethene	< 2.00	ug/L	3/15/2021	13:19
cis-1,3-Dichloropropene	< 2.00	ug/L	3/15/2021	13:19
Dibromochloromethane	< 2.00	ug/L	3/15/2021	13:19
Ethylbenzene	< 2.00	ug/L	3/15/2021	13:19
Methylene chloride	< 5.00	ug/L	3/15/2021	13:19
Tetrachloroethene	< 2.00	ug/L	3/15/2021	13:19
Toluene	< 2.00	ug/L	3/15/2021	13:19
trans-1,2-Dichloroethene	< 2.00	ug/L	3/15/2021	13:19
trans-1,3-Dichloropropene	< 2.00	ug/L	3/15/2021	13:19
Trichloroethene	< 2.00	ug/L	3/15/2021	13:19
Trichlorofluoromethane	< 2.00	ug/L	3/15/2021	13:19
Vinyl chloride	< 2.00	ug/L	3/15/2021	13:19

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**	
1,2-Dichloroethane-d4	**108**	64 - 142		3/15/2021	13:19
4-Bromofluorobenzene	**86.8**	37.2 - 146		3/15/2021	13:19
Pentafluorobenzene	**102**	91.4 - 114		3/15/2021	13:19
Toluene-D8	**105**	73.1 - 120		3/15/2021	13:19

Method Reference(s): EPA 624.1

Data File: z00185.D

The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, tern or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

1082

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT ID
CLIENT:	GM Components Holdings, LLC	CLIENT:	H&A AP@haleyaldrich.com	210939
ADDRESS:	1000 Lexington Ave	ADDRESS:	200 Town Center Drive Suite 2	Quotation #:
CITY:	Rochester STATE: NY ZIP: 14606	CITY:	Rochester STATE: NY ZIP: 14623	
PHONE:	585-647-4766	PHONE:	(585) 321-4219	Email: gail.finkelstein@gm.com
ATTN:	Erik Anderson, Gail Finkelstein	ATTN:	Claire Mondello Project Ref# 127982-006	erik.anderson@gm.com

PROJECT REFERENCE

GMCH North Side GW Monitoring

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	PCBs 608	624 Site Specific	REMARKS	PARADIGM LAB SAMPLE NUMBER
3/11/21	1154		X	Groundwater North Side(Combined)	WW	3	X	X	low level PCB DL (0.1 ppb)	01
									624 + cis-1,2 DCE	
									email results to Denis Conley	
									dconley@haleyaldrich.com	

13°C iced started in field

Turnaround Time		Report Supplements		
Availability contingent upon lab approval; additional fees may apply.				
Standard 5 day	X	None Required		None Required
10 day		Batch QC		Basic EDD
Rush 3 day		Category A		NYSDEC EDD
Rush 2 day		Category B		
Rush 1 day				
Other (please indicate date needed:)		Other (please indicate package needed:)		Other EDD (please indicate EDD needed:)

Sampled By — Date/Time: 3/11/21

Relinquished By — Date/Time: 3/11/21 1210

Received By — Date/Time:

Received @ Lab By — Date/Time: 3/11/21 1225

Total Cost:

P.I.F.

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

See additional page for sample conditions.

PARADIGM

Chain of Custody Supplement

Client: GMMC **Completed by:** MVail

Lab Project ID: 210939 **Date:** 3/11/21

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	VOA		PCB
Comments			
Preservation	VOA		PCB
Comments			
Chlorine Absent (<0.10 ppm per test strip)	X		PCB
Comments	VOA: Cl⁻ neg.		
Holding Time	X		
Comments			
Temperature	X		
Comments	13°C; ind started in field		
Compliant Sample Quantity/Type	X		
Comments			

HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

10 May 2021
File No. 0127982-100

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

Attention: Kelly C. Cloyd, PhD.

Subject: Progress Report No. 8 – April 2021 Reporting Period
Delphi Automotive Systems NYSDEC Site No. hw 8-28-064
1000 Lexington Avenue
Rochester, New York

Dear Dr. Cloyd:

Haley & Aldrich of New York (Haley & Aldrich) is submitting this Progress Report on behalf of our client, GM Components Holdings, LLC (GMCH), for activities conducted during the above-noted reporting period under the Order on Consent (Order) Index #B8-0531-98-06. The Order was executed between GMCH and the New York State Department of Environmental Conservation (NYSDEC) on 18 September 2020. This Progress Report provides a summary of project activities conducted since our last update on 9 April 2021.

ACTIVITIES CONDUCTED DURING THE REPORTING PERIOD

The remedial measures installed at the Site including the Building 22 light non-aqueous phase liquid (LNAPL) recovery system, the North Parking Lot groundwater migration control trench (MCT), the Eastside Water Treatment Area (EWTA) Groundwater Recovery and Treatment System (GRTS), Building 1 sub-slab depressurization system (SSDS) and automated LNAPL recovery systems operated throughout the month with the following exception.

- The EWTA GRTS was shut down on 26 April 2021 due to the failure of a hose coupling on the GAC vessel. The connection was replaced and the EWTA GRTS was re-started on 28 April 2021.

SAMPLING/TESTING RESULTS DURING REPORTING PERIOD

During April 2021, the groundwater volume (in gallons) recovered for treatment and discharge to the Monroe County sewer system under the facility's sewer use permit was:

- Bldg. 22 LNAPL and North Parking Lot MCT: 607,980
- EWTA GRTS: 52,265

Effluent samples were collected at the sewer discharge monitoring points on 15 April 2021. Copies of the laboratory reports are attached for your information.

The total volume of LNAPL recovered from the manual efforts performed on 27 April 2021 and automated recovery pump operations was approximately 33 gallons during the reporting period.

REPORTS AND DELIVERABLES

The data usability summary report with the findings of the review of the ambient and indoor air, and sub-slab vapor samples collected at the Site was received from GHD on 6 May 2021. A copy of the report with a summary of the reported results of the sample analysis and the final laboratory reports are attached for your information.

A summary of the sampling event activities will be included in the Final Engineering Report (FER) currently being prepared for submittal to the Department following the recording of the Environmental Easement (EE) and finalization of the Site Management Plan (SMP).

ACTIVITIES ANTICIPATED FOR UPCOMING REPORTING PERIOD

Project activities anticipated to be completed in May 2021 include:

- The annual groundwater monitoring event is planned for May/June 2021 and GM would like to collect the additional groundwater samples for the analysis of Per and Poly fluoroalkyl Substances (PFAS) and 1,4 – dioxane in accordance with the Emerging Contaminants Sampling Plan submitted to the NYSDEC on 24 February 2021. We request the Department's comments or approval of the work plan to facilitate completion of this task during the upcoming reporting period.
- The continued operation and maintenance of the groundwater migration control, SSDS and automated LNAPL recovery systems,
- The collection of sewer discharge monitoring samples for compliance with the facility's sewer use permit,
- The continued preparation of the Final Engineering Report (FER) as described in the approved Remedial Work Plan (RWP) and,
- Review revisions to the DRAFT Site Management Plan (SMP) with the Department (see below).

GM also requests the opportunity to conduct a Teams Meeting conference call with the Department to discuss proposed revisions to the notification requirements for routine and emergency maintenance activities conducted at the facility presented in the DRAFT SMP submitted to the Department in November 2020.

If you have any questions concerning this information, please do not hesitate to contact us at 585-359-9000 or via electronic mail at dconley@haleyaldrich.com or cmondello@haleyaldrich.com.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Claire L. Mondello

Denis M. Conley

Claire L. Mondello, CHMM
Program Manager

Denis M. Conley
Senior Associate

c: Julia Kenney, New York State Department of Health
David Pratt, NYSDEC
Dudley Loew, NYSDEC
Carol Stein, USEPA
James Hartnett, GM
Gail Finkelstein, GM
Jennifer Tegen, GM

https://haleyaldrich-my.sharepoint.com/personal/dconley_haleyaldrich_com/Documents/Desktop/2021_0507_Monthly Progress Report_April 2021_D2.docx

Memorandum

May 6, 2021

To:	Denis Conley [dconley@haleyaldrich.com]	Ref. No.:	058507-255020
From:	Kathy Willy/cs/293	Tel:	716-205-1942
CC:	Claire Mondello [cmondello@haleyaldrich.com]		

Subject: **Analytical Results and Reduced Validation**
Air Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
February 2021

1. Introduction

This document details a reduced validation of analytical results for air samples collected in support of the Air Monitoring Event at the Delphi Automotive Systems Site #828064 during February 2021. Samples were submitted to Eurofins TestAmerica Laboratories, Inc. located in South Burlington, Vermont. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Standard Level II report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody form, finished report forms, method blank data, and recovery data from laboratory control samples (LCS).

The QA/QC criteria by which these data have been assessed are outlined in the analytical method referenced in Table 3 and applicable guidance from the document entitled:

i) "National Functional Guidelines for Superfund Organic Methods Data Review", EPA-540-R-2016-002, September 2016

This item will subsequently be referred to as the "Guidelines" in this Memorandum.

2. Sample Holding Time and Preservation

The sample holding time criteria for the analyses are summarized in Table 3. Sample chain of custody document and analytical report were used to determine sample holding times. All samples were analyzed within the required holding times.

All samples were properly received and stored by the laboratory. All canisters were within acceptable canister pressure range, indicating the samples were still under vacuum upon receipt.

3. Laboratory Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

All method blank results were non-detect for the compounds of interest, indicating that laboratory contamination was not a factor for this investigation with the exception of a low concentration of ethylbenzene in one method blank. All associated sample results were non-detect and no qualification of the data was required.

Batch canister certification blank results were also reviewed for all samples analyzed for TO-15. No target analytes were detected in the canister blanks.

4. Laboratory Control Sample Analyses

LCS are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects.

For this study, LCS were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

The LCS contained all compounds of interest. All LCS recoveries were within the laboratory control limits, demonstrating acceptable analytical accuracy with the exception of a high recovery of chloromethane in one LCS. All associated sample results were non-detect and would not have been impacted by the indicated high bias.

5. Field QA/QC Samples

Field QA/QC samples were not submitted with this sampling event.

6. Analyte Reporting

The laboratory reported detected results down to the laboratory's method detection limit (MDL) for each analyte. Positive analyte detections less than the reporting limit (RL) but greater than the MDL were qualified as estimated (J) in Table 2 unless qualified otherwise in this memorandum. Non-detect results were presented as non-detect at the RL in Table 2.

7. Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable without qualification.

Table 1

Sample Collection and Analysis Summary
Air Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
February 2021

					Analysis/Parameters
Sample Identification	**Location**	**Matrix**	**Collection Date (mm/dd/yyyy)**	**Collection Time (hr:min)**	**VOCs**
AA01-021621-1100	AA-1	Air	02/16/2021	18:00	x
AA2-021721-0950	AA-2	Air	02/17/2021	17:17	x
AA3-021821-1020	AA-3	Air	02/18/2021	18:20	x
CC60-IA-021721-0908	CC-60	Air	02/17/2021	17:08	x
DD31-IA-021721-1015	DD-31	Air	02/17/2021	17:24	x
E17-IA-021821-0950	E-17	Air	02/18/2021	17:15	x
E17-SV-021821-0950	E-17	Air	02/18/2021	17:15	x
G3-IA-021821-1100	G-3	Air	02/18/2021	17:30	x
G3-SV-021821-1100	G-3	Air	02/18/2021	17:30	x
G29-IA-021821-0925	G-29	Air	02/18/2021	16:40	x
G29-SV-021821-0925	G-29	Air	02/18/2021	15:00	x
HH37-SV-021621-1045	HH-37	Air	02/16/2021	17:45	x
HH37-IA-021621-1045	HH-37	Air	02/16/2021	17:45	x
J41-SV-021821-1112	J-41	Air	02/18/2021	18:12	x
J41-IA-021821-1112	J-41	Air	02/18/2021	16:50	x
KK35-IA-021721-1015	KK-35	Air	02/17/2021	17:30	x
NN58-SV-021721-0855	NN-58	Air	02/17/2021	16:40	x
NN58-IA-021721-0845	NN-58	Air	02/17/2021	16:40	x
SS13-SV-021621-0945	SS-13	Air	02/16/2021	16:07	x
SS13-IA-021621-1130	SS-13	Air	02/16/2021	18:05	x
SS37-SV-021621-1020	SS-37	Air	02/16/2021	17:25	x

Table 1

Sample Collection and Analysis Summary
Air Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
February 2021

					Analysis/Parameters
Sample Identification	**Location**	**Matrix**	**Collection Date (mm/dd/yyyy)**	**Collection Time (hr:min)**	**VOCs**
SS37-IA-021621-1020	SS-37	Air	02/16/2021	17:25	x
VU9-SV-021621-0855	VU-9	Air	02/16/2021	16:55	x
VU9-IA-021621-0855	VU-9	Air	02/16/2021	15:55	x
W25-SV-021821-0840	W-25	Air	02/18/2021	16:00	x
W25-IA-021821-0840	W-25	Air	02/18/2021	15:45	x
YF25-SV-021721-0830	YF-25	Air	02/17/2021	15:35	x
YF25-IA-021721-0830	YF-25	Air	02/17/2021	15:35	x

Notes:

VOCs - Volatile Organic Compounds

Table 2

Analytical Results Summary
Air Monitoring
Delphi Automotivev Systems Site #828064
Rochester, New York
February 2021

Location ID:		AA-1	AA-2	AA-3	CC-60	DD-31
Sample Name:		AA01-021621-1100	AA2-021721-0950	AA3-021821-1020	CC60-IA-021721-0908	DD31-IA-021721-1015
Sample Date:		02/16/2021	02/17/2021	02/18/2021	02/17/2021	02/17/2021
Parameters	**Unit**					
Volatile Organic Compounds						
1,1,1-Trichloroethane	ppbv	0.20 U	0.20 U	0.20 U	0.098 J	0.20 U
1,1,2,2-Tetrachloroethane	ppbv	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,1,2-Trichloroethane	ppbv	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,1-Dichloroethane	ppbv	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,1-Dichloroethene	ppbv	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
1,2,4-Trichlorobenzene	ppbv	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane (Ethylene dibromide)	ppbv	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,2-Dichlorobenzene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,2-Dichloroethane	ppbv	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,2-Dichloropropane	ppbv	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,3-Dichlorobenzene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,4-Dichlorobenzene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
2-Butanone (Methyl ethyl ketone) (MEK)	ppbv	0.35 J	0.27 J	0.31 J	1.1	0.38 J
2-Hexanone	ppbv	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppbv	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Acetone	ppbv	4.0 J	3.2 J	2.0 J	7.7	5.2
Benzene	ppbv	0.19 J	0.21	0.19 J	0.19 J	0.18 J
Bromodichloromethane	ppbv	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Bromoform	ppbv	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Bromomethane (Methyl bromide)	ppbv	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Carbon disulfide	ppbv	0.50 U	0.095 J	0.50 U	0.50 U	0.50 U
Carbon tetrachloride	ppbv	0.079	0.068	0.071	0.071	0.065
Chlorobenzene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Chloroethane	ppbv	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform (Trichloromethane)	ppbv	0.20 U	0.20 U	0.20 U	0.20 U	0.078 J
Chloromethane (Methyl chloride)	ppbv	0.67	0.68	0.70	0.88	0.71

Table 2

Analytical Results Summary
Air Monitoring
Delphi Automotivev Systems Site #828064
Rochester, New York
February 2021

Location ID:		AA-1	AA-2	AA-3	CC-60	DD-31
Sample Name:		AA01-021621-1100	AA2-021721-0950	AA3-021821-1020	CC60-IA-021721-0908	DD31-IA-021721-1015
Sample Date:		02/16/2021	02/17/2021	02/18/2021	02/17/2021	02/17/2021
Parameters	**Unit**					
Volatile Organic Compounds						
cis-1,2-Dichloroethene	ppbv	0.050 U	0.050 U	0.050 U	0.066	0.050 U
cis-1,3-Dichloropropene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Cyclohexane	ppbv	0.20 U	0.20 U	0.20 U	0.090 J	0.20 U
Dibromochloromethane	ppbv	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Dichlorodifluoromethane (CFC-12)	ppbv	0.52	0.50	0.43 J	0.51	0.54
Ethylbenzene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Isopropyl benzene	ppbv	0.20 U	0.20 U	0.20 U	0.051 J	1.4
m&p-Xylenes	ppbv	0.50 U	0.50 U	0.098 J	0.17 J	0.25 J
Methyl tert butyl ether (MTBE)	ppbv	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Methylene chloride	ppbv	0.50 U	0.46 J	0.50 U	0.41 J	0.40 J
o-Xylene	ppbv	0.20 U	0.20 U	0.20 U	0.063 J	0.84
Styrene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Tetrachloroethene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Toluene	ppbv	0.59	0.56	0.19 J	1.9	0.17 J
trans-1,2-Dichloroethene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
trans-1,3-Dichloropropene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Trichloroethene	ppbv	0.037 U	0.19	0.037 U	0.11	0.037 U
Trichlorofluoromethane (CFC-11)	ppbv	0.30	0.26	0.28	0.31	0.40
Trifluorotrichloroethane (CFC-113)	ppbv	0.078 J	0.075 J	0.092 J	0.13 J	0.082 J
Vinyl chloride	ppbv	1.5	0.80	0.70	2.6	0.44
Xylenes (total)	ppbv	0.70 U	0.70 U	0.099 J	0.23 J	1.1
1,1,1-Trichloroethane	µg/m3	1.1 U	1.1 U	1.1 U	0.54 J	1.1 U
1,1,2,2-Tetrachloroethane	µg/m3	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
1,1,2-Trichloroethane	µg/m3	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,1-Dichloroethane	µg/m3	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U
1,1-Dichloroethene	µg/m3	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U

Table 2

Analytical Results Summary
Air Monitoring
Delphi Automotivev Systems Site #828064
Rochester, New York
February 2021

Location ID:		AA-1	AA-2	AA-3	CC-60	DD-31
Sample Name:		AA01-021621-1100	AA2-021721-0950	AA3-021821-1020	CC60-IA-021721-0908	DD31-IA-021721-1015
Sample Date:		02/16/2021	02/17/2021	02/18/2021	02/17/2021	02/17/2021
Parameters	**Unit**					
Volatile Organic Compounds						
1,2,4-Trichlorobenzene	µg/m3	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
1,2-Dibromoethane (Ethylene dibromide)	µg/m3	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,2-Dichlorobenzene	µg/m3	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloroethane	µg/m3	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U
1,2-Dichloropropane	µg/m3	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,3-Dichlorobenzene	µg/m3	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene	µg/m3	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/m3	1.0 J	0.78 J	0.90 J	3.2	1.1 J
2-Hexanone	µg/m3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/m3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Acetone	µg/m3	9.4 J	7.7 J	4.7 J	18	12
Benzene	µg/m3	0.61 J	0.66	0.61 J	0.60 J	0.58 J
Bromodichloromethane	µg/m3	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Bromoform	µg/m3	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
Bromomethane (Methyl bromide)	µg/m3	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U
Carbon disulfide	µg/m3	1.6 U	0.30 J	1.6 U	1.6 U	1.6 U
Carbon tetrachloride	µg/m3	0.50	0.43	0.45	0.44	0.41
Chlorobenzene	µg/m3	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
Chloroethane	µg/m3	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Chloroform (Trichloromethane)	µg/m3	0.98 U	0.98 U	0.98 U	0.98 U	0.38 J
Chloromethane (Methyl chloride)	µg/m3	1.4	1.4	1.4	1.8	1.5
cis-1,2-Dichloroethene	µg/m3	0.20 U	0.20 U	0.20 U	0.26	0.20 U
cis-1,3-Dichloropropene	µg/m3	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U
Cyclohexane	µg/m3	0.69 U	0.69 U	0.69 U	0.31 J	0.69 U
Dibromochloromethane	µg/m3	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
Dichlorodifluoromethane (CFC-12)	µg/m3	2.6	2.5	2.1 J	2.5	2.6

Table 2

Analytical Results Summary
Air Monitoring
Delphi Automotivev Systems Site #828064
Rochester, New York
February 2021

Location ID:		AA-1	AA-2	AA-3	CC-60	DD-31
Sample Name:		AA01-021621-1100	AA2-021721-0950	AA3-021821-1020	CC60-IA-021721-0908	DD31-IA-021721-1015
Sample Date:		02/16/2021	02/17/2021	02/18/2021	02/17/2021	02/17/2021
Parameters	**Unit**					
Volatile Organic Compounds						
Ethylbenzene	µg/m3	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U
Isopropyl benzene	µg/m3	0.98 U	0.98 U	0.98 U	0.25 J	7.0
m&p-Xylenes	µg/m3	2.2 U	2.2 U	0.43 J	0.74 J	1.1 J
Methyl tert butyl ether (MTBE)	µg/m3	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U
Methylene chloride	µg/m3	1.7 U	1.6 J	1.7 U	1.4 J	1.4 J
o-Xylene	µg/m3	0.87 U	0.87 U	0.87 U	0.28 J	3.7
Styrene	µg/m3	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U
Tetrachloroethene	µg/m3	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
Toluene	µg/m3	2.2	2.1	0.72 J	7.0	0.63 J
trans-1,2-Dichloroethene	µg/m3	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
trans-1,3-Dichloropropene	µg/m3	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U
Trichloroethene	µg/m3	0.20 U	1.0	0.20 U	0.59	0.20 U
Trichlorofluoromethane (CFC-11)	µg/m3	1.7	1.4	1.6	1.8	2.2
Trifluorotrichloroethane (CFC-113)	µg/m3	0.60 J	0.58 J	0.70 J	0.97 J	0.63 J
Vinyl chloride	µg/m3	4.0	2.0	1.8	6.7	1.1
Xylenes (total)	µg/m3	3.0 U	3.0 U	0.43 J	1.0 J	4.8

Table 2

Analytical Results Summary
Air Monitoring
Delphi Automotivev Systems Site #828064
Rochester, New York
February 2021

Location ID:		**E-17**	**E-17**	**G-3**	**G-3**
Sample Name:		**E17-IA-021821-0950**	**E17-SV-021821-0950**	**G3-IA-021821-1100**	**G3-SV-021821-1100**
Sample Date:		**02/18/2021**	**02/18/2021**	**02/18/2021**	**02/18/2021**
Parameters	**Unit**				
Volatile Organic Compounds					
1,1,1-Trichloroethane	ppbv	0.20 U	0.20 U	0.20 U	0.092 J
1,1,2,2-Tetrachloroethane	ppbv	0.073 J	0.20 U	0.064 J	0.20 U
1,1,2-Trichloroethane	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
1,1-Dichloroethane	ppbv	0.20 U	0.089 J	0.20 U	0.20 U
1,1-Dichloroethene	ppbv	0.050 U	0.050 U	0.050 U	0.050 U
1,2,4-Trichlorobenzene	ppbv	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane (Ethylene dibromide)	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
1,2-Dichlorobenzene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
1,2-Dichloroethane	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
1,2-Dichloropropane	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
1,3-Dichlorobenzene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
1,4-Dichlorobenzene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
2-Butanone (Methyl ethyl ketone) (MEK)	ppbv	1.1	0.88	0.84	1.7
2-Hexanone	ppbv	0.10 J	0.075 J	0.072 J	0.50 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppbv	0.50 U	0.50 U	0.50 U	0.50 U
Acetone	ppbv	8.4	7.7	4.9	9.1
Benzene	ppbv	0.34	6.1	0.29	0.12 J
Bromodichloromethane	ppbv	0.20 U	0.20 U	0.20 U	0.20
Bromoform	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Bromomethane (Methyl bromide)	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Carbon disulfide	ppbv	0.17 J	0.35 J	0.50 U	1.3
Carbon tetrachloride	ppbv	0.068	0.21	0.067	0.059
Chlorobenzene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Chloroethane	ppbv	0.50 U	0.50 U	0.50 U	0.16 J
Chloroform (Trichloromethane)	ppbv	0.20 U	6.0	0.033 J	1.4
Chloromethane (Methyl chloride)	ppbv	0.68	0.28 J	0.67	0.46 J

Table 2

Analytical Results Summary
Air Monitoring
Delphi Automotivev Systems Site #828064
Rochester, New York
February 2021

Location ID:		**E-17**	**E-17**	**G-3**	**G-3**
Sample Name:		**E17-IA-021821-0950**	**E17-SV-021821-0950**	**G3-IA-021821-1100**	**G3-SV-021821-1100**
Sample Date:		**02/18/2021**	**02/18/2021**	**02/18/2021**	**02/18/2021**
Parameters	**Unit**				
Volatile Organic Compounds					
cis-1,2-Dichloroethene	ppbv	0.097	2.4	0.048 J	0.050 U
cis-1,3-Dichloropropene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Cyclohexane	ppbv	0.26	2.2	0.22	0.20 U
Dibromochloromethane	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Dichlorodifluoromethane (CFC-12)	ppbv	0.46 J	0.45 J	0.46 J	0.64
Ethylbenzene	ppbv	0.073 J	0.57	0.11 J	1.4
Isopropyl benzene	ppbv	0.20 U	0.11 J	0.20 U	0.20 U
m&p-Xylenes	ppbv	0.25 J	4.6	0.31 J	5.1
Methyl tert butyl ether (MTBE)	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Methylene chloride	ppbv	0.50 U	0.50 U	0.44 J	1.1
o-Xylene	ppbv	0.083 J	1.1	0.11 J	1.2
Styrene	ppbv	0.20 U	0.13 J	0.062 J	0.080 J
Tetrachloroethene	ppbv	0.20 U	11	0.20 U	0.096 J
Toluene	ppbv	0.36	6.5	0.34	0.55
trans-1,2-Dichloroethene	ppbv	0.20 U	0.62	0.20 U	0.20 U
trans-1,3-Dichloropropene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Trichloroethene	ppbv	0.17	31	0.088	0.16
Trichlorofluoromethane (CFC-11)	ppbv	0.26	1.1	0.25	0.28
Trifluorotrichloroethane (CFC-113)	ppbv	0.085 J	0.37	0.081 J	0.081 J
Vinyl chloride	ppbv	0.14	1.7	0.14	0.23
Xylenes (total)	ppbv	0.34 J	5.7	0.43 J	6.3
1,1,1-Trichloroethane	µg/m3	1.1 U	1.1 U	1.1 U	0.50 J
1,1,2,2-Tetrachloroethane	µg/m3	0.50 J	1.4 U	0.44 J	1.4 U
1,1,2-Trichloroethane	µg/m3	1.1 U	1.1 U	1.1 U	1.1 U
1,1-Dichloroethane	µg/m3	0.81 U	0.36 J	0.81 U	0.81 U
1,1-Dichloroethene	µg/m3	0.20 U	0.20 U	0.20 U	0.20 U

Table 2

Analytical Results Summary
Air Monitoring
Delphi Automotivev Systems Site #828064
Rochester, New York
February 2021

Location ID:		**E-17**	**E-17**	**G-3**	**G-3**
Sample Name:		**E17-IA-021821-0950**	**E17-SV-021821-0950**	**G3-IA-021821-1100**	**G3-SV-021821-1100**
Sample Date:		**02/18/2021**	**02/18/2021**	**02/18/2021**	**02/18/2021**
Parameters	**Unit**				
Volatile Organic Compounds					
1,2,4-Trichlorobenzene	µg/m3	3.7 U	3.7 U	3.7 U	3.7 U
1,2-Dibromoethane (Ethylene dibromide)	µg/m3	1.5 U	1.5 U	1.5 U	1.5 U
1,2-Dichlorobenzene	µg/m3	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloroethane	µg/m3	0.81 U	0.81 U	0.81 U	0.81 U
1,2-Dichloropropane	µg/m3	0.92 U	0.92 U	0.92 U	0.92 U
1,3-Dichlorobenzene	µg/m3	1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene	µg/m3	1.2 U	1.2 U	1.2 U	1.2 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/m3	3.3	2.6	2.5	5.0
2-Hexanone	µg/m3	0.43 J	0.31 J	0.29 J	2.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/m3	2.0 U	2.0 U	2.0 U	2.0 U
Acetone	µg/m3	20	18	12	22
Benzene	µg/m3	1.1	19	0.94	0.39 J
Bromodichloromethane	µg/m3	1.3 U	1.3 U	1.3 U	1.3
Bromoform	µg/m3	2.1 U	2.1 U	2.1 U	2.1 U
Bromomethane (Methyl bromide)	µg/m3	0.78 U	0.78 U	0.78 U	0.78 U
Carbon disulfide	µg/m3	0.52 J	1.1 J	1.6 U	4.0
Carbon tetrachloride	µg/m3	0.43	1.3	0.42	0.37
Chlorobenzene	µg/m3	0.92 U	0.92 U	0.92 U	0.92 U
Chloroethane	µg/m3	1.3 U	1.3 U	1.3 U	0.43 J
Chloroform (Trichloromethane)	µg/m3	0.98 U	29	0.16 J	6.7
Chloromethane (Methyl chloride)	µg/m3	1.4	0.58 J	1.4	0.96 J
cis-1,2-Dichloroethene	µg/m3	0.38	9.5	0.19 J	0.20 U
cis-1,3-Dichloropropene	µg/m3	0.91 U	0.91 U	0.91 U	0.91 U
Cyclohexane	µg/m3	0.90	7.5	0.74	0.69 U
Dibromochloromethane	µg/m3	1.7 U	1.7 U	1.7 U	1.7 U
Dichlorodifluoromethane (CFC-12)	µg/m3	2.3 J	2.2 J	2.3 J	3.2

Table 2

Analytical Results Summary
Air Monitoring
Delphi Automotivev Systems Site #828064
Rochester, New York
February 2021

Location ID:		**E-17**	**E-17**	**G-3**	**G-3**
Sample Name:		**E17-IA-021821-0950**	**E17-SV-021821-0950**	**G3-IA-021821-1100**	**G3-SV-021821-1100**
Sample Date:		**02/18/2021**	**02/18/2021**	**02/18/2021**	**02/18/2021**
Parameters	**Unit**				
Volatile Organic Compounds					
Ethylbenzene	µg/m3	0.32 J	2.5	0.48 J	5.9
Isopropyl benzene	µg/m3	0.98 U	0.54 J	0.98 U	0.98 U
m&p-Xylenes	µg/m3	1.1 J	20	1.4 J	22
Methyl tert butyl ether (MTBE)	µg/m3	0.72 U	0.72 U	0.72 U	0.72 U
Methylene chloride	µg/m3	1.7 U	1.7 U	1.5 J	3.8
o-Xylene	µg/m3	0.36 J	4.7	0.46 J	5.2
Styrene	µg/m3	0.85 U	0.56 J	0.27 J	0.34 J
Tetrachloroethene	µg/m3	1.4 U	77	1.4 U	0.65 J
Toluene	µg/m3	1.4	24	1.3	2.1
trans-1,2-Dichloroethene	µg/m3	0.79 U	2.4	0.79 U	0.79 U
trans-1,3-Dichloropropene	µg/m3	0.91 U	0.91 U	0.91 U	0.91 U
Trichloroethene	µg/m3	0.93	170	0.47	0.87
Trichlorofluoromethane (CFC-11)	µg/m3	1.4	6.2	1.4	1.6
Trifluorotrichloroethane (CFC-113)	µg/m3	0.65 J	2.9	0.62 J	0.62 J
Vinyl chloride	µg/m3	0.36	4.4	0.35	0.59
Xylenes (total)	µg/m3	1.5 J	25	1.9 J	27

Table 2

Analytical Results Summary
Air Monitoring
Delphi Automotivev Systems Site #828064
Rochester, New York
February 2021

	Location ID:	G-29	G-29	HH-37	HH-37
	Sample Name:	G29-IA-021821-0925	G29-SV-021821-0925	HH37-IA-021621-1045	HH37-SV-021621-1045
	Sample Date:	02/18/2021	02/18/2021	02/16/2021	02/16/2021
Parameters	**Unit**				
Volatile Organic Compounds					
1,1,1-Trichloroethane	ppbv	0.20 U	0.20 U	0.40 U	0.40 U
1,1,2,2-Tetrachloroethane	ppbv	0.045 J	0.20 U	0.40 U	0.40 U
1,1,2-Trichloroethane	ppbv	0.20 U	0.20 U	0.40 U	0.40 U
1,1-Dichloroethane	ppbv	0.20 U	0.20 U	0.40 U	0.40 U
1,1-Dichloroethene	ppbv	0.050 U	0.050 U	0.10 U	0.10 U
1,2,4-Trichlorobenzene	ppbv	0.50 U	0.50 U	1.0 U	1.0 U
1,2-Dibromoethane (Ethylene dibromide)	ppbv	0.20 U	0.20 U	0.40 U	0.40 U
1,2-Dichlorobenzene	ppbv	0.20 U	0.20 U	0.40 U	0.40 U
1,2-Dichloroethane	ppbv	0.20 U	0.20 U	0.40 U	0.40 U
1,2-Dichloropropane	ppbv	0.20 U	0.20 U	0.40 U	0.40 U
1,3-Dichlorobenzene	ppbv	0.20 U	0.20 U	0.40 U	0.40 U
1,4-Dichlorobenzene	ppbv	0.20 U	0.20 U	0.40 U	0.40 U
2-Butanone (Methyl ethyl ketone) (MEK)	ppbv	1.9	1.5	1.1	4.0
2-Hexanone	ppbv	0.28 J	0.19 J	1.0 U	1.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppbv	0.18 J	0.20 J	1.0 U	1.0 U
Acetone	ppbv	5.5	12	8.2 J	61
Benzene	ppbv	0.81	0.48	0.33 J	14
Bromodichloromethane	ppbv	0.20 U	0.20 U	0.40 U	0.40 U
Bromoform	ppbv	0.20 U	0.20 U	0.40 U	0.40 U
Bromomethane (Methyl bromide)	ppbv	0.20 U	0.20 U	0.40 U	0.40 U
Carbon disulfide	ppbv	0.11 J	3.5	1.0 U	2.9
Carbon tetrachloride	ppbv	0.062	0.088	0.058 J	0.084
Chlorobenzene	ppbv	0.20 U	0.20 U	0.40 U	0.40 U
Chloroethane	ppbv	0.50 U	0.50 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ppbv	0.20 U	0.14 J	0.22 J	71
Chloromethane (Methyl chloride)	ppbv	0.62	0.60	0.88 J	1.0 U

Table 2

Analytical Results Summary
Air Monitoring
Delphi Automotivev Systems Site #828064
Rochester, New York
February 2021

Location ID:		G-29	G-29	HH-37	HH-37
Sample Name:		G29-IA-021821-0925	G29-SV-021821-0925	HH37-IA-021621-1045	HH37-SV-021621-1045
Sample Date:		02/18/2021	02/18/2021	02/16/2021	02/16/2021
Parameters	**Unit**				
Volatile Organic Compounds					
cis-1,2-Dichloroethene	ppbv	0.050 U	0.20	0.091 J	0.10 U
cis-1,3-Dichloropropene	ppbv	0.20 U	0.20 U	0.40 U	0.40 U
Cyclohexane	ppbv	0.26	0.25	0.10 J	31
Dibromochloromethane	ppbv	0.20 U	0.20 U	0.40 U	0.40 U
Dichlorodifluoromethane (CFC-12)	ppbv	0.44 J	0.59	0.66 J	2.0
Ethylbenzene	ppbv	0.55	0.63	0.40 U	2.7
Isopropyl benzene	ppbv	0.10 J	0.048 J	2.6	0.53
m&p-Xylenes	ppbv	4.8	3.1	0.55 J	23
Methyl tert butyl ether (MTBE)	ppbv	0.20 U	0.20 U	0.40 U	0.40 U
Methylene chloride	ppbv	0.50 U	0.50 U	1.0 U	1.0 U
o-Xylene	ppbv	0.59	0.70	1.6	6.1
Styrene	ppbv	0.047 J	0.065 J	0.50	0.36 J
Tetrachloroethene	ppbv	0.20 U	0.21	0.075 J	3.1
Toluene	ppbv	0.40	0.88	0.68	28
trans-1,2-Dichloroethene	ppbv	0.20 U	0.20 U	0.40 U	0.40 U
trans-1,3-Dichloropropene	ppbv	0.20 U	0.20 U	0.40 U	0.40 U
Trichloroethene	ppbv	0.089	1.1	0.15	1.3
Trichlorofluoromethane (CFC-11)	ppbv	0.25	0.35	0.43	0.62
Trifluorotrichloroethane (CFC-113)	ppbv	0.080 J	0.12 J	0.084 J	0.40 U
Vinyl chloride	ppbv	0.12	1.2	0.16 U	0.16 U
Xylenes (total)	ppbv	5.4	3.7	2.1	29
1,1,1-Trichloroethane	µg/m3	1.1 U	1.1 U	2.2 U	2.2 U
1,1,2,2-Tetrachloroethane	µg/m3	0.31 J	1.4 U	2.7 U	2.7 U
1,1,2-Trichloroethane	µg/m3	1.1 U	1.1 U	2.2 U	2.2 U
1,1-Dichloroethane	µg/m3	0.81 U	0.81 U	1.6 U	1.6 U
1,1-Dichloroethene	µg/m3	0.20 U	0.20 U	0.40 U	0.40 U

Table 2

Analytical Results Summary
Air Monitoring
Delphi Automotivev Systems Site #828064
Rochester, New York
February 2021

Location ID:		**G-29**	**G-29**	**HH-37**	**HH-37**
Sample Name:		**G29-IA-021821-0925**	**G29-SV-021821-0925**	**HH37-IA-021621-1045**	**HH37-SV-021621-1045**
Sample Date:		**02/18/2021**	**02/18/2021**	**02/16/2021**	**02/16/2021**
Parameters	**Unit**				
Volatile Organic Compounds					
1,2,4-Trichlorobenzene	µg/m3	3.7 U	3.7 U	7.4 U	7.4 U
1,2-Dibromoethane (Ethylene dibromide)	µg/m3	1.5 U	1.5 U	3.1 U	3.1 U
1,2-Dichlorobenzene	µg/m3	1.2 U	1.2 U	2.4 U	2.4 U
1,2-Dichloroethane	µg/m3	0.81 U	0.81 U	1.6 U	1.6 U
1,2-Dichloropropane	µg/m3	0.92 U	0.92 U	1.8 U	1.8 U
1,3-Dichlorobenzene	µg/m3	1.2 U	1.2 U	2.4 U	2.4 U
1,4-Dichlorobenzene	µg/m3	1.2 U	1.2 U	2.4 U	2.4 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/m3	5.7	4.4	3.3	12
2-Hexanone	µg/m3	1.1 J	0.79 J	4.1 U	4.1 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/m3	0.73 J	0.80 J	4.1 U	4.1 U
Acetone	µg/m3	13	29	20 J	150
Benzene	µg/m3	2.6	1.5	1.0 J	43
Bromodichloromethane	µg/m3	1.3 U	1.3 U	2.7 U	2.7 U
Bromoform	µg/m3	2.1 U	2.1 U	4.1 U	4.1 U
Bromomethane (Methyl bromide)	µg/m3	0.78 U	0.78 U	1.6 U	1.6 U
Carbon disulfide	µg/m3	0.33 J	11	3.1 U	9.2
Carbon tetrachloride	µg/m3	0.39	0.56	0.36 J	0.53
Chlorobenzene	µg/m3	0.92 U	0.92 U	1.8 U	1.8 U
Chloroethane	µg/m3	1.3 U	1.3 U	2.6 U	2.6 U
Chloroform (Trichloromethane)	µg/m3	0.98 U	0.67 J	1.1 J	350
Chloromethane (Methyl chloride)	µg/m3	1.3	1.2	1.8 J	2.1 U
cis-1,2-Dichloroethene	µg/m3	0.20 U	0.80	0.36 J	0.40 U
cis-1,3-Dichloropropene	µg/m3	0.91 U	0.91 U	1.8 U	1.8 U
Cyclohexane	µg/m3	0.89	0.85	0.35 J	110
Dibromochloromethane	µg/m3	1.7 U	1.7 U	3.4 U	3.4 U
Dichlorodifluoromethane (CFC-12)	µg/m3	2.2 J	2.9	3.3 J	9.8

Table 2

Analytical Results Summary
Air Monitoring
Delphi Automotivev Systems Site #828064
Rochester, New York
February 2021

	Location ID:	G-29	G-29	HH-37	HH-37
	Sample Name:	G29-IA-021821-0925	G29-SV-021821-0925	HH37-IA-021621-1045	HH37-SV-021621-1045
	Sample Date:	02/18/2021	02/18/2021	02/16/2021	02/16/2021
Parameters	**Unit**				
Volatile Organic Compounds					
Ethylbenzene	µg/m3	2.4	2.7	1.7 U	12
Isopropyl benzene	µg/m3	0.50 J	0.24 J	13	2.6
m&p-Xylenes	µg/m3	21	13	2.4 J	100
Methyl tert butyl ether (MTBE)	µg/m3	0.72 U	0.72 U	1.4 U	1.4 U
Methylene chloride	µg/m3	1.7 U	1.7 U	3.5 U	3.5 U
o-Xylene	µg/m3	2.6	3.0	6.9	26
Styrene	µg/m3	0.20 J	0.28 J	2.1	1.5 J
Tetrachloroethene	µg/m3	1.4 U	1.4	0.51 J	21
Toluene	µg/m3	1.5	3.3	2.5	110
trans-1,2-Dichloroethene	µg/m3	0.79 U	0.79 U	1.6 U	1.6 U
trans-1,3-Dichloropropene	µg/m3	0.91 U	0.91 U	1.8 U	1.8 U
Trichloroethene	µg/m3	0.48	5.9	0.82	7.0
Trichlorofluoromethane (CFC-11)	µg/m3	1.4	2.0	2.4	3.5
Trifluorotrichloroethane (CFC-113)	µg/m3	0.61 J	0.96 J	0.64 J	3.1 U
Vinyl chloride	µg/m3	0.31	3.2	0.40 U	0.40 U
Xylenes (total)	µg/m3	24	16	9.3	130

Table 2

Analytical Results Summary
Air Monitoring
Delphi Automotivev Systems Site #828064
Rochester, New York
February 2021

Location ID:		**J-41**	**J-41**	**KK-35**	**NN-58**
Sample Name:		**J41-IA-021821-1112**	**J41-SV-021821-1112**	**KK35-IA-021721-1015**	**NN58-IA-021721-0845**
Sample Date:		**02/18/2021**	**02/18/2021**	**02/17/2021**	**02/17/2021**
Parameters	**Unit**				
Volatile Organic Compounds					
1,1,1-Trichloroethane	ppbv	0.20 U	0.35	0.20 U	0.20 U
1,1,2,2-Tetrachloroethane	ppbv	0.20 U	0.20 U	6.0	0.20 U
1,1,2-Trichloroethane	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
1,1-Dichloroethane	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
1,1-Dichloroethene	ppbv	0.050 U	0.050 U	0.050 U	0.050 U
1,2,4-Trichlorobenzene	ppbv	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane (Ethylene dibromide)	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
1,2-Dichlorobenzene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
1,2-Dichloroethane	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
1,2-Dichloropropane	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
1,3-Dichlorobenzene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
1,4-Dichlorobenzene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
2-Butanone (Methyl ethyl ketone) (MEK)	ppbv	0.43 J	3.2	0.46 J	0.49 J
2-Hexanone	ppbv	0.50 U	2.1	7.9	0.50 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppbv	0.50 U	0.46 J	0.50 U	0.50 U
Acetone	ppbv	4.7 J	21	3.5 J	4.1 J
Benzene	ppbv	0.26	0.25	0.21	0.19 J
Bromodichloromethane	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Bromoform	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Bromomethane (Methyl bromide)	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Carbon disulfide	ppbv	0.50 U	0.15 J	0.50 U	0.50 U
Carbon tetrachloride	ppbv	0.074	0.061	0.068	0.058
Chlorobenzene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Chloroethane	ppbv	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform (Trichloromethane)	ppbv	0.20 U	0.11 J	0.20 U	0.20 U
Chloromethane (Methyl chloride)	ppbv	0.73	0.35 J	0.65	0.75

Table 2

Analytical Results Summary
Air Monitoring
Delphi Automotivev Systems Site #828064
Rochester, New York
February 2021

Location ID:		**J-41**	**J-41**	**KK-35**	**NN-58**
Sample Name:		**J41-IA-021821-1112**	**J41-SV-021821-1112**	**KK35-IA-021721-1015**	**NN58-IA-021721-0845**
Sample Date:		**02/18/2021**	**02/18/2021**	**02/17/2021**	**02/17/2021**
Parameters	**Unit**				
Volatile Organic Compounds					
cis-1,2-Dichloroethene	ppbv	0.050 U	0.050 U	0.051	0.050 U
cis-1,3-Dichloropropene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Cyclohexane	ppbv	0.20 U	0.23	0.15 J	0.20 U
Dibromochloromethane	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Dichlorodifluoromethane (CFC-12)	ppbv	0.54	0.58	0.48 J	0.49 J
Ethylbenzene	ppbv	0.064 J	0.66	0.10 J	0.20 U
Isopropyl benzene	ppbv	0.20 U	0.054 J	7.0	0.042 J
m&p-Xylenes	ppbv	0.20 J	3.3	0.76	0.11 J
Methyl tert butyl ether (MTBE)	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Methylene chloride	ppbv	0.29 J	0.50 U	0.50 U	0.50 U
o-Xylene	ppbv	0.086 J	0.83	3.8	0.072 J
Styrene	ppbv	0.20 U	0.084 J	0.20 U	0.20 U
Tetrachloroethene	ppbv	0.20 U	5.3	0.092 J	0.20 U
Toluene	ppbv	0.31	0.92	0.28	0.24
trans-1,2-Dichloroethene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
trans-1,3-Dichloropropene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Trichloroethene	ppbv	0.079	4.5	0.051	0.095
Trichlorofluoromethane (CFC-11)	ppbv	0.30	0.28	0.48	0.27
Trifluorotrichloroethane (CFC-113)	ppbv	0.088 J	0.20	0.074 J	0.081 J
Vinyl chloride	ppbv	0.21	0.55	0.43	1.6
Xylenes (total)	ppbv	0.29 J	4.1	4.7	0.18 J
1,1,1-Trichloroethane	µg/m3	1.1 U	1.9	1.1 U	1.1 U
1,1,2,2-Tetrachloroethane	µg/m3	1.4 U	1.4 U	41	1.4 U
1,1,2-Trichloroethane	µg/m3	1.1 U	1.1 U	1.1 U	1.1 U
1,1-Dichloroethane	µg/m3	0.81 U	0.81 U	0.81 U	0.81 U
1,1-Dichloroethene	µg/m3	0.20 U	0.20 U	0.20 U	0.20 U

Table 2

Analytical Results Summary
Air Monitoring
Delphi Automotivev Systems Site #828064
Rochester, New York
February 2021

Location ID:		**J-41**	**J-41**	**KK-35**	**NN-58**
Sample Name:		**J41-IA-021821-1112**	**J41-SV-021821-1112**	**KK35-IA-021721-1015**	**NN58-IA-021721-0845**
Sample Date:		**02/18/2021**	**02/18/2021**	**02/17/2021**	**02/17/2021**
Parameters	**Unit**				
Volatile Organic Compounds					
1,2,4-Trichlorobenzene	µg/m3	3.7 U	3.7 U	3.7 U	3.7 U
1,2-Dibromoethane (Ethylene dibromide)	µg/m3	1.5 U	1.5 U	1.5 U	1.5 U
1,2-Dichlorobenzene	µg/m3	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloroethane	µg/m3	0.81 U	0.81 U	0.81 U	0.81 U
1,2-Dichloropropane	µg/m3	0.92 U	0.92 U	0.92 U	0.92 U
1,3-Dichlorobenzene	µg/m3	1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene	µg/m3	1.2 U	1.2 U	1.2 U	1.2 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/m3	1.3 J	9.3	1.4 J	1.4 J
2-Hexanone	µg/m3	2.0 U	8.5	32	2.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/m3	2.0 U	1.9 J	2.0 U	2.0 U
Acetone	µg/m3	11 J	50	8.3 J	9.7 J
Benzene	µg/m3	0.82	0.79	0.66	0.62 J
Bromodichloromethane	µg/m3	1.3 U	1.3 U	1.3 U	1.3 U
Bromoform	µg/m3	2.1 U	2.1 U	2.1 U	2.1 U
Bromomethane (Methyl bromide)	µg/m3	0.78 U	0.78 U	0.78 U	0.78 U
Carbon disulfide	µg/m3	1.6 U	0.47 J	1.6 U	1.6 U
Carbon tetrachloride	µg/m3	0.47	0.38	0.43	0.37
Chlorobenzene	µg/m3	0.92 U	0.92 U	0.92 U	0.92 U
Chloroethane	µg/m3	1.3 U	1.3 U	1.3 U	1.3 U
Chloroform (Trichloromethane)	µg/m3	0.98 U	0.52 J	0.98 U	0.98 U
Chloromethane (Methyl chloride)	µg/m3	1.5	0.73 J	1.3	1.5
cis-1,2-Dichloroethene	µg/m3	0.20 U	0.20 U	0.20	0.20 U
cis-1,3-Dichloropropene	µg/m3	0.91 U	0.91 U	0.91 U	0.91 U
Cyclohexane	µg/m3	0.69 U	0.78	0.50 J	0.69 U
Dibromochloromethane	µg/m3	1.7 U	1.7 U	1.7 U	1.7 U
Dichlorodifluoromethane (CFC-12)	µg/m3	2.6	2.8	2.4 J	2.4 J

Table 2

Analytical Results Summary
Air Monitoring
Delphi Automotivev Systems Site #828064
Rochester, New York
February 2021

	Location ID:	J-41	J-41	KK-35	NN-58
	Sample Name:	J41-IA-021821-1112	J41-SV-021821-1112	KK35-IA-021721-1015	NN58-IA-021721-0845
	Sample Date:	02/18/2021	02/18/2021	02/17/2021	02/17/2021
Parameters	**Unit**				
Volatile Organic Compounds					
Ethylbenzene	µg/m3	0.28 J	2.9	0.45 J	0.87 U
Isopropyl benzene	µg/m3	0.98 U	0.26 J	34	0.20 J
m&p-Xylenes	µg/m3	0.89 J	14	3.3	0.46 J
Methyl tert butyl ether (MTBE)	µg/m3	0.72 U	0.72 U	0.72 U	0.72 U
Methylene chloride	µg/m3	1.0 J	1.7 U	1.7 U	1.7 U
o-Xylene	µg/m3	0.37 J	3.6	17	0.31 J
Styrene	µg/m3	0.85 U	0.36 J	0.85 U	0.85 U
Tetrachloroethene	µg/m3	1.4 U	36	0.63 J	1.4 U
Toluene	µg/m3	1.2	3.5	1.1	0.90
trans-1,2-Dichloroethene	µg/m3	0.79 U	0.79 U	0.79 U	0.79 U
trans-1,3-Dichloropropene	µg/m3	0.91 U	0.91 U	0.91 U	0.91 U
Trichloroethene	µg/m3	0.42	24	0.27	0.51
Trichlorofluoromethane (CFC-11)	µg/m3	1.7	1.6	2.7	1.5
Trifluorotrichloroethane (CFC-113)	µg/m3	0.67 J	1.6	0.56 J	0.62 J
Vinyl chloride	µg/m3	0.53	1.4	1.1	4.0
Xylenes (total)	µg/m3	1.3 J	18	20	0.77 J

Table 2

Analytical Results Summary
Air Monitoring
Delphi Automotivev Systems Site #828064
Rochester, New York
February 2021

Location ID:		NN-58	SS-13	SS-13	SS-37
Sample Name:		NN58-SV-021721-0855	SS13-IA-021621-1130	SS13-SV-021621-0945	SS37-IA-021621-1020
Sample Date:		02/17/2021	02/16/2021	02/16/2021	02/16/2021
Parameters	**Unit**				
Volatile Organic Compounds					
1,1,1-Trichloroethane	ppbv	0.091 J	0.20 U	0.20 U	0.20 U
1,1,2,2-Tetrachloroethane	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
1,1,2-Trichloroethane	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
1,1-Dichloroethane	ppbv	0.24	0.20 U	0.20 U	0.20 U
1,1-Dichloroethene	ppbv	0.050 U	0.050 U	0.050 U	0.050 U
1,2,4-Trichlorobenzene	ppbv	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane (Ethylene dibromide)	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
1,2-Dichlorobenzene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
1,2-Dichloroethane	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
1,2-Dichloropropane	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
1,3-Dichlorobenzene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
1,4-Dichlorobenzene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
2-Butanone (Methyl ethyl ketone) (MEK)	ppbv	13	0.51	3.4	0.61
2-Hexanone	ppbv	3.1	0.50 U	0.50 U	0.50 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppbv	1.5	0.50 U	0.24 J	0.50 U
Acetone	ppbv	100	3.9 J	77	7.4
Benzene	ppbv	2.1	0.20 J	5.1	0.26
Bromodichloromethane	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Bromoform	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Bromomethane (Methyl bromide)	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Carbon disulfide	ppbv	0.21 J	0.50 U	0.94	0.50 U
Carbon tetrachloride	ppbv	0.046	0.076	0.036	0.066
Chlorobenzene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Chloroethane	ppbv	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform (Trichloromethane)	ppbv	1.3	0.20 U	1.0	0.067 J
Chloromethane (Methyl chloride)	ppbv	0.23 J	0.65	0.42 J	0.67

Table 2

Analytical Results Summary
Air Monitoring
Delphi Automotivev Systems Site #828064
Rochester, New York
February 2021

	Location ID:	NN-58	SS-13	SS-13	SS-37
	Sample Name:	NN58-SV-021721-0855	SS13-IA-021621-1130	SS13-SV-021621-0945	SS37-IA-021621-1020
	Sample Date:	02/17/2021	02/16/2021	02/16/2021	02/16/2021
Parameters	**Unit**				
Volatile Organic Compounds					
cis-1,2-Dichloroethene	ppbv	0.050 U	0.050 U	0.050 U	0.050 U
cis-1,3-Dichloropropene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Cyclohexane	ppbv	13	0.20 U	5.5	0.048 J
Dibromochloromethane	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Dichlorodifluoromethane (CFC-12)	ppbv	0.48 J	0.48 J	0.55	0.53
Ethylbenzene	ppbv	2.5	0.20 U	3.1	0.20 U
Isopropyl benzene	ppbv	0.63	0.37	2.9	0.29
m&p-Xylenes	ppbv	13	0.20 J	14	0.18 J
Methyl tert butyl ether (MTBE)	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Methylene chloride	ppbv	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	ppbv	4.5	0.27	5.2	0.20
Styrene	ppbv	0.20 U	0.20 U	0.42	0.20 U
Tetrachloroethene	ppbv	3.1	0.20 U	6.4	0.20 U
Toluene	ppbv	9.6	0.70	9.4	0.63
trans-1,2-Dichloroethene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
trans-1,3-Dichloropropene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Trichloroethene	ppbv	1.6	0.037 U	5.9	0.037 U
Trichlorofluoromethane (CFC-11)	ppbv	0.29	0.29	0.32	0.29
Trifluorotrichloroethane (CFC-113)	ppbv	0.20 U	0.074 J	0.16 J	0.066 J
Vinyl chloride	ppbv	1.2	1.4	0.078 U	0.75
Xylenes (total)	ppbv	18	0.47 J	19	0.38 J
1,1,1-Trichloroethane	µg/m3	0.49 J	1.1 U	1.1 U	1.1 U
1,1,2,2-Tetrachloroethane	µg/m3	1.4 U	1.4 U	1.4 U	1.4 U
1,1,2-Trichloroethane	µg/m3	1.1 U	1.1 U	1.1 U	1.1 U
1,1-Dichloroethane	µg/m3	0.97	0.81 U	0.81 U	0.81 U
1,1-Dichloroethene	µg/m3	0.20 U	0.20 U	0.20 U	0.20 U

Table 2

Analytical Results Summary
Air Monitoring
Delphi Automotivev Systems Site #828064
Rochester, New York
February 2021

Location ID:		NN-58	SS-13	SS-13	SS-37
Sample Name:		NN58-SV-021721-0855	SS13-IA-021621-1130	SS13-SV-021621-0945	SS37-IA-021621-1020
Sample Date:		02/17/2021	02/16/2021	02/16/2021	02/16/2021
Parameters	**Unit**				
Volatile Organic Compounds					
1,2,4-Trichlorobenzene	µg/m3	3.7 U	3.7 U	3.7 U	3.7 U
1,2-Dibromoethane (Ethylene dibromide)	µg/m3	1.5 U	1.5 U	1.5 U	1.5 U
1,2-Dichlorobenzene	µg/m3	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloroethane	µg/m3	0.81 U	0.81 U	0.81 U	0.81 U
1,2-Dichloropropane	µg/m3	0.92 U	0.92 U	0.92 U	0.92 U
1,3-Dichlorobenzene	µg/m3	1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene	µg/m3	1.2 U	1.2 U	1.2 U	1.2 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/m3	37	1.5	9.9	1.8
2-Hexanone	µg/m3	13	2.0 U	2.0 U	2.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/m3	6.1	2.0 U	0.98 J	2.0 U
Acetone	µg/m3	240	9.2 J	180	18
Benzene	µg/m3	6.6	0.62 J	16	0.83
Bromodichloromethane	µg/m3	1.3 U	1.3 U	1.3 U	1.3 U
Bromoform	µg/m3	2.1 U	2.1 U	2.1 U	2.1 U
Bromomethane (Methyl bromide)	µg/m3	0.78 U	0.78 U	0.78 U	0.78 U
Carbon disulfide	µg/m3	0.65 J	1.6 U	2.9	1.6 U
Carbon tetrachloride	µg/m3	0.29	0.48	0.23	0.42
Chlorobenzene	µg/m3	0.92 U	0.92 U	0.92 U	0.92 U
Chloroethane	µg/m3	1.3 U	1.3 U	1.3 U	1.3 U
Chloroform (Trichloromethane)	µg/m3	6.3	0.98 U	4.9	0.33 J
Chloromethane (Methyl chloride)	µg/m3	0.48 J	1.3	0.86 J	1.4
cis-1,2-Dichloroethene	µg/m3	0.20 U	0.20 U	0.20 U	0.20 U
cis-1,3-Dichloropropene	µg/m3	0.91 U	0.91 U	0.91 U	0.91 U
Cyclohexane	µg/m3	43	0.69 U	19	0.17 J
Dibromochloromethane	µg/m3	1.7 U	1.7 U	1.7 U	1.7 U
Dichlorodifluoromethane (CFC-12)	µg/m3	2.4 J	2.4 J	2.7	2.6

Table 2

Analytical Results Summary
Air Monitoring
Delphi Automotivev Systems Site #828064
Rochester, New York
February 2021

	Location ID:	NN-58	SS-13	SS-13	SS-37
	Sample Name:	NN58-SV-021721-0855	SS13-IA-021621-1130	SS13-SV-021621-0945	SS37-IA-021621-1020
	Sample Date:	02/17/2021	02/16/2021	02/16/2021	02/16/2021
Parameters	**Unit**				
Volatile Organic Compounds					
Ethylbenzene	µg/m3	11	0.87 U	14	0.87 U
Isopropyl benzene	µg/m3	3.1	1.8	14	1.4
m&p-Xylenes	µg/m3	57	0.86 J	60	0.77 J
Methyl tert butyl ether (MTBE)	µg/m3	0.72 U	0.72 U	0.72 U	0.72 U
Methylene chloride	µg/m3	1.7 U	1.7 U	1.7 U	1.7 U
o-Xylene	µg/m3	20	1.2	23	0.89
Styrene	µg/m3	0.85 U	0.85 U	1.8	0.85 U
Tetrachloroethene	µg/m3	21	1.4 U	43	1.4 U
Toluene	µg/m3	36	2.6	35	2.4
trans-1,2-Dichloroethene	µg/m3	0.79 U	0.79 U	0.79 U	0.79 U
trans-1,3-Dichloropropene	µg/m3	0.91 U	0.91 U	0.91 U	0.91 U
Trichloroethene	µg/m3	8.6	0.20 U	32	0.20 U
Trichlorofluoromethane (CFC-11)	µg/m3	1.6	1.7	1.8	1.6
Trifluorotrichloroethane (CFC-113)	µg/m3	1.5 U	0.57 J	1.2 J	0.50 J
Vinyl chloride	µg/m3	3.0	3.6	0.20 U	1.9
Xylenes (total)	µg/m3	77	2.1 J	83	1.7 J

Table 2

Analytical Results Summary
Air Monitoring
Delphi Automotivev Systems Site #828064
Rochester, New York
February 2021

Location ID:		SS-37	VU-9	VU-9	W-25
Sample Name:		SS37-SV-021621-1020	VU9-IA-021621-0855	VU9-SV-021621-0855	W25-IA-021821-0840
Sample Date:		02/16/2021	02/16/2021	02/16/2021	02/18/2021
Parameters	**Unit**				
Volatile Organic Compounds					
1,1,1-Trichloroethane	ppbv	0.20 U	0.20 U	1.6	0.20 U
1,1,2,2-Tetrachloroethane	ppbv	0.20 U	0.20 U	0.20 U	0.074 J
1,1,2-Trichloroethane	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
1,1-Dichloroethane	ppbv	0.20 U	0.20 U	0.12 J	0.20 U
1,1-Dichloroethene	ppbv	0.050 U	0.050 U	0.050 U	0.050 U
1,2,4-Trichlorobenzene	ppbv	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane (Ethylene dibromide)	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
1,2-Dichlorobenzene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
1,2-Dichloroethane	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
1,2-Dichloropropane	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
1,3-Dichlorobenzene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
1,4-Dichlorobenzene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
2-Butanone (Methyl ethyl ketone) (MEK)	ppbv	2.4	1.2	4.5	0.68
2-Hexanone	ppbv	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppbv	0.40 J	0.11 J	0.16 J	0.50 U
Acetone	ppbv	130	29	300	5.5
Benzene	ppbv	2.8	0.38	10	0.36
Bromodichloromethane	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Bromoform	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Bromomethane (Methyl bromide)	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Carbon disulfide	ppbv	0.66	0.50 U	2.5	0.26 J
Carbon tetrachloride	ppbv	0.052	0.075	0.026 J	0.076
Chlorobenzene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Chloroethane	ppbv	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform (Trichloromethane)	ppbv	0.045 J	0.20 U	0.095 J	0.040 J
Chloromethane (Methyl chloride)	ppbv	0.30 J	0.73	0.23 J	0.76

Table 2

Analytical Results Summary
Air Monitoring
Delphi Automotivev Systems Site #828064
Rochester, New York
February 2021

Location ID:		SS-37	VU-9	VU-9	W-25
Sample Name:		SS37-SV-021621-1020	VU9-IA-021621-0855	VU9-SV-021621-0855	W25-IA-021821-0840
Sample Date:		02/16/2021	02/16/2021	02/16/2021	02/18/2021
Parameters	**Unit**				
Volatile Organic Compounds					
cis-1,2-Dichloroethene	ppbv	0.050 U	0.050 U	0.050 U	0.045 J
cis-1,3-Dichloropropene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Cyclohexane	ppbv	5.8	0.069 J	26	0.14 J
Dibromochloromethane	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Dichlorodifluoromethane (CFC-12)	ppbv	0.68	0.63	0.46 J	0.60
Ethylbenzene	ppbv	1.4	0.078 J	5.4	0.31
Isopropyl benzene	ppbv	0.21	0.45	0.49	0.049 J
m&p-Xylenes	ppbv	7.6	0.28 J	29	1.2
Methyl tert butyl ether (MTBE)	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Methylene chloride	ppbv	0.46 J	0.62	0.50 U	0.36 J
o-Xylene	ppbv	2.4	0.28	6.9	0.37
Styrene	ppbv	0.53	0.20 U	0.20 U	0.058 J
Tetrachloroethene	ppbv	2.0	3.1	0.72	0.20 U
Toluene	ppbv	6.6	0.67	21	0.81
trans-1,2-Dichloroethene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
trans-1,3-Dichloropropene	ppbv	0.20 U	0.20 U	0.20 U	0.20 U
Trichloroethene	ppbv	3.9	0.051	1.7	0.096
Trichlorofluoromethane (CFC-11)	ppbv	0.28	0.34	0.24	0.30
Trifluorotrichloroethane (CFC-113)	ppbv	0.086 J	0.081 J	0.70	0.092 J
Vinyl chloride	ppbv	0.078 U	0.65	0.078 U	0.26
Xylenes (total)	ppbv	9.9	0.55 J	37	1.6
1,1,1-Trichloroethane	µg/m3	1.1 U	1.1 U	8.7	1.1 U
1,1,2,2-Tetrachloroethane	µg/m3	1.4 U	1.4 U	1.4 U	0.51 J
1,1,2-Trichloroethane	µg/m3	1.1 U	1.1 U	1.1 U	1.1 U
1,1-Dichloroethane	µg/m3	0.81 U	0.81 U	0.47 J	0.81 U
1,1-Dichloroethene	µg/m3	0.20 U	0.20 U	0.20 U	0.20 U

Table 2

Analytical Results Summary
Air Monitoring
Delphi Automotivev Systems Site #828064
Rochester, New York
February 2021

	Location ID:	SS-37	VU-9	VU-9	W-25
	Sample Name:	SS37-SV-021621-1020	VU9-IA-021621-0855	VU9-SV-021621-0855	W25-IA-021821-0840
	Sample Date:	02/16/2021	02/16/2021	02/16/2021	02/18/2021
Parameters	**Unit**				
Volatile Organic Compounds					
1,2,4-Trichlorobenzene	µg/m3	3.7 U	3.7 U	3.7 U	3.7 U
1,2-Dibromoethane (Ethylene dibromide)	µg/m3	1.5 U	1.5 U	1.5 U	1.5 U
1,2-Dichlorobenzene	µg/m3	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloroethane	µg/m3	0.81 U	0.81 U	0.81 U	0.81 U
1,2-Dichloropropane	µg/m3	0.92 U	0.92 U	0.92 U	0.92 U
1,3-Dichlorobenzene	µg/m3	1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene	µg/m3	1.2 U	1.2 U	1.2 U	1.2 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/m3	7.0	3.5	13	2.0
2-Hexanone	µg/m3	2.0 U	2.0 U	2.0 U	2.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/m3	1.6 J	0.45 J	0.67 J	2.0 U
Acetone	µg/m3	320	70	710	13
Benzene	µg/m3	9.0	1.2	33	1.2
Bromodichloromethane	µg/m3	1.3 U	1.3 U	1.3 U	1.3 U
Bromoform	µg/m3	2.1 U	2.1 U	2.1 U	2.1 U
Bromomethane (Methyl bromide)	µg/m3	0.78 U	0.78 U	0.78 U	0.78 U
Carbon disulfide	µg/m3	2.0	1.6 U	7.7	0.82 J
Carbon tetrachloride	µg/m3	0.32	0.47	0.17 J	0.48
Chlorobenzene	µg/m3	0.92 U	0.92 U	0.92 U	0.92 U
Chloroethane	µg/m3	1.3 U	1.3 U	1.3 U	1.3 U
Chloroform (Trichloromethane)	µg/m3	0.22 J	0.98 U	0.47 J	0.19 J
Chloromethane (Methyl chloride)	µg/m3	0.61 J	1.5	0.48 J	1.6
cis-1,2-Dichloroethene	µg/m3	0.20 U	0.20 U	0.20 U	0.18 J
cis-1,3-Dichloropropene	µg/m3	0.91 U	0.91 U	0.91 U	0.91 U
Cyclohexane	µg/m3	20	0.24 J	89	0.49 J
Dibromochloromethane	µg/m3	1.7 U	1.7 U	1.7 U	1.7 U
Dichlorodifluoromethane (CFC-12)	µg/m3	3.4	3.1	2.3 J	3.0

Table 2

Analytical Results Summary
Air Monitoring
Delphi Automotivev Systems Site #828064
Rochester, New York
February 2021

	Location ID:	SS-37	VU-9	VU-9	W-25
	Sample Name:	SS37-SV-021621-1020	VU9-IA-021621-0855	VU9-SV-021621-0855	W25-IA-021821-0840
	Sample Date:	02/16/2021	02/16/2021	02/16/2021	02/18/2021
Parameters	**Unit**				
Volatile Organic Compounds					
Ethylbenzene	µg/m3	6.3	0.34 J	23	1.4
Isopropyl benzene	µg/m3	1.0	2.2	2.4	0.24 J
m&p-Xylenes	µg/m3	33	1.2 J	130	5.3
Methyl tert butyl ether (MTBE)	µg/m3	0.72 U	0.72 U	0.72 U	0.72 U
Methylene chloride	µg/m3	1.6 J	2.2	1.7 U	1.2 J
o-Xylene	µg/m3	10	1.2	30	1.6
Styrene	µg/m3	2.3	0.85 U	0.85 U	0.25 J
Tetrachloroethene	µg/m3	13	21	4.9	1.4 U
Toluene	µg/m3	25	2.5	79	3.0
trans-1,2-Dichloroethene	µg/m3	0.79 U	0.79 U	0.79 U	0.79 U
trans-1,3-Dichloropropene	µg/m3	0.91 U	0.91 U	0.91 U	0.91 U
Trichloroethene	µg/m3	21	0.27	9.0	0.52
Trichlorofluoromethane (CFC-11)	µg/m3	1.5	1.9	1.4	1.7
Trifluorotrichloroethane (CFC-113)	µg/m3	0.66 J	0.62 J	5.4	0.71 J
Vinyl chloride	µg/m3	0.20 U	1.7	0.20 U	0.66
Xylenes (total)	µg/m3	43	2.4 J	160	6.9

Table 2

Analytical Results Summary
Air Monitoring
Delphi Automotivev Systems Site #828064
Rochester, New York
February 2021

Location ID:		**W-25**	**YF-25**	**YF-25**
Sample Name:		**W25-SV-021821-0840**	**YF25-IA-021721-0830**	**YF25-SV-021721-0830**
Sample Date:		**02/18/2021**	**02/17/2021**	**02/17/2021**
Parameters	**Unit**			
Volatile Organic Compounds				
1,1,1-Trichloroethane	ppbv	0.79	0.20 U	0.20 U
1,1,2,2-Tetrachloroethane	ppbv	0.20 U	0.20 U	0.20 U
1,1,2-Trichloroethane	ppbv	0.20 U	0.20 U	0.20 U
1,1-Dichloroethane	ppbv	0.20 U	0.20 U	0.20 U
1,1-Dichloroethene	ppbv	0.050 U	0.050 U	0.050 U
1,2,4-Trichlorobenzene	ppbv	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane (Ethylene dibromide)	ppbv	0.20 U	0.20 U	0.20 U
1,2-Dichlorobenzene	ppbv	0.20 U	0.20 U	0.20 U
1,2-Dichloroethane	ppbv	0.20 U	0.20 U	0.20 U
1,2-Dichloropropane	ppbv	0.20 U	0.20 U	0.20 U
1,3-Dichlorobenzene	ppbv	0.20 U	0.20 U	0.20 U
1,4-Dichlorobenzene	ppbv	0.20 U	0.20 U	0.20 U
2-Butanone (Methyl ethyl ketone) (MEK)	ppbv	0.31 J	0.96	1.9
2-Hexanone	ppbv	0.089 J	0.50 U	0.048 J
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppbv	0.50 U	0.50 U	0.50 U
Acetone	ppbv	5.8	6.9	47
Benzene	ppbv	0.12 J	0.21	0.36
Bromodichloromethane	ppbv	0.20 U	0.20 U	0.20 U
Bromoform	ppbv	0.20 U	0.20 U	0.20 U
Bromomethane (Methyl bromide)	ppbv	0.20 U	0.20 U	0.20 U
Carbon disulfide	ppbv	0.16 J	0.50 U	0.20 J
Carbon tetrachloride	ppbv	0.062	0.065	0.077
Chlorobenzene	ppbv	0.20 U	0.20 U	0.20 U
Chloroethane	ppbv	0.50 U	0.50 U	0.50 U
Chloroform (Trichloromethane)	ppbv	0.12 J	0.20 U	0.20 U
Chloromethane (Methyl chloride)	ppbv	0.31 J	0.65	0.44 J

Table 2

Analytical Results Summary
Air Monitoring
Delphi Automotivev Systems Site #828064
Rochester, New York
February 2021

Location ID:		**W-25**	**YF-25**	**YF-25**
Sample Name:		**W25-SV-021821-0840**	**YF25-IA-021721-0830**	**YF25-SV-021721-0830**
Sample Date:		**02/18/2021**	**02/17/2021**	**02/17/2021**
Parameters	**Unit**			
Volatile Organic Compounds				
cis-1,2-Dichloroethene	ppbv	1.7	0.050 U	0.075
cis-1,3-Dichloropropene	ppbv	0.20 U	0.20 U	0.20 U
Cyclohexane	ppbv	0.20 U	0.071 J	0.30
Dibromochloromethane	ppbv	0.20 U	0.20 U	0.20 U
Dichlorodifluoromethane (CFC-12)	ppbv	0.68	1.3	1.2
Ethylbenzene	ppbv	0.31	0.12 J	0.28
Isopropyl benzene	ppbv	0.20 U	0.20 U	0.10 J
m&p-Xylenes	ppbv	1.6	0.41 J	1.6
Methyl tert butyl ether (MTBE)	ppbv	0.20 U	0.20 U	0.20 U
Methylene chloride	ppbv	1.2	0.50 U	5.6
o-Xylene	ppbv	0.33	0.12 J	0.44
Styrene	ppbv	0.20 U	0.20 U	0.083 J
Tetrachloroethene	ppbv	0.13 J	0.20 U	0.44
Toluene	ppbv	0.19 J	2.9	1.1
trans-1,2-Dichloroethene	ppbv	0.079 J	0.20 U	0.20 U
trans-1,3-Dichloropropene	ppbv	0.20 U	0.20 U	0.20 U
Trichloroethene	ppbv	72	0.037 U	0.045
Trichlorofluoromethane (CFC-11)	ppbv	0.25	0.25	0.30
Trifluorotrichloroethane (CFC-113)	ppbv	0.082 J	0.081 J	0.20 U
Vinyl chloride	ppbv	0.46	0.90	1.8
Xylenes (total)	ppbv	1.9	0.54 J	2.0
1,1,1-Trichloroethane	µg/m3	4.3	1.1 U	1.1 U
1,1,2,2-Tetrachloroethane	µg/m3	1.4 U	1.4 U	1.4 U
1,1,2-Trichloroethane	µg/m3	1.1 U	1.1 U	1.1 U
1,1-Dichloroethane	µg/m3	0.81 U	0.81 U	0.81 U
1,1-Dichloroethene	µg/m3	0.20 U	0.20 U	0.20 U

Table 2

Analytical Results Summary
Air Monitoring
Delphi Automotivev Systems Site #828064
Rochester, New York
February 2021

Location ID:		**W-25**	**YF-25**	**YF-25**
Sample Name:		**W25-SV-021821-0840**	**YF25-IA-021721-0830**	**YF25-SV-021721-0830**
Sample Date:		**02/18/2021**	**02/17/2021**	**02/17/2021**
Parameters	**Unit**			
Volatile Organic Compounds				
1,2,4-Trichlorobenzene	µg/m3	3.7 U	3.7 U	3.7 U
1,2-Dibromoethane (Ethylene dibromide)	µg/m3	1.5 U	1.5 U	1.5 U
1,2-Dichlorobenzene	µg/m3	1.2 U	1.2 U	1.2 U
1,2-Dichloroethane	µg/m3	0.81 U	0.81 U	0.81 U
1,2-Dichloropropane	µg/m3	0.92 U	0.92 U	0.92 U
1,3-Dichlorobenzene	µg/m3	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene	µg/m3	1.2 U	1.2 U	1.2 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/m3	0.91 J	2.8	5.5
2-Hexanone	µg/m3	0.37 J	2.0 U	0.20 J
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/m3	2.0 U	2.0 U	2.0 U
Acetone	µg/m3	14	16	110
Benzene	µg/m3	0.38 J	0.66	1.2
Bromodichloromethane	µg/m3	1.3 U	1.3 U	1.3 U
Bromoform	µg/m3	2.1 U	2.1 U	2.1 U
Bromomethane (Methyl bromide)	µg/m3	0.78 U	0.78 U	0.78 U
Carbon disulfide	µg/m3	0.50 J	1.6 U	0.63 J
Carbon tetrachloride	µg/m3	0.39	0.41	0.48
Chlorobenzene	µg/m3	0.92 U	0.92 U	0.92 U
Chloroethane	µg/m3	1.3 U	1.3 U	1.3 U
Chloroform (Trichloromethane)	µg/m3	0.61 J	0.98 U	0.98 U
Chloromethane (Methyl chloride)	µg/m3	0.63 J	1.3	0.91 J
cis-1,2-Dichloroethene	µg/m3	6.6	0.20 U	0.30
cis-1,3-Dichloropropene	µg/m3	0.91 U	0.91 U	0.91 U
Cyclohexane	µg/m3	0.69 U	0.25 J	1.0
Dibromochloromethane	µg/m3	1.7 U	1.7 U	1.7 U
Dichlorodifluoromethane (CFC-12)	µg/m3	3.4	6.2	5.7

Table 2

Analytical Results Summary
Air Monitoring
Delphi Automotivev Systems Site #828064
Rochester, New York
February 2021

Location ID:		**W-25**	**YF-25**	**YF-25**
Sample Name:		**W25-SV-021821-0840**	**YF25-IA-021721-0830**	**YF25-SV-021721-0830**
Sample Date:		**02/18/2021**	**02/17/2021**	**02/17/2021**
Parameters	**Unit**			
Volatile Organic Compounds				
Ethylbenzene	µg/m3	1.4	0.51 J	1.2
Isopropyl benzene	µg/m3	0.98 U	0.98 U	0.50 J
m&p-Xylenes	µg/m3	7.0	1.8 J	6.9
Methyl tert butyl ether (MTBE)	µg/m3	0.72 U	0.72 U	0.72 U
Methylene chloride	µg/m3	4.1	1.7 U	19
o-Xylene	µg/m3	1.4	0.53 J	1.9
Styrene	µg/m3	0.85 U	0.85 U	0.35 J
Tetrachloroethene	µg/m3	0.91 J	1.4 U	3.0
Toluene	µg/m3	0.72 J	11	4.3
trans-1,2-Dichloroethene	µg/m3	0.31 J	0.79 U	0.79 U
trans-1,3-Dichloropropene	µg/m3	0.91 U	0.91 U	0.91 U
Trichloroethene	µg/m3	380	0.20 U	0.24
Trichlorofluoromethane (CFC-11)	µg/m3	1.4	1.4	1.7
Trifluorotrichloroethane (CFC-113)	µg/m3	0.63 J	0.62 J	1.5 U
Vinyl chloride	µg/m3	1.2	2.3	4.6
Xylenes (total)	µg/m3	8.4	2.3 J	8.8

Notes:

J - Estimated concentration

U - Not detected at the associated reporting limit

Table 3

Analytical Methods
Air Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
February 2021

Parameter	Method	Matrix	Preservation	Holding Time Collection to Analysis (Days)
Volatile Organic Compounds (VOCs)	TO-15	Air	None	30

Notes:

Method References:

TO-15 - Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, EPA-625/R-96/010b, January 1999

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ANALYTICAL REPORT

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403
Tel: (802)660-1990

Laboratory Job ID: 200-57323-1
Client Project/Site: Site 255 GMCH, SSOW 255020

For:
GHD Services Inc.
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, New York 14304

Attn: Kathleen Willy

Denise D Heckler

Authorized for release by:
2/26/2021 4:59:50 PM

Denise Heckler, Project Manager II
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LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: GHD Services Inc.
Job ID: 200-57323-1
Project/Site: Site 255 GMCH, SSOW 255020

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*3	ISTD response or retention time outside acceptable limits.
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Case Narrative

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Job ID: 200-57323-1

Laboratory: Eurofins TestAmerica, Burlington

Narrative

Job Narrative
200-57323-1

Comments
No additional comments.

Receipt
The samples were received on 2/23/2021 11:00 AM. Unless otherwise noted below, the samples arrived in good condition.

Receipt Exceptions
During the canister pressure check performed upon receipt, it was observed that the following samples were received at an elevated residual vacuum level: SS13-IA-021621-1130 (200-57323-5), SS37-SV-021621-1020 (200-57323-6), AA3-021821-1020 (200-57323-10), G29-SV-021821-0925 (200-57323-22) and G3-IA-021821-1100 (200-57323-25). The associated flow controller was evaluated upon receipt and was found to be within the acceptable flow range as compared to the original set flow rate.

Air Toxics
Method TO-15: Internal standard (ISTD) response for Chlorobenzene-d5 for the following sample was outside acceptance criteria: W25-SV-021821-0840 (200-57323-19). This ISTD does not correspond to any of the requested target compounds; therefore, the data have been reported.

Method TO-15: Internal standard responses were outside of acceptance limits for the following sample: HH37-IA-021621-1045 (200-57323-9). The sample(s) shows evidence of matrix interference.

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

Detection Summary

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: VU9-SV-021621-0855

Lab Sample ID: 200-57323-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.3	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	0.48	J	1.0	0.23	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	5.4		1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	1000	E	12	2.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	7.7		1.6	0.23	ug/m3	1		TO-15	Total/NA
1,1-Dichloroethane	0.47	J	0.81	0.17	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	13		1.5	0.21	ug/m3	1		TO-15	Total/NA
Chloroform	0.47	J	0.98	0.16	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	8.7		1.1	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	89		0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.17	J	0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	33		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	9.0		0.20	0.19	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.67	J	2.0	0.15	ug/m3	1		TO-15	Total/NA
Toluene	79		0.75	0.41	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	4.9		1.4	0.22	ug/m3	1		TO-15	Total/NA
Ethylbenzene	23		0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	130		2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	30		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	160		3.0	0.21	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	2.4		0.98	0.17	ug/m3	1		TO-15	Total/NA
Acetone - DL	710		180	43	ug/m3	15		TO-15	Total/NA
Carbon disulfide - DL	9.8	J	23	3.5	ug/m3	15		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	17	J	22	3.2	ug/m3	15		TO-15	Total/NA
Cyclohexane - DL	71		10	2.4	ug/m3	15		TO-15	Total/NA
Benzene - DL	22		9.6	3.2	ug/m3	15		TO-15	Total/NA
Trichloroethene - DL	4.5		3.0	2.8	ug/m3	15		TO-15	Total/NA
Toluene - DL	62		11	6.2	ug/m3	15		TO-15	Total/NA
Ethylbenzene - DL	23	B	13	4.1	ug/m3	15		TO-15	Total/NA
m,p-Xylene - DL	94		33	6.5	ug/m3	15		TO-15	Total/NA
o-Xylene - DL	25		13	3.1	ug/m3	15		TO-15	Total/NA
Xylene (total) - DL	120		46	3.1	ug/m3	15		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.46	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.23	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.24		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.70		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	420	E	5.0	1.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	2.5		0.50	0.074	ppb v/v	1		TO-15	Total/NA
1,1-Dichloroethane	0.12	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	4.5		0.50	0.072	ppb v/v	1		TO-15	Total/NA
Chloroform	0.095	J	0.20	0.032	ppb v/v	1		TO-15	Total/NA
1,1,1-Trichloroethane	1.6		0.20	0.036	ppb v/v	1		TO-15	Total/NA
Cyclohexane	26		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.026	J	0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	10		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	1.7		0.037	0.035	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.16	J	0.50	0.036	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: VU9-SV-021621-0855 (Continued)

Lab Sample ID: 200-57323-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	21		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.72		0.20	0.033	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	5.4		0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	29		0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	6.9		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	37		0.70	0.048	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.49		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Acetone - DL	300		75	18	ppb v/v	15		TO-15	Total/NA
Carbon disulfide - DL	3.2	J	7.5	1.1	ppb v/v	15		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	5.6	J	7.5	1.1	ppb v/v	15		TO-15	Total/NA
Cyclohexane - DL	21		3.0	0.69	ppb v/v	15		TO-15	Total/NA
Benzene - DL	7.0		3.0	1.0	ppb v/v	15		TO-15	Total/NA
Trichloroethene - DL	0.84		0.56	0.53	ppb v/v	15		TO-15	Total/NA
Toluene - DL	16		3.0	1.7	ppb v/v	15		TO-15	Total/NA
Ethylbenzene - DL	5.3	B	3.0	0.95	ppb v/v	15		TO-15	Total/NA
m,p-Xylene - DL	22		7.5	1.5	ppb v/v	15		TO-15	Total/NA
o-Xylene - DL	5.8		3.0	0.72	ppb v/v	15		TO-15	Total/NA
Xylene (total) - DL	27		11	0.72	ppb v/v	15		TO-15	Total/NA

Client Sample ID: VU9-IA-021621-0855

Lab Sample ID: 200-57323-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	3.1		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.5		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	1.7		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.9		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.62	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	70		12	2.9	ug/m3	1		TO-15	Total/NA
Methylene Chloride	2.2		1.7	0.94	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	3.5		1.5	0.21	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.24	J	0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.47		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	1.2		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.27		0.20	0.19	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.45	J	2.0	0.15	ug/m3	1		TO-15	Total/NA
Toluene	2.5		0.75	0.41	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	21		1.4	0.22	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.34	J	0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.2	J	2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	1.2		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	2.4	J	3.0	0.21	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	2.2		0.98	0.17	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.63		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.73		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.65		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.34		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.081	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	29		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.62		0.50	0.27	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: VU9-IA-021621-0855 (Continued) — Lab Sample ID: 200-57323-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl Ethyl Ketone (2-Butanone)	1.2		0.50	0.072	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.069	J	0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.075		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.38		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.051		0.037	0.035	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.11	J	0.50	0.036	ppb v/v	1		TO-15	Total/NA
Toluene	0.67		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	3.1		0.20	0.033	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.078	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.28	J	0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.28		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.55	J	0.70	0.048	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.45		0.20	0.035	ppb v/v	1		TO-15	Total/NA

Client Sample ID: AA01-021621-1100 — Lab Sample ID: 200-57323-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.6		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.4		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	4.0		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.7		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.60	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	9.4	J	12	2.9	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.0	J	1.5	0.21	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.50		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.61	J	0.64	0.21	ug/m3	1		TO-15	Total/NA
Toluene	2.2		0.75	0.41	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.52		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.67		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	1.5		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.30		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.078	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	4.0	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.35	J	0.50	0.072	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.079		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.19	J	0.20	0.067	ppb v/v	1		TO-15	Total/NA
Toluene	0.59		0.20	0.11	ppb v/v	1		TO-15	Total/NA

Client Sample ID: SS13-SV-021621-0945 — Lab Sample ID: 200-57323-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.7		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	0.86	J	1.0	0.23	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.8		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	1.2	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	520	E	12	2.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	2.9		1.6	0.23	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	9.9		1.5	0.21	ug/m3	1		TO-15	Total/NA
Chloroform	4.9		0.98	0.16	ug/m3	1		TO-15	Total/NA
Cyclohexane	19		0.69	0.16	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SS13-SV-021621-0945 (Continued)

Lab Sample ID: 200-57323-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	0.23		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	16		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	32		0.20	0.19	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.98	J	2.0	0.15	ug/m3	1		TO-15	Total/NA
Toluene	35		0.75	0.41	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	43		1.4	0.22	ug/m3	1		TO-15	Total/NA
Ethylbenzene	14		0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	60		2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	23		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	83		3.0	0.21	ug/m3	1		TO-15	Total/NA
Styrene	1.8		0.85	0.17	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	14		0.98	0.17	ug/m3	1		TO-15	Total/NA
Acetone - DL	180		120	29	ug/m3	10		TO-15	Total/NA
Cyclohexane - DL	10		6.9	1.6	ug/m3	10		TO-15	Total/NA
Benzene - DL	5.6	J	6.4	2.1	ug/m3	10		TO-15	Total/NA
Trichloroethene - DL	14		2.0	1.9	ug/m3	10		TO-15	Total/NA
Toluene - DL	13		7.5	4.1	ug/m3	10		TO-15	Total/NA
Tetrachloroethene - DL	22		14	2.2	ug/m3	10		TO-15	Total/NA
Ethylbenzene - DL	7.2	J B	8.7	2.7	ug/m3	10		TO-15	Total/NA
m,p-Xylene - DL	20	J	22	4.3	ug/m3	10		TO-15	Total/NA
o-Xylene - DL	9.6		8.7	2.1	ug/m3	10		TO-15	Total/NA
Xylene (total) - DL	30		30	2.1	ug/m3	10		TO-15	Total/NA
Isopropylbenzene (cumene) - DL	5.0	J	9.8	1.7	ug/m3	10		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.55		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.42	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.32		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.16	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	220	E	5.0	1.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.94		0.50	0.074	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	3.4		0.50	0.072	ppb v/v	1		TO-15	Total/NA
Chloroform	1.0		0.20	0.032	ppb v/v	1		TO-15	Total/NA
Cyclohexane	5.5		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.036		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	5.1		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	5.9		0.037	0.035	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.24	J	0.50	0.036	ppb v/v	1		TO-15	Total/NA
Toluene	9.4		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	6.4		0.20	0.033	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	3.1		0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	14		0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	5.2		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	19		0.70	0.048	ppb v/v	1		TO-15	Total/NA
Styrene	0.42		0.20	0.040	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	2.9		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Acetone - DL	77		50	12	ppb v/v	10		TO-15	Total/NA
Cyclohexane - DL	3.0		2.0	0.46	ppb v/v	10		TO-15	Total/NA
Benzene - DL	1.8	J	2.0	0.67	ppb v/v	10		TO-15	Total/NA
Trichloroethene - DL	2.6		0.37	0.35	ppb v/v	10		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SS13-SV-021621-0945 (Continued) — Lab Sample ID: 200-57323-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene - DL	3.5		2.0	1.1	ppb v/v	10		TO-15	Total/NA
Tetrachloroethene - DL	3.2		2.0	0.33	ppb v/v	10		TO-15	Total/NA
Ethylbenzene - DL	1.7	J B	2.0	0.63	ppb v/v	10		TO-15	Total/NA
m,p-Xylene - DL	4.6	J	5.0	1.0	ppb v/v	10		TO-15	Total/NA
o-Xylene - DL	2.2		2.0	0.48	ppb v/v	10		TO-15	Total/NA
Xylene (total) - DL	6.8		7.0	0.48	ppb v/v	10		TO-15	Total/NA
Isopropylbenzene (cumene) - DL	1.0	J	2.0	0.35	ppb v/v	10		TO-15	Total/NA

Client Sample ID: SS13-IA-021621-1130 — Lab Sample ID: 200-57323-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.4	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.3		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	3.6		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.7		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.57	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	9.2	J	12	2.9	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.5		1.5	0.21	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.48		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.62	J	0.64	0.21	ug/m3	1		TO-15	Total/NA
Toluene	2.6		0.75	0.41	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.86	J	2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	1.2		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	2.1	J	3.0	0.21	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	1.8		0.98	0.17	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.48	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.65		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	1.4		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.29		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.074	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	3.9	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.51		0.50	0.072	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.076		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.20	J	0.20	0.067	ppb v/v	1		TO-15	Total/NA
Toluene	0.70		0.20	0.11	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.20	J	0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.27		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.47	J	0.70	0.048	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.37		0.20	0.035	ppb v/v	1		TO-15	Total/NA

Client Sample ID: SS37-SV-021621-1020 — Lab Sample ID: 200-57323-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	3.4		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	0.61	J	1.0	0.23	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.5		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.66	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	760	E	12	2.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	2.0		1.6	0.23	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.6	J	1.7	0.94	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	7.0		1.5	0.21	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SS37-SV-021621-1020 (Continued)

Lab Sample ID: 200-57323-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.22	J	0.98	0.16	ug/m3	1		TO-15	Total/NA
Cyclohexane	20		0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.32		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	9.0		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	21		0.20	0.19	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.6	J	2.0	0.15	ug/m3	1		TO-15	Total/NA
Toluene	25		0.75	0.41	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	13		1.4	0.22	ug/m3	1		TO-15	Total/NA
Ethylbenzene	6.3		0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	33		2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	10		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	43		3.0	0.21	ug/m3	1		TO-15	Total/NA
Styrene	2.3		0.85	0.17	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	1.0		0.98	0.17	ug/m3	1		TO-15	Total/NA
Acetone - DL	320		120	29	ug/m3	10		TO-15	Total/NA
Benzene - DL	5.4	J	6.4	2.1	ug/m3	10		TO-15	Total/NA
Trichloroethene - DL	11		2.0	1.9	ug/m3	10		TO-15	Total/NA
Toluene - DL	7.8		7.5	4.1	ug/m3	10		TO-15	Total/NA
Tetrachloroethene - DL	9.2	J	14	2.2	ug/m3	10		TO-15	Total/NA
o-Xylene - DL	6.1	J	8.7	2.1	ug/m3	10		TO-15	Total/NA
Xylene (total) - DL	6.1	J	30	2.1	ug/m3	10		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.68		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.30	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.28		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.086	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	320	E	5.0	1.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.66		0.50	0.074	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.46	J	0.50	0.27	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	2.4		0.50	0.072	ppb v/v	1		TO-15	Total/NA
Chloroform	0.045	J	0.20	0.032	ppb v/v	1		TO-15	Total/NA
Cyclohexane	5.8		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.052		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	2.8		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	3.9		0.037	0.035	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.40	J	0.50	0.036	ppb v/v	1		TO-15	Total/NA
Toluene	6.6		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	2.0		0.20	0.033	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	1.4		0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	7.6		0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	2.4		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	9.9		0.70	0.048	ppb v/v	1		TO-15	Total/NA
Styrene	0.53		0.20	0.040	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.21		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Acetone - DL	130		50	12	ppb v/v	10		TO-15	Total/NA
Benzene - DL	1.7	J	2.0	0.67	ppb v/v	10		TO-15	Total/NA
Trichloroethene - DL	2.0		0.37	0.35	ppb v/v	10		TO-15	Total/NA
Toluene - DL	2.1		2.0	1.1	ppb v/v	10		TO-15	Total/NA
Tetrachloroethene - DL	1.4	J	2.0	0.33	ppb v/v	10		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SS37-SV-021621-1020 (Continued) — Lab Sample ID: 200-57323-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
o-Xylene - DL	1.4	J	2.0	0.48	ppb v/v	10		TO-15	Total/NA
Xylene (total) - DL	1.4	J	7.0	0.48	ppb v/v	10		TO-15	Total/NA

Client Sample ID: SS37-IA-021621-1020 — Lab Sample ID: 200-57323-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.6		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.4		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	1.9		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.6		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.50	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	18		12	2.9	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.8		1.5	0.21	ug/m3	1		TO-15	Total/NA
Chloroform	0.33	J	0.98	0.16	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.17	J	0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.42		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.83		0.64	0.21	ug/m3	1		TO-15	Total/NA
Toluene	2.4		0.75	0.41	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.77	J	2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	0.89		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	1.7	J	3.0	0.21	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	1.4		0.98	0.17	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.53		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.67		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.75		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.29		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.066	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	7.4		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.61		0.50	0.072	ppb v/v	1		TO-15	Total/NA
Chloroform	0.067	J	0.20	0.032	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.048	J	0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.066		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.26		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Toluene	0.63		0.20	0.11	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.18	J	0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.20		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.38	J	0.70	0.048	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.29		0.20	0.035	ppb v/v	1		TO-15	Total/NA

Client Sample ID: HH37-SV-021621-1045 — Lab Sample ID: 200-57323-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	9.8		4.9	1.1	ug/m3	2		TO-15	Total/NA
Trichlorofluoromethane	3.5		2.2	0.67	ug/m3	2		TO-15	Total/NA
Acetone	150		24	5.7	ug/m3	2		TO-15	Total/NA
Carbon disulfide	9.2		3.1	0.46	ug/m3	2		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	12		2.9	0.42	ug/m3	2		TO-15	Total/NA
Chloroform	350		2.0	0.31	ug/m3	2		TO-15	Total/NA
Cyclohexane	110		1.4	0.32	ug/m3	2		TO-15	Total/NA
Carbon tetrachloride	0.53		0.44	0.30	ug/m3	2		TO-15	Total/NA
Benzene	43		1.3	0.43	ug/m3	2		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: HH37-SV-021621-1045 (Continued)

Lab Sample ID: 200-57323-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	7.0		0.40	0.38	ug/m3	2		TO-15	Total/NA
Toluene	110		1.5	0.83	ug/m3	2		TO-15	Total/NA
Tetrachloroethene	21		2.7	0.45	ug/m3	2		TO-15	Total/NA
Ethylbenzene	12		1.7	0.55	ug/m3	2		TO-15	Total/NA
m,p-Xylene	100		4.3	0.87	ug/m3	2		TO-15	Total/NA
o-Xylene	26		1.7	0.42	ug/m3	2		TO-15	Total/NA
Xylene (total)	130		6.1	0.42	ug/m3	2		TO-15	Total/NA
Styrene	1.5	J	1.7	0.34	ug/m3	2		TO-15	Total/NA
Isopropylbenzene (cumene)	2.6		2.0	0.34	ug/m3	2		TO-15	Total/NA
Dichlorodifluoromethane - DL	9.5	J	25	5.4	ug/m3	10		TO-15	Total/NA
Acetone - DL	140		120	29	ug/m3	10		TO-15	Total/NA
Carbon disulfide - DL	8.8	J	16	2.3	ug/m3	10		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	9.5	J	15	2.1	ug/m3	10		TO-15	Total/NA
Chloroform - DL	330		9.8	1.6	ug/m3	10		TO-15	Total/NA
Cyclohexane - DL	98		6.9	1.6	ug/m3	10		TO-15	Total/NA
Benzene - DL	40		6.4	2.1	ug/m3	10		TO-15	Total/NA
Trichloroethene - DL	6.1		2.0	1.9	ug/m3	10		TO-15	Total/NA
Toluene - DL	98		7.5	4.1	ug/m3	10		TO-15	Total/NA
Tetrachloroethene - DL	20		14	2.2	ug/m3	10		TO-15	Total/NA
Ethylbenzene - DL	11		8.7	2.7	ug/m3	10		TO-15	Total/NA
m,p-Xylene - DL	90		22	4.3	ug/m3	10		TO-15	Total/NA
o-Xylene - DL	23		8.7	2.1	ug/m3	10		TO-15	Total/NA
Xylene (total) - DL	110		30	2.1	ug/m3	10		TO-15	Total/NA
Isopropylbenzene (cumene) - DL	2.3	J	9.8	1.7	ug/m3	10		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.0		1.0	0.22	ppb v/v	2		TO-15	Total/NA
Trichlorofluoromethane	0.62		0.40	0.12	ppb v/v	2		TO-15	Total/NA
Acetone	61		10	2.4	ppb v/v	2		TO-15	Total/NA
Carbon disulfide	2.9		1.0	0.15	ppb v/v	2		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	4.0		1.0	0.14	ppb v/v	2		TO-15	Total/NA
Chloroform	71		0.40	0.064	ppb v/v	2		TO-15	Total/NA
Cyclohexane	31		0.40	0.092	ppb v/v	2		TO-15	Total/NA
Carbon tetrachloride	0.084		0.070	0.048	ppb v/v	2		TO-15	Total/NA
Benzene	14		0.40	0.13	ppb v/v	2		TO-15	Total/NA
Trichloroethene	1.3		0.074	0.070	ppb v/v	2		TO-15	Total/NA
Toluene	28		0.40	0.22	ppb v/v	2		TO-15	Total/NA
Tetrachloroethene	3.1		0.40	0.066	ppb v/v	2		TO-15	Total/NA
Ethylbenzene	2.7		0.40	0.13	ppb v/v	2		TO-15	Total/NA
m,p-Xylene	23		1.0	0.20	ppb v/v	2		TO-15	Total/NA
o-Xylene	6.1		0.40	0.096	ppb v/v	2		TO-15	Total/NA
Xylene (total)	29		1.4	0.096	ppb v/v	2		TO-15	Total/NA
Styrene	0.36	J	0.40	0.080	ppb v/v	2		TO-15	Total/NA
Isopropylbenzene (cumene)	0.53		0.40	0.070	ppb v/v	2		TO-15	Total/NA
Dichlorodifluoromethane - DL	1.9	J	5.0	1.1	ppb v/v	10		TO-15	Total/NA
Acetone - DL	60		50	12	ppb v/v	10		TO-15	Total/NA
Carbon disulfide - DL	2.8	J	5.0	0.74	ppb v/v	10		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	3.2	J	5.0	0.72	ppb v/v	10		TO-15	Total/NA
Chloroform - DL	68		2.0	0.32	ppb v/v	10		TO-15	Total/NA
Cyclohexane - DL	28		2.0	0.46	ppb v/v	10		TO-15	Total/NA
Benzene - DL	13		2.0	0.67	ppb v/v	10		TO-15	Total/NA
Trichloroethene - DL	1.1		0.37	0.35	ppb v/v	10		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: HH37-SV-021621-1045 (Continued)

Lab Sample ID: 200-57323-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene - DL	26		2.0	1.1	ppb v/v	10		TO-15	Total/NA
Tetrachloroethene - DL	2.9		2.0	0.33	ppb v/v	10		TO-15	Total/NA
Ethylbenzene - DL	2.4		2.0	0.63	ppb v/v	10		TO-15	Total/NA
m,p-Xylene - DL	21		5.0	1.0	ppb v/v	10		TO-15	Total/NA
o-Xylene - DL	5.4		2.0	0.48	ppb v/v	10		TO-15	Total/NA
Xylene (total) - DL	26		7.0	0.48	ppb v/v	10		TO-15	Total/NA
Isopropylbenzene (cumene) - DL	0.46	J	2.0	0.35	ppb v/v	10		TO-15	Total/NA

Client Sample ID: HH37-IA-021621-1045

Lab Sample ID: 200-57323-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	3.3	J *3	4.9	1.1	ug/m3	2		TO-15	Total/NA
Chloromethane	1.8	J *3	2.1	0.45	ug/m3	2		TO-15	Total/NA
Trichlorofluoromethane	2.4	*3	2.2	0.67	ug/m3	2		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.64	J *3	3.1	0.58	ug/m3	2		TO-15	Total/NA
Acetone	20	J *3	24	5.7	ug/m3	2		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	3.3	*3	2.9	0.42	ug/m3	2		TO-15	Total/NA
cis-1,2-Dichloroethene	0.36	J *3	0.40	0.36	ug/m3	2		TO-15	Total/NA
Chloroform	1.1	J *3	2.0	0.31	ug/m3	2		TO-15	Total/NA
Cyclohexane	0.35	J	1.4	0.32	ug/m3	2		TO-15	Total/NA
Carbon tetrachloride	0.36	J	0.44	0.30	ug/m3	2		TO-15	Total/NA
Benzene	1.0	J	1.3	0.43	ug/m3	2		TO-15	Total/NA
Trichloroethene	0.82		0.40	0.38	ug/m3	2		TO-15	Total/NA
Toluene	2.5		1.5	0.83	ug/m3	2		TO-15	Total/NA
Tetrachloroethene	0.51	J	2.7	0.45	ug/m3	2		TO-15	Total/NA
m,p-Xylene	2.4	J	4.3	0.87	ug/m3	2		TO-15	Total/NA
o-Xylene	6.9		1.7	0.42	ug/m3	2		TO-15	Total/NA
o-Xylene	6.8	J	8.7	2.1	ug/m3	10		TO-15	Total/NA
Xylene (total)	9.3		6.1	0.42	ug/m3	2		TO-15	Total/NA
Xylene (total)	6.8	J	30	2.1	ug/m3	10		TO-15	Total/NA
Styrene	2.1		1.7	0.34	ug/m3	2		TO-15	Total/NA
Styrene	2.1	J	8.5	1.7	ug/m3	10		TO-15	Total/NA
Isopropylbenzene (cumene)	13		2.0	0.34	ug/m3	2		TO-15	Total/NA
Isopropylbenzene (cumene)	14		9.8	1.7	ug/m3	10		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.66	J *3	1.0	0.22	ppb v/v	2		TO-15	Total/NA
Chloromethane	0.88	J *3	1.0	0.22	ppb v/v	2		TO-15	Total/NA
Trichlorofluoromethane	0.43	*3	0.40	0.12	ppb v/v	2		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.084	J *3	0.40	0.076	ppb v/v	2		TO-15	Total/NA
Acetone	8.2	J *3	10	2.4	ppb v/v	2		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.1	*3	1.0	0.14	ppb v/v	2		TO-15	Total/NA
cis-1,2-Dichloroethene	0.091	J *3	0.10	0.090	ppb v/v	2		TO-15	Total/NA
Chloroform	0.22	J *3	0.40	0.064	ppb v/v	2		TO-15	Total/NA
Cyclohexane	0.10	J	0.40	0.092	ppb v/v	2		TO-15	Total/NA
Carbon tetrachloride	0.058	J	0.070	0.048	ppb v/v	2		TO-15	Total/NA
Benzene	0.33	J	0.40	0.13	ppb v/v	2		TO-15	Total/NA
Trichloroethene	0.15		0.074	0.070	ppb v/v	2		TO-15	Total/NA
Toluene	0.68		0.40	0.22	ppb v/v	2		TO-15	Total/NA
Tetrachloroethene	0.075	J	0.40	0.066	ppb v/v	2		TO-15	Total/NA
m,p-Xylene	0.55	J	1.0	0.20	ppb v/v	2		TO-15	Total/NA
o-Xylene	1.6		0.40	0.096	ppb v/v	2		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: HH37-IA-021621-1045 (Continued) — Lab Sample ID: 200-57323-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
o-Xylene	1.6	J	2.0	0.48	ppb v/v	10		TO-15	Total/NA
Xylene (total)	2.1		1.4	0.096	ppb v/v	2		TO-15	Total/NA
Xylene (total)	1.6	J	7.0	0.48	ppb v/v	10		TO-15	Total/NA
Styrene	0.50		0.40	0.080	ppb v/v	2		TO-15	Total/NA
Styrene	0.50	J	2.0	0.40	ppb v/v	10		TO-15	Total/NA
Isopropylbenzene (cumene)	2.6		0.40	0.070	ppb v/v	2		TO-15	Total/NA
Isopropylbenzene (cumene)	2.8		2.0	0.35	ppb v/v	10		TO-15	Total/NA

Client Sample ID: AA3-021821-1020 — Lab Sample ID: 200-57323-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.1	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.4		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	1.8		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.6		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.70	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	4.7	J	12	2.9	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.90	J	1.5	0.21	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.45		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.61	J	0.64	0.21	ug/m3	1		TO-15	Total/NA
Toluene	0.72	J	0.75	0.41	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.43	J	2.2	0.43	ug/m3	1		TO-15	Total/NA
Xylene (total)	0.43	J	3.0	0.21	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.43	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.70		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.70		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.28		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.092	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	2.0	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.31	J	0.50	0.072	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.071		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.19	J	0.20	0.067	ppb v/v	1		TO-15	Total/NA
Toluene	0.19	J	0.20	0.11	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.098	J	0.50	0.10	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.099	J	0.70	0.048	ppb v/v	1		TO-15	Total/NA

Client Sample ID: YF25-SV-021721-0830 — Lab Sample ID: 200-57323-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	5.7		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	0.91	J	1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	4.6		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.7		1.1	0.34	ug/m3	1		TO-15	Total/NA
Acetone	130	E	12	2.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.63	J	1.6	0.23	ug/m3	1		TO-15	Total/NA
Methylene Chloride	19		1.7	0.94	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	5.5		1.5	0.21	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.30		0.20	0.18	ug/m3	1		TO-15	Total/NA
Cyclohexane	1.0		0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.48		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	1.2		0.64	0.21	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: YF25-SV-021721-0830 (Continued)

Lab Sample ID: 200-57323-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.24		0.20	0.19	ug/m3	1		TO-15	Total/NA
Toluene	4.3		0.75	0.41	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	3.0		1.4	0.22	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.20	J	2.0	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.2		0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	6.9		2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	1.9		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	8.8		3.0	0.21	ug/m3	1		TO-15	Total/NA
Styrene	0.35	J	0.85	0.17	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.50	J	0.98	0.17	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane - DL	6.1		4.9	1.1	ug/m3	2		TO-15	Total/NA
Chloromethane - DL	0.82	J	2.1	0.45	ug/m3	2		TO-15	Total/NA
Vinyl chloride - DL	4.2		0.40	0.22	ug/m3	2		TO-15	Total/NA
Trichlorofluoromethane - DL	1.5	J	2.2	0.67	ug/m3	2		TO-15	Total/NA
Acetone - DL	110		24	5.7	ug/m3	2		TO-15	Total/NA
Carbon disulfide - DL	0.53	J	3.1	0.46	ug/m3	2		TO-15	Total/NA
Methylene Chloride - DL	18		3.5	1.9	ug/m3	2		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	4.8		2.9	0.42	ug/m3	2		TO-15	Total/NA
Cyclohexane - DL	0.89	J	1.4	0.32	ug/m3	2		TO-15	Total/NA
Carbon tetrachloride - DL	0.39	J	0.44	0.30	ug/m3	2		TO-15	Total/NA
Benzene - DL	1.1	J	1.3	0.43	ug/m3	2		TO-15	Total/NA
Toluene - DL	4.0		1.5	0.83	ug/m3	2		TO-15	Total/NA
Tetrachloroethene - DL	2.8		2.7	0.45	ug/m3	2		TO-15	Total/NA
Ethylbenzene - DL	1.1	J	1.7	0.55	ug/m3	2		TO-15	Total/NA
m,p-Xylene - DL	6.3		4.3	0.87	ug/m3	2		TO-15	Total/NA
o-Xylene - DL	1.7		1.7	0.42	ug/m3	2		TO-15	Total/NA
Xylene (total) - DL	8.0		6.1	0.42	ug/m3	2		TO-15	Total/NA
Isopropylbenzene (cumene) - DL	0.46	J	2.0	0.34	ug/m3	2		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	1.2		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.44	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	1.8		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.30		0.20	0.060	ppb v/v	1		TO-15	Total/NA
Acetone	56	E	5.0	1.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.20	J	0.50	0.074	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	5.6		0.50	0.27	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.9		0.50	0.072	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.075		0.050	0.045	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.30		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.077		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.36		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.045		0.037	0.035	ppb v/v	1		TO-15	Total/NA
Toluene	1.1		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.44		0.20	0.033	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.048	J	0.50	0.048	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.28		0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	1.6		0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.44		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	2.0		0.70	0.048	ppb v/v	1		TO-15	Total/NA
Styrene	0.083	J	0.20	0.040	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.10	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: YF25-SV-021721-0830 (Continued) — Lab Sample ID: 200-57323-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane - DL	1.2		1.0	0.22	ppb v/v	2		TO-15	Total/NA
Chloromethane - DL	0.40	J	1.0	0.22	ppb v/v	2		TO-15	Total/NA
Vinyl chloride - DL	1.7		0.16	0.088	ppb v/v	2		TO-15	Total/NA
Trichlorofluoromethane - DL	0.26	J	0.40	0.12	ppb v/v	2		TO-15	Total/NA
Acetone - DL	47		10	2.4	ppb v/v	2		TO-15	Total/NA
Carbon disulfide - DL	0.17	J	1.0	0.15	ppb v/v	2		TO-15	Total/NA
Methylene Chloride - DL	5.1		1.0	0.54	ppb v/v	2		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	1.6		1.0	0.14	ppb v/v	2		TO-15	Total/NA
Cyclohexane - DL	0.26	J	0.40	0.092	ppb v/v	2		TO-15	Total/NA
Carbon tetrachloride - DL	0.062	J	0.070	0.048	ppb v/v	2		TO-15	Total/NA
Benzene - DL	0.36	J	0.40	0.13	ppb v/v	2		TO-15	Total/NA
Toluene - DL	1.1		0.40	0.22	ppb v/v	2		TO-15	Total/NA
Tetrachloroethene - DL	0.41		0.40	0.066	ppb v/v	2		TO-15	Total/NA
Ethylbenzene - DL	0.26	J	0.40	0.13	ppb v/v	2		TO-15	Total/NA
m,p-Xylene - DL	1.4		1.0	0.20	ppb v/v	2		TO-15	Total/NA
o-Xylene - DL	0.40		0.40	0.096	ppb v/v	2		TO-15	Total/NA
Xylene (total) - DL	1.8		1.4	0.096	ppb v/v	2		TO-15	Total/NA
Isopropylbenzene (cumene) - DL	0.093	J	0.40	0.070	ppb v/v	2		TO-15	Total/NA

Client Sample ID: YF25-IA-021721-0830 — Lab Sample ID: 200-57323-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	6.2		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.3		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	2.3		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.62	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	16		12	2.9	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	2.8		1.5	0.21	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.25	J	0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.41		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.66		0.64	0.21	ug/m3	1		TO-15	Total/NA
Toluene	11		0.75	0.41	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.51	J	0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.8	J	2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	0.53	J	0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	2.3	J	3.0	0.21	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	1.3		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.65		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.90		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.25		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.081	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	6.9		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.96		0.50	0.072	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.071	J	0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.065		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.21		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Toluene	2.9		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.12	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.41	J	0.50	0.10	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: YF25-IA-021721-0830 (Continued)

Lab Sample ID: 200-57323-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
o-Xylene	0.12	J	0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.54	J	0.70	0.048	ppb v/v	1		TO-15	Total/NA

Client Sample ID: NN58-SV-021721-0855

Lab Sample ID: 200-57323-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.4	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	0.48	J	1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	3.0		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.6		1.1	0.34	ug/m3	1		TO-15	Total/NA
Acetone	230	E	12	2.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.65	J	1.6	0.23	ug/m3	1		TO-15	Total/NA
1,1-Dichloroethane	0.97		0.81	0.17	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	37		1.5	0.21	ug/m3	1		TO-15	Total/NA
Chloroform	6.3		0.98	0.16	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.49	J	1.1	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	43		0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.29		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	6.6		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	8.6		0.20	0.19	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	6.1		2.0	0.15	ug/m3	1		TO-15	Total/NA
Toluene	36		0.75	0.41	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	21		1.4	0.22	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	13		2.0	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	11		0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	57		2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	20		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	77		3.0	0.21	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	3.1		0.98	0.17	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane - DL	3.1	J	9.9	2.2	ug/m3	4		TO-15	Total/NA
Vinyl chloride - DL	3.2		0.80	0.45	ug/m3	4		TO-15	Total/NA
Trichlorofluoromethane - DL	1.6	J	4.5	1.3	ug/m3	4		TO-15	Total/NA
Acetone - DL	240		48	11	ug/m3	4		TO-15	Total/NA
1,1-Dichloroethane - DL	0.80	J	3.2	0.66	ug/m3	4		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	37		5.9	0.85	ug/m3	4		TO-15	Total/NA
Chloroform - DL	6.4		3.9	0.62	ug/m3	4		TO-15	Total/NA
Cyclohexane - DL	43		2.8	0.63	ug/m3	4		TO-15	Total/NA
Benzene - DL	6.6		2.6	0.86	ug/m3	4		TO-15	Total/NA
Trichloroethene - DL	8.2		0.80	0.75	ug/m3	4		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone) - DL	5.8	J	8.2	0.59	ug/m3	4		TO-15	Total/NA
Toluene - DL	35		3.0	1.7	ug/m3	4		TO-15	Total/NA
Tetrachloroethene - DL	20		5.4	0.90	ug/m3	4		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone) - DL	10		8.2	0.79	ug/m3	4		TO-15	Total/NA
Ethylbenzene - DL	10		3.5	1.1	ug/m3	4		TO-15	Total/NA
m,p-Xylene - DL	52		8.7	1.7	ug/m3	4		TO-15	Total/NA
o-Xylene - DL	18		3.5	0.83	ug/m3	4		TO-15	Total/NA
Xylene (total) - DL	70		12	0.83	ug/m3	4		TO-15	Total/NA
Isopropylbenzene (cumene) - DL	2.9	J	3.9	0.69	ug/m3	4		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: NN58-SV-021721-0855 (Continued)

Lab Sample ID: 200-57323-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.48	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.23	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	1.2		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.29		0.20	0.060	ppb v/v	1		TO-15	Total/NA
Acetone	98	E	5.0	1.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.21	J	0.50	0.074	ppb v/v	1		TO-15	Total/NA
1,1-Dichloroethane	0.24		0.20	0.041	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	13		0.50	0.072	ppb v/v	1		TO-15	Total/NA
Chloroform	1.3		0.20	0.032	ppb v/v	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.091	J	0.20	0.036	ppb v/v	1		TO-15	Total/NA
Cyclohexane	13		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.046		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	2.1		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	1.6		0.037	0.035	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.5		0.50	0.036	ppb v/v	1		TO-15	Total/NA
Toluene	9.6		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	3.1		0.20	0.033	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	3.1		0.50	0.048	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	2.5		0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	13		0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	4.5		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	18		0.70	0.048	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.63		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane - DL	0.64	J	2.0	0.44	ppb v/v	4		TO-15	Total/NA
Vinyl chloride - DL	1.3		0.31	0.18	ppb v/v	4		TO-15	Total/NA
Trichlorofluoromethane - DL	0.28	J	0.80	0.24	ppb v/v	4		TO-15	Total/NA
Acetone - DL	100		20	4.8	ppb v/v	4		TO-15	Total/NA
1,1-Dichloroethane - DL	0.20	J	0.80	0.16	ppb v/v	4		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	12		2.0	0.29	ppb v/v	4		TO-15	Total/NA
Chloroform - DL	1.3		0.80	0.13	ppb v/v	4		TO-15	Total/NA
Cyclohexane - DL	12		0.80	0.18	ppb v/v	4		TO-15	Total/NA
Benzene - DL	2.1		0.80	0.27	ppb v/v	4		TO-15	Total/NA
Trichloroethene - DL	1.5		0.15	0.14	ppb v/v	4		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone) - DL	1.4	J	2.0	0.14	ppb v/v	4		TO-15	Total/NA
Toluene - DL	9.3		0.80	0.44	ppb v/v	4		TO-15	Total/NA
Tetrachloroethene - DL	2.9		0.80	0.13	ppb v/v	4		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone) - DL	2.5		2.0	0.19	ppb v/v	4		TO-15	Total/NA
Ethylbenzene - DL	2.3		0.80	0.25	ppb v/v	4		TO-15	Total/NA
m,p-Xylene - DL	12		2.0	0.40	ppb v/v	4		TO-15	Total/NA
o-Xylene - DL	4.2		0.80	0.19	ppb v/v	4		TO-15	Total/NA
Xylene (total) - DL	16		2.8	0.19	ppb v/v	4		TO-15	Total/NA
Isopropylbenzene (cumene) - DL	0.58	J	0.80	0.14	ppb v/v	4		TO-15	Total/NA

Client Sample ID: NN58-IA-021721-0845

Lab Sample ID: 200-57323-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.4	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.5		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	4.0		0.20	0.11	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: NN58-IA-021721-0845 (Continued)

Lab Sample ID: 200-57323-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichlorofluoromethane	1.5		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.62	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	9.7	J	12	2.9	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.4	J	1.5	0.21	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.37		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.62	J	0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.51		0.20	0.19	ug/m3	1		TO-15	Total/NA
Toluene	0.90		0.75	0.41	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.46	J	2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	0.31	J	0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	0.77	J	3.0	0.21	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.20	J	0.98	0.17	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.49	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.75		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	1.6		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.27		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.081	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	4.1	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.49	J	0.50	0.072	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.058		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.19	J	0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.095		0.037	0.035	ppb v/v	1		TO-15	Total/NA
Toluene	0.24		0.20	0.11	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.11	J	0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.072	J	0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.18	J	0.70	0.048	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.042	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA

Client Sample ID: CC60-IA-021721-0908

Lab Sample ID: 200-57323-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.5		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.8		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	6.7		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.8		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.97	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	18		12	2.9	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.4	J	1.7	0.94	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	3.2		1.5	0.21	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.26		0.20	0.18	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.54	J	1.1	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.31	J	0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.44		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.60	J	0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.59		0.20	0.19	ug/m3	1		TO-15	Total/NA
Toluene	7.0		0.75	0.41	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.74	J	2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	0.28	J	0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	1.0	J	3.0	0.21	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.25	J	0.98	0.17	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: CC60-IA-021721-0908 (Continued) — Lab Sample ID: 200-57323-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.51		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.88		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	2.6		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.31		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.13	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	7.7		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.41	J	0.50	0.27	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.1		0.50	0.072	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.066		0.050	0.045	ppb v/v	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.098	J	0.20	0.036	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.090	J	0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.071		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.19	J	0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.11		0.037	0.035	ppb v/v	1		TO-15	Total/NA
Toluene	1.9		0.20	0.11	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.17	J	0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.063	J	0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.23	J	0.70	0.048	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.051	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA

Client Sample ID: AA2-021721-0950 — Lab Sample ID: 200-57323-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.5		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.4		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	2.0		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.58	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	7.7	J	12	2.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.30	J	1.6	0.23	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.6	J	1.7	0.94	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.78	J	1.5	0.21	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.43		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.66		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	1.0		0.20	0.19	ug/m3	1		TO-15	Total/NA
Toluene	2.1		0.75	0.41	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.50		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.68		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.80		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.26		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.075	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	3.2	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.095	J	0.50	0.074	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.46	J	0.50	0.27	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.27	J	0.50	0.072	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.068		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.21		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.19		0.037	0.035	ppb v/v	1		TO-15	Total/NA
Toluene	0.56		0.20	0.11	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: DD31-IA-021721-1015 — Lab Sample ID: 200-57323-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.6		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.5		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	1.1		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	2.2		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.63	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	12		12	2.9	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.4	J	1.7	0.94	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.1	J	1.5	0.21	ug/m3	1		TO-15	Total/NA
Chloroform	0.38	J	0.98	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.41		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.58	J	0.64	0.21	ug/m3	1		TO-15	Total/NA
Toluene	0.63	J	0.75	0.41	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.1	J	2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	3.7		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	4.8		3.0	0.21	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	7.0		0.98	0.17	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.54		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.71		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.44		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.40		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.082	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	5.2		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.40	J	0.50	0.27	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.38	J	0.50	0.072	ppb v/v	1		TO-15	Total/NA
Chloroform	0.078	J	0.20	0.032	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.065		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.18	J	0.20	0.067	ppb v/v	1		TO-15	Total/NA
Toluene	0.17	J	0.20	0.11	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.25	J	0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.84		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	1.1		0.70	0.048	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	1.4		0.20	0.035	ppb v/v	1		TO-15	Total/NA

Client Sample ID: KK35-IA-021721-1015 — Lab Sample ID: 200-57323-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.4	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.3		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	1.1		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	2.7		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.56	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	8.3	J	12	2.9	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.4	J	1.5	0.21	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.20		0.20	0.18	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.50	J	0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.43		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.66		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.27		0.20	0.19	ug/m3	1		TO-15	Total/NA
Toluene	1.1		0.75	0.41	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.63	J	1.4	0.22	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: KK35-IA-021721-1015 (Continued)

Lab Sample ID: 200-57323-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl Butyl Ketone (2-Hexanone)	32		2.0	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.45	J	0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	3.3		2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	17		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	20		3.0	0.21	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	34		0.98	0.17	ug/m3	1		TO-15	Total/NA
1,1,2,2-Tetrachloroethane	41		1.4	0.29	ug/m3	1		TO-15	Total/NA
Vinyl chloride - DL	0.86	J	1.2	0.69	ug/m3	6.14		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone) - DL	2.6	J	13	0.91	ug/m3	6.14		TO-15	Total/NA
o-Xylene - DL	17		5.3	1.3	ug/m3	6.14		TO-15	Total/NA
Xylene (total) - DL	17	J	19	1.3	ug/m3	6.14		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.48	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.65		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.43		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.48		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.074	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	3.5	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.46	J	0.50	0.072	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.051		0.050	0.045	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.15	J	0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.068		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.21		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.051		0.037	0.035	ppb v/v	1		TO-15	Total/NA
Toluene	0.28		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.092	J	0.20	0.033	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	7.9		0.50	0.048	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.10	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.76		0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	3.8		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	4.7		0.70	0.048	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	7.0		0.20	0.035	ppb v/v	1		TO-15	Total/NA
1,1,2,2-Tetrachloroethane	6.0		0.20	0.042	ppb v/v	1		TO-15	Total/NA
Vinyl chloride - DL	0.34	J	0.48	0.27	ppb v/v	6.14		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone) - DL	0.63	J	3.1	0.22	ppb v/v	6.14		TO-15	Total/NA
o-Xylene - DL	3.8		1.2	0.29	ppb v/v	6.14		TO-15	Total/NA
Xylene (total) - DL	3.9	J	4.3	0.29	ppb v/v	6.14		TO-15	Total/NA

Client Sample ID: W25-SV-021821-0840

Lab Sample ID: 200-57323-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	3.4		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	0.63	J	1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	1.2		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.63	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	14		12	2.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.50	J	1.6	0.23	ug/m3	1		TO-15	Total/NA
Methylene Chloride	4.1		1.7	0.94	ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.31	J	0.79	0.17	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: W25-SV-021821-0840 (Continued)

Lab Sample ID: 200-57323-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl Ethyl Ketone (2-Butanone)	0.91	J	1.5	0.21	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	6.6		0.20	0.18	ug/m3	1		TO-15	Total/NA
Chloroform	0.61	J	0.98	0.16	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	4.3		1.1	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.39		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.38	J	0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	230	E	0.20	0.19	ug/m3	1		TO-15	Total/NA
Toluene	0.72	J	0.75	0.41	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.91	J	1.4	0.22	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.37	J	2.0	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.4		0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	7.0		2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	1.4		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	8.4		3.0	0.21	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane - DL	2.9	J	4.9	1.1	ug/m3	2		TO-15	Total/NA
Vinyl chloride - DL	2.1		0.40	0.22	ug/m3	2		TO-15	Total/NA
Trichlorofluoromethane - DL	1.5	J	2.2	0.67	ug/m3	2		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane - DL	0.61	J	3.1	0.58	ug/m3	2		TO-15	Total/NA
Acetone - DL	6.4	J	24	5.7	ug/m3	2		TO-15	Total/NA
Carbon disulfide - DL	0.83	J	3.1	0.46	ug/m3	2		TO-15	Total/NA
trans-1,2-Dichloroethene - DL	0.46	J	1.6	0.33	ug/m3	2		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	1.1	J	2.9	0.42	ug/m3	2		TO-15	Total/NA
cis-1,2-Dichloroethene - DL	11		0.40	0.36	ug/m3	2		TO-15	Total/NA
Chloroform - DL	0.96	J	2.0	0.31	ug/m3	2		TO-15	Total/NA
1,1,1-Trichloroethane - DL	6.9		2.2	0.39	ug/m3	2		TO-15	Total/NA
Carbon tetrachloride - DL	0.35	J	0.44	0.30	ug/m3	2		TO-15	Total/NA
Trichloroethene - DL	380		0.40	0.38	ug/m3	2		TO-15	Total/NA
Toluene - DL	1.0	J *3	1.5	0.83	ug/m3	2		TO-15	Total/NA
Tetrachloroethene - DL	1.4	J *3	2.7	0.45	ug/m3	2		TO-15	Total/NA
Ethylbenzene - DL	2.1	*3	1.7	0.55	ug/m3	2		TO-15	Total/NA
m,p-Xylene - DL	11	*3	4.3	0.87	ug/m3	2		TO-15	Total/NA
o-Xylene - DL	2.2	*3	1.7	0.42	ug/m3	2		TO-15	Total/NA
Xylene (total) - DL	13	*3	6.1	0.42	ug/m3	2		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.68		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.31	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.46		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.25		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.082	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	5.8		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.16	J	0.50	0.074	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	1.2		0.50	0.27	ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.079	J	0.20	0.042	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.31	J	0.50	0.072	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	1.7		0.050	0.045	ppb v/v	1		TO-15	Total/NA
Chloroform	0.12	J	0.20	0.032	ppb v/v	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.79		0.20	0.036	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.062		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.12	J	0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	44	E	0.037	0.035	ppb v/v	1		TO-15	Total/NA
Toluene	0.19	J	0.20	0.11	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: W25-SV-021821-0840 (Continued)

Lab Sample ID: 200-57323-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.13	J	0.20	0.033	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.089	J	0.50	0.048	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.31		0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	1.6		0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.33		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	1.9		0.70	0.048	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane - DL	0.59	J	1.0	0.22	ppb v/v	2		TO-15	Total/NA
Vinyl chloride - DL	0.82		0.16	0.088	ppb v/v	2		TO-15	Total/NA
Trichlorofluoromethane - DL	0.27	J	0.40	0.12	ppb v/v	2		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane - DL	0.080	J	0.40	0.076	ppb v/v	2		TO-15	Total/NA
Acetone - DL	2.7	J	10	2.4	ppb v/v	2		TO-15	Total/NA
Carbon disulfide - DL	0.27	J	1.0	0.15	ppb v/v	2		TO-15	Total/NA
trans-1,2-Dichloroethene - DL	0.12	J	0.40	0.084	ppb v/v	2		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	0.36	J	1.0	0.14	ppb v/v	2		TO-15	Total/NA
cis-1,2-Dichloroethene - DL	2.8		0.10	0.090	ppb v/v	2		TO-15	Total/NA
Chloroform - DL	0.20	J	0.40	0.064	ppb v/v	2		TO-15	Total/NA
1,1,1-Trichloroethane - DL	1.3		0.40	0.072	ppb v/v	2		TO-15	Total/NA
Carbon tetrachloride - DL	0.056	J	0.070	0.048	ppb v/v	2		TO-15	Total/NA
Trichloroethene - DL	72		0.074	0.070	ppb v/v	2		TO-15	Total/NA
Toluene - DL	0.28	J *3	0.40	0.22	ppb v/v	2		TO-15	Total/NA
Tetrachloroethene - DL	0.21	J *3	0.40	0.066	ppb v/v	2		TO-15	Total/NA
Ethylbenzene - DL	0.49	*3	0.40	0.13	ppb v/v	2		TO-15	Total/NA
m,p-Xylene - DL	2.5	*3	1.0	0.20	ppb v/v	2		TO-15	Total/NA
o-Xylene - DL	0.51	*3	0.40	0.096	ppb v/v	2		TO-15	Total/NA
Xylene (total) - DL	3.0	*3	1.4	0.096	ppb v/v	2		TO-15	Total/NA

Client Sample ID: W25-IA-021821-0840

Lab Sample ID: 200-57323-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	3.0		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.6		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	0.66		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.7		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.71	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	13		12	2.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.82	J	1.6	0.23	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.2	J	1.7	0.94	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	2.0		1.5	0.21	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.18	J	0.20	0.18	ug/m3	1		TO-15	Total/NA
Chloroform	0.19	J	0.98	0.16	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.49	J	0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.48		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	1.2		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.52		0.20	0.19	ug/m3	1		TO-15	Total/NA
Toluene	3.0		0.75	0.41	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.4		0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	5.3		2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	1.6		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	6.9		3.0	0.21	ug/m3	1		TO-15	Total/NA
Styrene	0.25	J	0.85	0.17	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.24	J	0.98	0.17	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: W25-IA-021821-0840 (Continued)

Lab Sample ID: 200-57323-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2,2-Tetrachloroethane	0.51	J	1.4	0.29	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.60		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.76		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.26		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.30		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.092	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	5.5		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.26	J	0.50	0.074	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.36	J	0.50	0.27	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.68		0.50	0.072	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.045	J	0.050	0.045	ppb v/v	1		TO-15	Total/NA
Chloroform	0.040	J	0.20	0.032	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.14	J	0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.076		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.36		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.096		0.037	0.035	ppb v/v	1		TO-15	Total/NA
Toluene	0.81		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.31		0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	1.2		0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.37		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	1.6		0.70	0.048	ppb v/v	1		TO-15	Total/NA
Styrene	0.058	J	0.20	0.040	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.049	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA
1,1,2,2-Tetrachloroethane	0.074	J	0.20	0.042	ppb v/v	1		TO-15	Total/NA

Client Sample ID: G29-IA-021821-0925

Lab Sample ID: 200-57323-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.3		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	0.31		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.61	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	13		12	2.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.33	J	1.6	0.23	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	5.7		1.5	0.21	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.89		0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.39		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	2.6		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.48		0.20	0.19	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.73	J	2.0	0.15	ug/m3	1		TO-15	Total/NA
Toluene	1.5		0.75	0.41	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	1.1	J	2.0	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	2.4		0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	21		2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	2.6		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	24		3.0	0.21	ug/m3	1		TO-15	Total/NA
Styrene	0.20	J	0.85	0.17	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.50	J	0.98	0.17	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: G29-IA-021821-0925 (Continued)

Lab Sample ID: 200-57323-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2,2-Tetrachloroethane	0.31	J	1.4	0.29	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.44	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.62		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.12		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.25		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.080	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	5.5		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.11	J	0.50	0.074	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.9		0.50	0.072	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.26		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.062		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.81		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.089		0.037	0.035	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.18	J	0.50	0.036	ppb v/v	1		TO-15	Total/NA
Toluene	0.40		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.28	J	0.50	0.048	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.55		0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	4.8		0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.59		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	5.4		0.70	0.048	ppb v/v	1		TO-15	Total/NA
Styrene	0.047	J	0.20	0.040	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.10	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA
1,1,2,2-Tetrachloroethane	0.045	J	0.20	0.042	ppb v/v	1		TO-15	Total/NA

Client Sample ID: G29-SV-021821-0925

Lab Sample ID: 200-57323-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.9		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.2		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	3.2		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	2.0		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.96	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	29		12	2.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	11		1.6	0.23	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	4.4		1.5	0.21	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.80		0.20	0.18	ug/m3	1		TO-15	Total/NA
Chloroform	0.67	J	0.98	0.16	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.85		0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.56		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	1.5		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	5.9		0.20	0.19	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.80	J	2.0	0.15	ug/m3	1		TO-15	Total/NA
Toluene	3.3		0.75	0.41	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	1.4		1.4	0.22	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.79	J	2.0	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	2.7		0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	13		2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	3.0		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	16		3.0	0.21	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: G29-SV-021821-0925 (Continued)

Lab Sample ID: 200-57323-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Styrene	0.28	J	0.85	0.17	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.24	J	0.98	0.17	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.59		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.60		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	1.2		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.35		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.12	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	12		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	3.5		0.50	0.074	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.5		0.50	0.072	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.20		0.050	0.045	ppb v/v	1		TO-15	Total/NA
Chloroform	0.14	J	0.20	0.032	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.25		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.088		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.48		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	1.1		0.037	0.035	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.20	J	0.50	0.036	ppb v/v	1		TO-15	Total/NA
Toluene	0.88		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.21		0.20	0.033	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.19	J	0.50	0.048	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.63		0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	3.1		0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.70		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	3.7		0.70	0.048	ppb v/v	1		TO-15	Total/NA
Styrene	0.065	J	0.20	0.040	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.048	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA

Client Sample ID: E17-IA-021821-0950

Lab Sample ID: 200-57323-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.3	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.4		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	0.36		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.65	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	20		12	2.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.52	J	1.6	0.23	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	3.3		1.5	0.21	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.38		0.20	0.18	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.90		0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.43		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	1.1		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.93		0.20	0.19	ug/m3	1		TO-15	Total/NA
Toluene	1.4		0.75	0.41	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.43	J	2.0	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.32	J	0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.1	J	2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	0.36	J	0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	1.5	J	3.0	0.21	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: E17-IA-021821-0950 (Continued)

Lab Sample ID: 200-57323-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2,2-Tetrachloroethane	0.50	J	1.4	0.29	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.46	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.68		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.14		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.26		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.085	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	8.4		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.17	J	0.50	0.074	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.1		0.50	0.072	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.097		0.050	0.045	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.26		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.068		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.34		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.17		0.037	0.035	ppb v/v	1		TO-15	Total/NA
Toluene	0.36		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.10	J	0.50	0.048	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.073	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.25	J	0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.083	J	0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.34	J	0.70	0.048	ppb v/v	1		TO-15	Total/NA
1,1,2,2-Tetrachloroethane	0.073	J	0.20	0.042	ppb v/v	1		TO-15	Total/NA

Client Sample ID: E17-SV-021821-0950

Lab Sample ID: 200-57323-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	0.58	J	1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	4.4		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	6.2		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	2.9		1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	18		12	2.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	1.1	J	1.6	0.23	ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	2.4		0.79	0.17	ug/m3	1		TO-15	Total/NA
1,1-Dichloroethane	0.36	J	0.81	0.17	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	2.6		1.5	0.21	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	9.5		0.20	0.18	ug/m3	1		TO-15	Total/NA
Chloroform	29		0.98	0.16	ug/m3	1		TO-15	Total/NA
Cyclohexane	7.5		0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	1.3		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	19		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	170		0.20	0.19	ug/m3	1		TO-15	Total/NA
Toluene	24		0.75	0.41	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	77		1.4	0.22	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.31	J	2.0	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	2.5		0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	20		2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	4.7		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	25		3.0	0.21	ug/m3	1		TO-15	Total/NA
Styrene	0.56	J	0.85	0.17	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.54	J	0.98	0.17	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: E17-SV-021821-0950 (Continued)

Lab Sample ID: 200-57323-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.45	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.28	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	1.7		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.37		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	7.7		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.35	J	0.50	0.074	ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.62		0.20	0.042	ppb v/v	1		TO-15	Total/NA
1,1-Dichloroethane	0.089	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.88		0.50	0.072	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	2.4		0.050	0.045	ppb v/v	1		TO-15	Total/NA
Chloroform	6.0		0.20	0.032	ppb v/v	1		TO-15	Total/NA
Cyclohexane	2.2		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.21		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	6.1		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	31		0.037	0.035	ppb v/v	1		TO-15	Total/NA
Toluene	6.5		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	11		0.20	0.033	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.075	J	0.50	0.048	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.57		0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	4.6		0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	1.1		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	5.7		0.70	0.048	ppb v/v	1		TO-15	Total/NA
Styrene	0.13	J	0.20	0.040	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.11	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA

Client Sample ID: G3-IA-021821-1100

Lab Sample ID: 200-57323-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.3	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.4		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	0.35		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.62	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	12		12	2.9	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.5	J	1.7	0.94	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	2.5		1.5	0.21	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.19	J	0.20	0.18	ug/m3	1		TO-15	Total/NA
Chloroform	0.16	J	0.98	0.16	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.74		0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.42		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.94		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.47		0.20	0.19	ug/m3	1		TO-15	Total/NA
Toluene	1.3		0.75	0.41	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.29	J	2.0	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.48	J	0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.4	J	2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	0.46	J	0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	1.9	J	3.0	0.21	ug/m3	1		TO-15	Total/NA
Styrene	0.27	J	0.85	0.17	ug/m3	1		TO-15	Total/NA
1,1,2,2-Tetrachloroethane	0.44	J	1.4	0.29	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: G3-IA-021821-1100 (Continued)

Lab Sample ID: 200-57323-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.46	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.67		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.14		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.25		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.081	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	4.9		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.44	J	0.50	0.27	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.84		0.50	0.072	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.048	J	0.050	0.045	ppb v/v	1		TO-15	Total/NA
Chloroform	0.033	J	0.20	0.032	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.22		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.067		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.29		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.088		0.037	0.035	ppb v/v	1		TO-15	Total/NA
Toluene	0.34		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.072	J	0.50	0.048	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.11	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.31	J	0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.11	J	0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.43	J	0.70	0.048	ppb v/v	1		TO-15	Total/NA
Styrene	0.062	J	0.20	0.040	ppb v/v	1		TO-15	Total/NA
1,1,2,2-Tetrachloroethane	0.064	J	0.20	0.042	ppb v/v	1		TO-15	Total/NA

Client Sample ID: G3-SV-021821-1100

Lab Sample ID: 200-57323-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	3.2		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	0.96	J	1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	0.59		0.20	0.11	ug/m3	1		TO-15	Total/NA
Chloroethane	0.43	J	1.3	0.14	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.6		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.62	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	22		12	2.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	4.0		1.6	0.23	ug/m3	1		TO-15	Total/NA
Methylene Chloride	3.8		1.7	0.94	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	5.0		1.5	0.21	ug/m3	1		TO-15	Total/NA
Chloroform	6.7		0.98	0.16	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.50	J	1.1	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.37		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.39	J	0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.87		0.20	0.19	ug/m3	1		TO-15	Total/NA
Bromodichloromethane	1.3		1.3	0.23	ug/m3	1		TO-15	Total/NA
Toluene	2.1		0.75	0.41	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.65	J	1.4	0.22	ug/m3	1		TO-15	Total/NA
Ethylbenzene	5.9		0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	22		2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	5.2		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	27		3.0	0.21	ug/m3	1		TO-15	Total/NA
Styrene	0.34	J	0.85	0.17	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.64		0.50	0.11	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: G3-SV-021821-1100 (Continued)

Lab Sample ID: 200-57323-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.46	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.23		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Chloroethane	0.16	J	0.50	0.054	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.28		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.081	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	9.1		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	1.3		0.50	0.074	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	1.1		0.50	0.27	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.7		0.50	0.072	ppb v/v	1		TO-15	Total/NA
Chloroform	1.4		0.20	0.032	ppb v/v	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.092	J	0.20	0.036	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.059		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.12	J	0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.16		0.037	0.035	ppb v/v	1		TO-15	Total/NA
Bromodichloromethane	0.20		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Toluene	0.55		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.096	J	0.20	0.033	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	1.4		0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	5.1		0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	1.2		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	6.3		0.70	0.048	ppb v/v	1		TO-15	Total/NA
Styrene	0.080	J	0.20	0.040	ppb v/v	1		TO-15	Total/NA

Client Sample ID: J41-SV-021821-1112

Lab Sample ID: 200-57323-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.8		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	0.73	J	1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	1.4		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.6		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	1.6		1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	50		12	2.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.47	J	1.6	0.23	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	9.3		1.5	0.21	ug/m3	1		TO-15	Total/NA
Chloroform	0.52	J	0.98	0.16	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	1.9		1.1	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.78		0.69	0.16	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.38		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.79		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	24		0.20	0.19	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.9	J	2.0	0.15	ug/m3	1		TO-15	Total/NA
Toluene	3.5		0.75	0.41	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	36		1.4	0.22	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	8.5		2.0	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	2.9		0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	14		2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	3.6		0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	18		3.0	0.21	ug/m3	1		TO-15	Total/NA
Styrene	0.36	J	0.85	0.17	ug/m3	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.26	J	0.98	0.17	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: J41-SV-021821-1112 (Continued)

Lab Sample ID: 200-57323-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.58		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.35	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.55		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.28		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.20		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Acetone	21		5.0	1.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.15	J	0.50	0.074	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	3.2		0.50	0.072	ppb v/v	1		TO-15	Total/NA
Chloroform	0.11	J	0.20	0.032	ppb v/v	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.35		0.20	0.036	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.23		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.061		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.25		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	4.5		0.037	0.035	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.46	J	0.50	0.036	ppb v/v	1		TO-15	Total/NA
Toluene	0.92		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	5.3		0.20	0.033	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	2.1		0.50	0.048	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.66		0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	3.3		0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.83		0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	4.1		0.70	0.048	ppb v/v	1		TO-15	Total/NA
Styrene	0.084	J	0.20	0.040	ppb v/v	1		TO-15	Total/NA
Isopropylbenzene (cumene)	0.054	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA

Client Sample ID: J41-IA-021821-1112

Lab Sample ID: 200-57323-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.6		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	1.5		1.0	0.23	ug/m3	1		TO-15	Total/NA
Vinyl chloride	0.53		0.20	0.11	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.7		1.1	0.34	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.67	J	1.5	0.29	ug/m3	1		TO-15	Total/NA
Acetone	11	J	12	2.9	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.0	J	1.7	0.94	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.3	J	1.5	0.21	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.47		0.22	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.82		0.64	0.21	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.42		0.20	0.19	ug/m3	1		TO-15	Total/NA
Toluene	1.2		0.75	0.41	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.28	J	0.87	0.27	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.89	J	2.2	0.43	ug/m3	1		TO-15	Total/NA
o-Xylene	0.37	J	0.87	0.21	ug/m3	1		TO-15	Total/NA
Xylene (total)	1.3	J	3.0	0.21	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.54		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.73		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.21		0.078	0.044	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.30		0.20	0.060	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.088	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: J41-IA-021821-1112 (Continued)

Lab Sample ID: 200-57323-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.7	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.29	J	0.50	0.27	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.43	J	0.50	0.072	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.074		0.035	0.024	ppb v/v	1		TO-15	Total/NA
Benzene	0.26		0.20	0.067	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.079		0.037	0.035	ppb v/v	1		TO-15	Total/NA
Toluene	0.31		0.20	0.11	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.064	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.20	J	0.50	0.10	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.086	J	0.20	0.048	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.29	J	0.70	0.048	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: VU9-SV-021621-0855
Date Collected: 02/16/21 16:55
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-1
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.3**	**J**	2.5	0.54	ug/m3			02/24/21 15:31	1
Chloromethane	**0.48**	**J**	1.0	0.23	ug/m3			02/24/21 15:31	1
Vinyl chloride	ND		0.20	0.11	ug/m3			02/24/21 15:31	1
Bromomethane	ND		0.78	0.20	ug/m3			02/24/21 15:31	1
Chloroethane	ND		1.3	0.14	ug/m3			02/24/21 15:31	1
Trichlorofluoromethane	**1.4**		1.1	0.34	ug/m3			02/24/21 15:31	1
1,1,2-Trichlorotrifluoroethane	**5.4**		1.5	0.29	ug/m3			02/24/21 15:31	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/24/21 15:31	1
Acetone	**1000**	**E**	12	2.9	ug/m3			02/24/21 15:31	1
Carbon disulfide	**7.7**		1.6	0.23	ug/m3			02/24/21 15:31	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/24/21 15:31	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/24/21 15:31	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/24/21 15:31	1
1,1-Dichloroethane	**0.47**	**J**	0.81	0.17	ug/m3			02/24/21 15:31	1
Methyl Ethyl Ketone (2-Butanone)	**13**		1.5	0.21	ug/m3			02/24/21 15:31	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/24/21 15:31	1
Chloroform	**0.47**	**J**	0.98	0.16	ug/m3			02/24/21 15:31	1
1,1,1-Trichloroethane	**8.7**		1.1	0.20	ug/m3			02/24/21 15:31	1
Cyclohexane	**89**		0.69	0.16	ug/m3			02/24/21 15:31	1
Carbon tetrachloride	**0.17**	**J**	0.22	0.15	ug/m3			02/24/21 15:31	1
Benzene	**33**		0.64	0.21	ug/m3			02/24/21 15:31	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/24/21 15:31	1
Trichloroethene	**9.0**		0.20	0.19	ug/m3			02/24/21 15:31	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/24/21 15:31	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/24/21 15:31	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/24/21 15:31	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.67**	**J**	2.0	0.15	ug/m3			02/24/21 15:31	1
Toluene	**79**		0.75	0.41	ug/m3			02/24/21 15:31	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/24/21 15:31	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 15:31	1
Tetrachloroethene	**4.9**		1.4	0.22	ug/m3			02/24/21 15:31	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/24/21 15:31	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/24/21 15:31	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/24/21 15:31	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/24/21 15:31	1
Ethylbenzene	**23**		0.87	0.27	ug/m3			02/24/21 15:31	1
m,p-Xylene	**130**		2.2	0.43	ug/m3			02/24/21 15:31	1
o-Xylene	**30**		0.87	0.21	ug/m3			02/24/21 15:31	1
Xylene (total)	**160**		3.0	0.21	ug/m3			02/24/21 15:31	1
Styrene	ND		0.85	0.17	ug/m3			02/24/21 15:31	1
Bromoform	ND		2.1	0.50	ug/m3			02/24/21 15:31	1
Isopropylbenzene (cumene)	**2.4**		0.98	0.17	ug/m3			02/24/21 15:31	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/24/21 15:31	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/24/21 15:31	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/24/21 15:31	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/24/21 15:31	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/24/21 15:31	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: VU9-SV-021621-0855
Date Collected: 02/16/21 16:55
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-1
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.46**	**J**	0.50	0.11	ppb v/v			02/24/21 15:31	1
Chloromethane	**0.23**	**J**	0.50	0.11	ppb v/v			02/24/21 15:31	1
Vinyl chloride	ND		0.078	0.044	ppb v/v			02/24/21 15:31	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/24/21 15:31	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/24/21 15:31	1
Trichlorofluoromethane	**0.24**		0.20	0.060	ppb v/v			02/24/21 15:31	1
1,1,2-Trichlorotrifluoroethane	**0.70**		0.20	0.038	ppb v/v			02/24/21 15:31	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/24/21 15:31	1
Acetone	**420**	**E**	5.0	1.2	ppb v/v			02/24/21 15:31	1
Carbon disulfide	**2.5**		0.50	0.074	ppb v/v			02/24/21 15:31	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/24/21 15:31	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/24/21 15:31	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/24/21 15:31	1
1,1-Dichloroethane	**0.12**	**J**	0.20	0.041	ppb v/v			02/24/21 15:31	1
Methyl Ethyl Ketone (2-Butanone)	**4.5**		0.50	0.072	ppb v/v			02/24/21 15:31	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/24/21 15:31	1
Chloroform	**0.095**	**J**	0.20	0.032	ppb v/v			02/24/21 15:31	1
1,1,1-Trichloroethane	**1.6**		0.20	0.036	ppb v/v			02/24/21 15:31	1
Cyclohexane	**26**		0.20	0.046	ppb v/v			02/24/21 15:31	1
Carbon tetrachloride	**0.026**	**J**	0.035	0.024	ppb v/v			02/24/21 15:31	1
Benzene	**10**		0.20	0.067	ppb v/v			02/24/21 15:31	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/24/21 15:31	1
Trichloroethene	**1.7**		0.037	0.035	ppb v/v			02/24/21 15:31	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/24/21 15:31	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/24/21 15:31	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/24/21 15:31	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.16**	**J**	0.50	0.036	ppb v/v			02/24/21 15:31	1
Toluene	**21**		0.20	0.11	ppb v/v			02/24/21 15:31	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/24/21 15:31	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 15:31	1
Tetrachloroethene	**0.72**		0.20	0.033	ppb v/v			02/24/21 15:31	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/24/21 15:31	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/24/21 15:31	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/24/21 15:31	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/24/21 15:31	1
Ethylbenzene	**5.4**		0.20	0.063	ppb v/v			02/24/21 15:31	1
m,p-Xylene	**29**		0.50	0.10	ppb v/v			02/24/21 15:31	1
o-Xylene	**6.9**		0.20	0.048	ppb v/v			02/24/21 15:31	1
Xylene (total)	**37**		0.70	0.048	ppb v/v			02/24/21 15:31	1
Styrene	ND		0.20	0.040	ppb v/v			02/24/21 15:31	1
Bromoform	ND		0.20	0.048	ppb v/v			02/24/21 15:31	1
Isopropylbenzene (cumene)	**0.49**		0.20	0.035	ppb v/v			02/24/21 15:31	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/24/21 15:31	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/24/21 15:31	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/24/21 15:31	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/24/21 15:31	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/24/21 15:31	1

Client Sample ID: VU9-SV-021621-0855

Lab Sample ID: 200-57323-1

Date Collected: 02/16/21 16:55
Matrix: Air
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		37	8.2	ug/m3			02/26/21 01:17	15
Chloromethane	ND	*+	15	3.4	ug/m3			02/26/21 01:17	15
Vinyl chloride	ND		3.0	1.7	ug/m3			02/26/21 01:17	15
Bromomethane	ND		12	3.0	ug/m3			02/26/21 01:17	15
Chloroethane	ND		20	2.1	ug/m3			02/26/21 01:17	15
Trichlorofluoromethane	ND		17	5.1	ug/m3			02/26/21 01:17	15
1,1,2-Trichlorotrifluoroethane	ND		23	4.4	ug/m3			02/26/21 01:17	15
1,1-Dichloroethene	ND		3.0	2.3	ug/m3			02/26/21 01:17	15
Acetone	**710**		180	43	ug/m3			02/26/21 01:17	15
Carbon disulfide	**9.8**	**J**	23	3.5	ug/m3			02/26/21 01:17	15
Methylene Chloride	ND		26	14	ug/m3			02/26/21 01:17	15
Methyl tert-butyl ether	ND		11	1.8	ug/m3			02/26/21 01:17	15
trans-1,2-Dichloroethene	ND		12	2.5	ug/m3			02/26/21 01:17	15
1,1-Dichloroethane	ND		12	2.5	ug/m3			02/26/21 01:17	15
Methyl Ethyl Ketone (2-Butanone)	**17**	**J**	22	3.2	ug/m3			02/26/21 01:17	15
cis-1,2-Dichloroethene	ND		3.0	2.7	ug/m3			02/26/21 01:17	15
Chloroform	ND		15	2.3	ug/m3			02/26/21 01:17	15
1,1,1-Trichloroethane	ND		16	2.9	ug/m3			02/26/21 01:17	15
Cyclohexane	**71**		10	2.4	ug/m3			02/26/21 01:17	15
Carbon tetrachloride	ND		3.3	2.3	ug/m3			02/26/21 01:17	15
Benzene	**22**		9.6	3.2	ug/m3			02/26/21 01:17	15
1,2-Dichloroethane	ND		12	1.9	ug/m3			02/26/21 01:17	15
Trichloroethene	**4.5**		3.0	2.8	ug/m3			02/26/21 01:17	15
1,2-Dichloropropane	ND		14	2.3	ug/m3			02/26/21 01:17	15
Bromodichloromethane	ND		20	3.5	ug/m3			02/26/21 01:17	15
cis-1,3-Dichloropropene	ND		14	2.2	ug/m3			02/26/21 01:17	15
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		31	2.2	ug/m3			02/26/21 01:17	15
Toluene	**62**		11	6.2	ug/m3			02/26/21 01:17	15
trans-1,3-Dichloropropene	ND		14	2.7	ug/m3			02/26/21 01:17	15
1,1,2-Trichloroethane	ND		16	2.9	ug/m3			02/26/21 01:17	15
Tetrachloroethene	ND		20	3.4	ug/m3			02/26/21 01:17	15
Methyl Butyl Ketone (2-Hexanone)	ND		31	3.0	ug/m3			02/26/21 01:17	15
Dibromochloromethane	ND		26	4.6	ug/m3			02/26/21 01:17	15
1,2-Dibromoethane	ND		23	5.6	ug/m3			02/26/21 01:17	15
Chlorobenzene	ND		14	3.9	ug/m3			02/26/21 01:17	15
Ethylbenzene	**23**	**B**	13	4.1	ug/m3			02/26/21 01:17	15
m,p-Xylene	**94**		33	6.5	ug/m3			02/26/21 01:17	15
o-Xylene	**25**		13	3.1	ug/m3			02/26/21 01:17	15
Xylene (total)	**120**		46	3.1	ug/m3			02/26/21 01:17	15
Styrene	ND		13	2.6	ug/m3			02/26/21 01:17	15
Bromoform	ND		31	7.4	ug/m3			02/26/21 01:17	15
Isopropylbenzene (cumene)	ND		15	2.6	ug/m3			02/26/21 01:17	15
1,1,2,2-Tetrachloroethane	ND		21	4.3	ug/m3			02/26/21 01:17	15
1,3-Dichlorobenzene	ND		18	9.9	ug/m3			02/26/21 01:17	15
1,4-Dichlorobenzene	ND		18	11	ug/m3			02/26/21 01:17	15
1,2-Dichlorobenzene	ND		18	8.7	ug/m3			02/26/21 01:17	15
1,2,4-Trichlorobenzene	ND		56	24	ug/m3			02/26/21 01:17	15

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: VU9-SV-021621-0855

Date Collected: 02/16/21 16:55
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-1

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		7.5	1.7	ppb v/v			02/26/21 01:17	15
Chloromethane	ND	*+	7.5	1.7	ppb v/v			02/26/21 01:17	15
Vinyl chloride	ND		1.2	0.66	ppb v/v			02/26/21 01:17	15
Bromomethane	ND		3.0	0.77	ppb v/v			02/26/21 01:17	15
Chloroethane	ND		7.5	0.81	ppb v/v			02/26/21 01:17	15
Trichlorofluoromethane	ND		3.0	0.90	ppb v/v			02/26/21 01:17	15
1,1,2-Trichlorotrifluoroethane	ND		3.0	0.57	ppb v/v			02/26/21 01:17	15
1,1-Dichloroethene	ND		0.76	0.59	ppb v/v			02/26/21 01:17	15
Acetone	**300**		75	18	ppb v/v			02/26/21 01:17	15
Carbon disulfide	**3.2**	**J**	7.5	1.1	ppb v/v			02/26/21 01:17	15
Methylene Chloride	ND		7.5	4.1	ppb v/v			02/26/21 01:17	15
Methyl tert-butyl ether	ND		3.0	0.50	ppb v/v			02/26/21 01:17	15
trans-1,2-Dichloroethene	ND		3.0	0.63	ppb v/v			02/26/21 01:17	15
1,1-Dichloroethane	ND		3.0	0.62	ppb v/v			02/26/21 01:17	15
Methyl Ethyl Ketone (2-Butanone)	**5.6**	**J**	7.5	1.1	ppb v/v			02/26/21 01:17	15
cis-1,2-Dichloroethene	ND		0.76	0.68	ppb v/v			02/26/21 01:17	15
Chloroform	ND		3.0	0.48	ppb v/v			02/26/21 01:17	15
1,1,1-Trichloroethane	ND		3.0	0.54	ppb v/v			02/26/21 01:17	15
Cyclohexane	**21**		3.0	0.69	ppb v/v			02/26/21 01:17	15
Carbon tetrachloride	ND		0.52	0.36	ppb v/v			02/26/21 01:17	15
Benzene	**7.0**		3.0	1.0	ppb v/v			02/26/21 01:17	15
1,2-Dichloroethane	ND		3.0	0.48	ppb v/v			02/26/21 01:17	15
Trichloroethene	**0.84**		0.56	0.53	ppb v/v			02/26/21 01:17	15
1,2-Dichloropropane	ND		3.0	0.50	ppb v/v			02/26/21 01:17	15
Bromodichloromethane	ND		3.0	0.53	ppb v/v			02/26/21 01:17	15
cis-1,3-Dichloropropene	ND		3.0	0.48	ppb v/v			02/26/21 01:17	15
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		7.5	0.54	ppb v/v			02/26/21 01:17	15
Toluene	**16**		3.0	1.7	ppb v/v			02/26/21 01:17	15
trans-1,3-Dichloropropene	ND		3.0	0.59	ppb v/v			02/26/21 01:17	15
1,1,2-Trichloroethane	ND		3.0	0.54	ppb v/v			02/26/21 01:17	15
Tetrachloroethene	ND		3.0	0.50	ppb v/v			02/26/21 01:17	15
Methyl Butyl Ketone (2-Hexanone)	ND		7.5	0.72	ppb v/v			02/26/21 01:17	15
Dibromochloromethane	ND		3.0	0.54	ppb v/v			02/26/21 01:17	15
1,2-Dibromoethane	ND		3.0	0.74	ppb v/v			02/26/21 01:17	15
Chlorobenzene	ND		3.0	0.84	ppb v/v			02/26/21 01:17	15
Ethylbenzene	**5.3**	**B**	3.0	0.95	ppb v/v			02/26/21 01:17	15
m,p-Xylene	**22**		7.5	1.5	ppb v/v			02/26/21 01:17	15
o-Xylene	**5.8**		3.0	0.72	ppb v/v			02/26/21 01:17	15
Xylene (total)	**27**		11	0.72	ppb v/v			02/26/21 01:17	15
Styrene	ND		3.0	0.60	ppb v/v			02/26/21 01:17	15
Bromoform	ND		3.0	0.72	ppb v/v			02/26/21 01:17	15
Isopropylbenzene (cumene)	ND		3.0	0.53	ppb v/v			02/26/21 01:17	15
1,1,2,2-Tetrachloroethane	ND		3.0	0.63	ppb v/v			02/26/21 01:17	15
1,3-Dichlorobenzene	ND		3.0	1.7	ppb v/v			02/26/21 01:17	15
1,4-Dichlorobenzene	ND		3.0	1.8	ppb v/v			02/26/21 01:17	15
1,2-Dichlorobenzene	ND		3.0	1.5	ppb v/v			02/26/21 01:17	15
1,2,4-Trichlorobenzene	ND		7.5	3.3	ppb v/v			02/26/21 01:17	15

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: VU9-IA-021621-0855
Date Collected: 02/16/21 15:55
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-2
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**3.1**		2.5	0.54	ug/m3			02/24/21 11:59	1
Chloromethane	**1.5**		1.0	0.23	ug/m3			02/24/21 11:59	1
Vinyl chloride	**1.7**		0.20	0.11	ug/m3			02/24/21 11:59	1
Bromomethane	ND		0.78	0.20	ug/m3			02/24/21 11:59	1
Chloroethane	ND		1.3	0.14	ug/m3			02/24/21 11:59	1
Trichlorofluoromethane	**1.9**		1.1	0.34	ug/m3			02/24/21 11:59	1
1,1,2-Trichlorotrifluoroethane	**0.62**	**J**	1.5	0.29	ug/m3			02/24/21 11:59	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/24/21 11:59	1
Acetone	**70**		12	2.9	ug/m3			02/24/21 11:59	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/24/21 11:59	1
Methylene Chloride	**2.2**		1.7	0.94	ug/m3			02/24/21 11:59	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/24/21 11:59	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/24/21 11:59	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/24/21 11:59	1
Methyl Ethyl Ketone (2-Butanone)	**3.5**		1.5	0.21	ug/m3			02/24/21 11:59	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/24/21 11:59	1
Chloroform	ND		0.98	0.16	ug/m3			02/24/21 11:59	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 11:59	1
Cyclohexane	**0.24**	**J**	0.69	0.16	ug/m3			02/24/21 11:59	1
Carbon tetrachloride	**0.47**		0.22	0.15	ug/m3			02/24/21 11:59	1
Benzene	**1.2**		0.64	0.21	ug/m3			02/24/21 11:59	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/24/21 11:59	1
Trichloroethene	**0.27**		0.20	0.19	ug/m3			02/24/21 11:59	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/24/21 11:59	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/24/21 11:59	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/24/21 11:59	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.45**	**J**	2.0	0.15	ug/m3			02/24/21 11:59	1
Toluene	**2.5**		0.75	0.41	ug/m3			02/24/21 11:59	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/24/21 11:59	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 11:59	1
Tetrachloroethene	**21**		1.4	0.22	ug/m3			02/24/21 11:59	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/24/21 11:59	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/24/21 11:59	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/24/21 11:59	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/24/21 11:59	1
Ethylbenzene	**0.34**	**J**	0.87	0.27	ug/m3			02/24/21 11:59	1
m,p-Xylene	**1.2**	**J**	2.2	0.43	ug/m3			02/24/21 11:59	1
o-Xylene	**1.2**		0.87	0.21	ug/m3			02/24/21 11:59	1
Xylene (total)	**2.4**	**J**	3.0	0.21	ug/m3			02/24/21 11:59	1
Styrene	ND		0.85	0.17	ug/m3			02/24/21 11:59	1
Bromoform	ND		2.1	0.50	ug/m3			02/24/21 11:59	1
Isopropylbenzene (cumene)	**2.2**		0.98	0.17	ug/m3			02/24/21 11:59	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/24/21 11:59	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/24/21 11:59	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/24/21 11:59	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/24/21 11:59	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/24/21 11:59	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: VU9-IA-021621-0855

Date Collected: 02/16/21 15:55
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-2

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.63**		0.50	0.11	ppb v/v			02/24/21 11:59	1
Chloromethane	**0.73**		0.50	0.11	ppb v/v			02/24/21 11:59	1
Vinyl chloride	**0.65**		0.078	0.044	ppb v/v			02/24/21 11:59	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/24/21 11:59	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/24/21 11:59	1
Trichlorofluoromethane	**0.34**		0.20	0.060	ppb v/v			02/24/21 11:59	1
1,1,2-Trichlorotrifluoroethane	**0.081**	**J**	0.20	0.038	ppb v/v			02/24/21 11:59	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/24/21 11:59	1
Acetone	**29**		5.0	1.2	ppb v/v			02/24/21 11:59	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/24/21 11:59	1
Methylene Chloride	**0.62**		0.50	0.27	ppb v/v			02/24/21 11:59	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/24/21 11:59	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/24/21 11:59	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/24/21 11:59	1
Methyl Ethyl Ketone (2-Butanone)	**1.2**		0.50	0.072	ppb v/v			02/24/21 11:59	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/24/21 11:59	1
Chloroform	ND		0.20	0.032	ppb v/v			02/24/21 11:59	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 11:59	1
Cyclohexane	**0.069**	**J**	0.20	0.046	ppb v/v			02/24/21 11:59	1
Carbon tetrachloride	**0.075**		0.035	0.024	ppb v/v			02/24/21 11:59	1
Benzene	**0.38**		0.20	0.067	ppb v/v			02/24/21 11:59	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/24/21 11:59	1
Trichloroethene	**0.051**		0.037	0.035	ppb v/v			02/24/21 11:59	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/24/21 11:59	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/24/21 11:59	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/24/21 11:59	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.11**	**J**	0.50	0.036	ppb v/v			02/24/21 11:59	1
Toluene	**0.67**		0.20	0.11	ppb v/v			02/24/21 11:59	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/24/21 11:59	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 11:59	1
Tetrachloroethene	**3.1**		0.20	0.033	ppb v/v			02/24/21 11:59	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/24/21 11:59	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/24/21 11:59	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/24/21 11:59	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/24/21 11:59	1
Ethylbenzene	**0.078**	**J**	0.20	0.063	ppb v/v			02/24/21 11:59	1
m,p-Xylene	**0.28**	**J**	0.50	0.10	ppb v/v			02/24/21 11:59	1
o-Xylene	**0.28**		0.20	0.048	ppb v/v			02/24/21 11:59	1
Xylene (total)	**0.55**	**J**	0.70	0.048	ppb v/v			02/24/21 11:59	1
Styrene	ND		0.20	0.040	ppb v/v			02/24/21 11:59	1
Bromoform	ND		0.20	0.048	ppb v/v			02/24/21 11:59	1
Isopropylbenzene (cumene)	**0.45**		0.20	0.035	ppb v/v			02/24/21 11:59	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/24/21 11:59	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/24/21 11:59	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/24/21 11:59	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/24/21 11:59	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/24/21 11:59	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: AA01-021621-1100

Lab Sample ID: 200-57323-3

Date Collected: 02/16/21 18:00
Matrix: Air
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.6**		2.5	0.54	ug/m3			02/24/21 12:52	1
Chloromethane	**1.4**		1.0	0.23	ug/m3			02/24/21 12:52	1
Vinyl chloride	**4.0**		0.20	0.11	ug/m3			02/24/21 12:52	1
Bromomethane	ND		0.78	0.20	ug/m3			02/24/21 12:52	1
Chloroethane	ND		1.3	0.14	ug/m3			02/24/21 12:52	1
Trichlorofluoromethane	**1.7**		1.1	0.34	ug/m3			02/24/21 12:52	1
1,1,2-Trichlorotrifluoroethane	**0.60**	**J**	1.5	0.29	ug/m3			02/24/21 12:52	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/24/21 12:52	1
Acetone	**9.4**	**J**	12	2.9	ug/m3			02/24/21 12:52	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/24/21 12:52	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/24/21 12:52	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/24/21 12:52	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/24/21 12:52	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/24/21 12:52	1
Methyl Ethyl Ketone (2-Butanone)	**1.0**	**J**	1.5	0.21	ug/m3			02/24/21 12:52	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/24/21 12:52	1
Chloroform	ND		0.98	0.16	ug/m3			02/24/21 12:52	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 12:52	1
Cyclohexane	ND		0.69	0.16	ug/m3			02/24/21 12:52	1
Carbon tetrachloride	**0.50**		0.22	0.15	ug/m3			02/24/21 12:52	1
Benzene	**0.61**	**J**	0.64	0.21	ug/m3			02/24/21 12:52	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/24/21 12:52	1
Trichloroethene	ND		0.20	0.19	ug/m3			02/24/21 12:52	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/24/21 12:52	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/24/21 12:52	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/24/21 12:52	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/24/21 12:52	1
Toluene	**2.2**		0.75	0.41	ug/m3			02/24/21 12:52	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/24/21 12:52	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 12:52	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/24/21 12:52	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/24/21 12:52	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/24/21 12:52	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/24/21 12:52	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/24/21 12:52	1
Ethylbenzene	ND		0.87	0.27	ug/m3			02/24/21 12:52	1
m,p-Xylene	ND		2.2	0.43	ug/m3			02/24/21 12:52	1
o-Xylene	ND		0.87	0.21	ug/m3			02/24/21 12:52	1
Xylene (total)	ND		3.0	0.21	ug/m3			02/24/21 12:52	1
Styrene	ND		0.85	0.17	ug/m3			02/24/21 12:52	1
Bromoform	ND		2.1	0.50	ug/m3			02/24/21 12:52	1
Isopropylbenzene (cumene)	ND		0.98	0.17	ug/m3			02/24/21 12:52	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/24/21 12:52	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/24/21 12:52	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/24/21 12:52	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/24/21 12:52	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/24/21 12:52	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: AA01-021621-1100
Date Collected: 02/16/21 18:00
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-3
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.52**		0.50	0.11	ppb v/v			02/24/21 12:52	1
Chloromethane	**0.67**		0.50	0.11	ppb v/v			02/24/21 12:52	1
Vinyl chloride	**1.5**		0.078	0.044	ppb v/v			02/24/21 12:52	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/24/21 12:52	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/24/21 12:52	1
Trichlorofluoromethane	**0.30**		0.20	0.060	ppb v/v			02/24/21 12:52	1
1,1,2-Trichlorotrifluoroethane	**0.078**	**J**	0.20	0.038	ppb v/v			02/24/21 12:52	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/24/21 12:52	1
Acetone	**4.0**	**J**	5.0	1.2	ppb v/v			02/24/21 12:52	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/24/21 12:52	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/24/21 12:52	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/24/21 12:52	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/24/21 12:52	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/24/21 12:52	1
Methyl Ethyl Ketone (2-Butanone)	**0.35**	**J**	0.50	0.072	ppb v/v			02/24/21 12:52	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/24/21 12:52	1
Chloroform	ND		0.20	0.032	ppb v/v			02/24/21 12:52	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 12:52	1
Cyclohexane	ND		0.20	0.046	ppb v/v			02/24/21 12:52	1
Carbon tetrachloride	**0.079**		0.035	0.024	ppb v/v			02/24/21 12:52	1
Benzene	**0.19**	**J**	0.20	0.067	ppb v/v			02/24/21 12:52	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/24/21 12:52	1
Trichloroethene	ND		0.037	0.035	ppb v/v			02/24/21 12:52	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/24/21 12:52	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/24/21 12:52	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/24/21 12:52	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/24/21 12:52	1
Toluene	**0.59**		0.20	0.11	ppb v/v			02/24/21 12:52	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/24/21 12:52	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 12:52	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/24/21 12:52	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/24/21 12:52	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/24/21 12:52	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/24/21 12:52	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/24/21 12:52	1
Ethylbenzene	ND		0.20	0.063	ppb v/v			02/24/21 12:52	1
m,p-Xylene	ND		0.50	0.10	ppb v/v			02/24/21 12:52	1
o-Xylene	ND		0.20	0.048	ppb v/v			02/24/21 12:52	1
Xylene (total)	ND		0.70	0.048	ppb v/v			02/24/21 12:52	1
Styrene	ND		0.20	0.040	ppb v/v			02/24/21 12:52	1
Bromoform	ND		0.20	0.048	ppb v/v			02/24/21 12:52	1
Isopropylbenzene (cumene)	ND		0.20	0.035	ppb v/v			02/24/21 12:52	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/24/21 12:52	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/24/21 12:52	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/24/21 12:52	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/24/21 12:52	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/24/21 12:52	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: SS13-SV-021621-0945

Lab Sample ID: 200-57323-4

Date Collected: 02/16/21 16:07
Matrix: Air
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.7**		2.5	0.54	ug/m3			02/24/21 17:16	1
Chloromethane	**0.86**	**J**	1.0	0.23	ug/m3			02/24/21 17:16	1
Vinyl chloride	ND		0.20	0.11	ug/m3			02/24/21 17:16	1
Bromomethane	ND		0.78	0.20	ug/m3			02/24/21 17:16	1
Chloroethane	ND		1.3	0.14	ug/m3			02/24/21 17:16	1
Trichlorofluoromethane	**1.8**		1.1	0.34	ug/m3			02/24/21 17:16	1
1,1,2-Trichlorotrifluoroethane	**1.2**	**J**	1.5	0.29	ug/m3			02/24/21 17:16	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/24/21 17:16	1
Acetone	**520**	**E**	12	2.9	ug/m3			02/24/21 17:16	1
Carbon disulfide	**2.9**		1.6	0.23	ug/m3			02/24/21 17:16	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/24/21 17:16	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/24/21 17:16	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/24/21 17:16	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/24/21 17:16	1
Methyl Ethyl Ketone (2-Butanone)	**9.9**		1.5	0.21	ug/m3			02/24/21 17:16	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/24/21 17:16	1
Chloroform	**4.9**		0.98	0.16	ug/m3			02/24/21 17:16	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 17:16	1
Cyclohexane	**19**		0.69	0.16	ug/m3			02/24/21 17:16	1
Carbon tetrachloride	**0.23**		0.22	0.15	ug/m3			02/24/21 17:16	1
Benzene	**16**		0.64	0.21	ug/m3			02/24/21 17:16	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/24/21 17:16	1
Trichloroethene	**32**		0.20	0.19	ug/m3			02/24/21 17:16	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/24/21 17:16	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/24/21 17:16	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/24/21 17:16	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.98**	**J**	2.0	0.15	ug/m3			02/24/21 17:16	1
Toluene	**35**		0.75	0.41	ug/m3			02/24/21 17:16	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/24/21 17:16	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 17:16	1
Tetrachloroethene	**43**		1.4	0.22	ug/m3			02/24/21 17:16	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/24/21 17:16	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/24/21 17:16	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/24/21 17:16	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/24/21 17:16	1
Ethylbenzene	**14**		0.87	0.27	ug/m3			02/24/21 17:16	1
m,p-Xylene	**60**		2.2	0.43	ug/m3			02/24/21 17:16	1
o-Xylene	**23**		0.87	0.21	ug/m3			02/24/21 17:16	1
Xylene (total)	**83**		3.0	0.21	ug/m3			02/24/21 17:16	1
Styrene	**1.8**		0.85	0.17	ug/m3			02/24/21 17:16	1
Bromoform	ND		2.1	0.50	ug/m3			02/24/21 17:16	1
Isopropylbenzene (cumene)	**14**		0.98	0.17	ug/m3			02/24/21 17:16	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/24/21 17:16	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/24/21 17:16	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/24/21 17:16	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/24/21 17:16	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/24/21 17:16	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: SS13-SV-021621-0945
Date Collected: 02/16/21 16:07
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-4
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.55**		0.50	0.11	ppb v/v			02/24/21 17:16	1
Chloromethane	**0.42**	**J**	0.50	0.11	ppb v/v			02/24/21 17:16	1
Vinyl chloride	ND		0.078	0.044	ppb v/v			02/24/21 17:16	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/24/21 17:16	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/24/21 17:16	1
Trichlorofluoromethane	**0.32**		0.20	0.060	ppb v/v			02/24/21 17:16	1
1,1,2-Trichlorotrifluoroethane	**0.16**	**J**	0.20	0.038	ppb v/v			02/24/21 17:16	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/24/21 17:16	1
Acetone	**220**	**E**	5.0	1.2	ppb v/v			02/24/21 17:16	1
Carbon disulfide	**0.94**		0.50	0.074	ppb v/v			02/24/21 17:16	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/24/21 17:16	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/24/21 17:16	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/24/21 17:16	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/24/21 17:16	1
Methyl Ethyl Ketone (2-Butanone)	**3.4**		0.50	0.072	ppb v/v			02/24/21 17:16	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/24/21 17:16	1
Chloroform	**1.0**		0.20	0.032	ppb v/v			02/24/21 17:16	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 17:16	1
Cyclohexane	**5.5**		0.20	0.046	ppb v/v			02/24/21 17:16	1
Carbon tetrachloride	**0.036**		0.035	0.024	ppb v/v			02/24/21 17:16	1
Benzene	**5.1**		0.20	0.067	ppb v/v			02/24/21 17:16	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/24/21 17:16	1
Trichloroethene	**5.9**		0.037	0.035	ppb v/v			02/24/21 17:16	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/24/21 17:16	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/24/21 17:16	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/24/21 17:16	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.24**	**J**	0.50	0.036	ppb v/v			02/24/21 17:16	1
Toluene	**9.4**		0.20	0.11	ppb v/v			02/24/21 17:16	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/24/21 17:16	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 17:16	1
Tetrachloroethene	**6.4**		0.20	0.033	ppb v/v			02/24/21 17:16	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/24/21 17:16	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/24/21 17:16	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/24/21 17:16	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/24/21 17:16	1
Ethylbenzene	**3.1**		0.20	0.063	ppb v/v			02/24/21 17:16	1
m,p-Xylene	**14**		0.50	0.10	ppb v/v			02/24/21 17:16	1
o-Xylene	**5.2**		0.20	0.048	ppb v/v			02/24/21 17:16	1
Xylene (total)	**19**		0.70	0.048	ppb v/v			02/24/21 17:16	1
Styrene	**0.42**		0.20	0.040	ppb v/v			02/24/21 17:16	1
Bromoform	ND		0.20	0.048	ppb v/v			02/24/21 17:16	1
Isopropylbenzene (cumene)	**2.9**		0.20	0.035	ppb v/v			02/24/21 17:16	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/24/21 17:16	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/24/21 17:16	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/24/21 17:16	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/24/21 17:16	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/24/21 17:16	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: SS13-SV-021621-0945
Date Collected: 02/16/21 16:07
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-4
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		25	5.4	ug/m3			02/26/21 03:02	10
Chloromethane	ND	*+	10	2.3	ug/m3			02/26/21 03:02	10
Vinyl chloride	ND		2.0	1.1	ug/m3			02/26/21 03:02	10
Bromomethane	ND		7.8	2.0	ug/m3			02/26/21 03:02	10
Chloroethane	ND		13	1.4	ug/m3			02/26/21 03:02	10
Trichlorofluoromethane	ND		11	3.4	ug/m3			02/26/21 03:02	10
1,1,2-Trichlorotrifluoroethane	ND		15	2.9	ug/m3			02/26/21 03:02	10
1,1-Dichloroethene	ND		2.0	1.5	ug/m3			02/26/21 03:02	10
Acetone	**180**		120	29	ug/m3			02/26/21 03:02	10
Carbon disulfide	ND		16	2.3	ug/m3			02/26/21 03:02	10
Methylene Chloride	ND		17	9.4	ug/m3			02/26/21 03:02	10
Methyl tert-butyl ether	ND		7.2	1.2	ug/m3			02/26/21 03:02	10
trans-1,2-Dichloroethene	ND		7.9	1.7	ug/m3			02/26/21 03:02	10
1,1-Dichloroethane	ND		8.1	1.7	ug/m3			02/26/21 03:02	10
Methyl Ethyl Ketone (2-Butanone)	ND		15	2.1	ug/m3			02/26/21 03:02	10
cis-1,2-Dichloroethene	ND		2.0	1.8	ug/m3			02/26/21 03:02	10
Chloroform	ND		9.8	1.6	ug/m3			02/26/21 03:02	10
1,1,1-Trichloroethane	ND		11	2.0	ug/m3			02/26/21 03:02	10
Cyclohexane	**10**		6.9	1.6	ug/m3			02/26/21 03:02	10
Carbon tetrachloride	ND		2.2	1.5	ug/m3			02/26/21 03:02	10
Benzene	**5.6**	**J**	6.4	2.1	ug/m3			02/26/21 03:02	10
1,2-Dichloroethane	ND		8.1	1.3	ug/m3			02/26/21 03:02	10
Trichloroethene	**14**		2.0	1.9	ug/m3			02/26/21 03:02	10
1,2-Dichloropropane	ND		9.2	1.5	ug/m3			02/26/21 03:02	10
Bromodichloromethane	ND		13	2.3	ug/m3			02/26/21 03:02	10
cis-1,3-Dichloropropene	ND		9.1	1.5	ug/m3			02/26/21 03:02	10
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		20	1.5	ug/m3			02/26/21 03:02	10
Toluene	**13**		7.5	4.1	ug/m3			02/26/21 03:02	10
trans-1,3-Dichloropropene	ND		9.1	1.8	ug/m3			02/26/21 03:02	10
1,1,2-Trichloroethane	ND		11	2.0	ug/m3			02/26/21 03:02	10
Tetrachloroethene	**22**		14	2.2	ug/m3			02/26/21 03:02	10
Methyl Butyl Ketone (2-Hexanone)	ND		20	2.0	ug/m3			02/26/21 03:02	10
Dibromochloromethane	ND		17	3.1	ug/m3			02/26/21 03:02	10
1,2-Dibromoethane	ND		15	3.8	ug/m3			02/26/21 03:02	10
Chlorobenzene	ND		9.2	2.6	ug/m3			02/26/21 03:02	10
Ethylbenzene	**7.2**	**J B**	8.7	2.7	ug/m3			02/26/21 03:02	10
m,p-Xylene	**20**	**J**	22	4.3	ug/m3			02/26/21 03:02	10
o-Xylene	**9.6**		8.7	2.1	ug/m3			02/26/21 03:02	10
Xylene (total)	**30**		30	2.1	ug/m3			02/26/21 03:02	10
Styrene	ND		8.5	1.7	ug/m3			02/26/21 03:02	10
Bromoform	ND		21	5.0	ug/m3			02/26/21 03:02	10
Isopropylbenzene (cumene)	**5.0**	**J**	9.8	1.7	ug/m3			02/26/21 03:02	10
1,1,2,2-Tetrachloroethane	ND		14	2.9	ug/m3			02/26/21 03:02	10
1,3-Dichlorobenzene	ND		12	6.6	ug/m3			02/26/21 03:02	10
1,4-Dichlorobenzene	ND		12	7.2	ug/m3			02/26/21 03:02	10
1,2-Dichlorobenzene	ND		12	5.8	ug/m3			02/26/21 03:02	10
1,2,4-Trichlorobenzene	ND		37	16	ug/m3			02/26/21 03:02	10

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: SS13-SV-021621-0945
Date Collected: 02/16/21 16:07
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-4
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		5.0	1.1	ppb v/v			02/26/21 03:02	10
Chloromethane	ND	*+	5.0	1.1	ppb v/v			02/26/21 03:02	10
Vinyl chloride	ND		0.78	0.44	ppb v/v			02/26/21 03:02	10
Bromomethane	ND		2.0	0.51	ppb v/v			02/26/21 03:02	10
Chloroethane	ND		5.0	0.54	ppb v/v			02/26/21 03:02	10
Trichlorofluoromethane	ND		2.0	0.60	ppb v/v			02/26/21 03:02	10
1,1,2-Trichlorotrifluoroethane	ND		2.0	0.38	ppb v/v			02/26/21 03:02	10
1,1-Dichloroethene	ND		0.50	0.39	ppb v/v			02/26/21 03:02	10
Acetone	**77**		50	12	ppb v/v			02/26/21 03:02	10
Carbon disulfide	ND		5.0	0.74	ppb v/v			02/26/21 03:02	10
Methylene Chloride	ND		5.0	2.7	ppb v/v			02/26/21 03:02	10
Methyl tert-butyl ether	ND		2.0	0.33	ppb v/v			02/26/21 03:02	10
trans-1,2-Dichloroethene	ND		2.0	0.42	ppb v/v			02/26/21 03:02	10
1,1-Dichloroethane	ND		2.0	0.41	ppb v/v			02/26/21 03:02	10
Methyl Ethyl Ketone (2-Butanone)	ND		5.0	0.72	ppb v/v			02/26/21 03:02	10
cis-1,2-Dichloroethene	ND		0.50	0.45	ppb v/v			02/26/21 03:02	10
Chloroform	ND		2.0	0.32	ppb v/v			02/26/21 03:02	10
1,1,1-Trichloroethane	ND		2.0	0.36	ppb v/v			02/26/21 03:02	10
Cyclohexane	**3.0**		2.0	0.46	ppb v/v			02/26/21 03:02	10
Carbon tetrachloride	ND		0.35	0.24	ppb v/v			02/26/21 03:02	10
Benzene	**1.8**	**J**	2.0	0.67	ppb v/v			02/26/21 03:02	10
1,2-Dichloroethane	ND		2.0	0.32	ppb v/v			02/26/21 03:02	10
Trichloroethene	**2.6**		0.37	0.35	ppb v/v			02/26/21 03:02	10
1,2-Dichloropropane	ND		2.0	0.33	ppb v/v			02/26/21 03:02	10
Bromodichloromethane	ND		2.0	0.35	ppb v/v			02/26/21 03:02	10
cis-1,3-Dichloropropene	ND		2.0	0.32	ppb v/v			02/26/21 03:02	10
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		5.0	0.36	ppb v/v			02/26/21 03:02	10
Toluene	**3.5**		2.0	1.1	ppb v/v			02/26/21 03:02	10
trans-1,3-Dichloropropene	ND		2.0	0.39	ppb v/v			02/26/21 03:02	10
1,1,2-Trichloroethane	ND		2.0	0.36	ppb v/v			02/26/21 03:02	10
Tetrachloroethene	**3.2**		2.0	0.33	ppb v/v			02/26/21 03:02	10
Methyl Butyl Ketone (2-Hexanone)	ND		5.0	0.48	ppb v/v			02/26/21 03:02	10
Dibromochloromethane	ND		2.0	0.36	ppb v/v			02/26/21 03:02	10
1,2-Dibromoethane	ND		2.0	0.49	ppb v/v			02/26/21 03:02	10
Chlorobenzene	ND		2.0	0.56	ppb v/v			02/26/21 03:02	10
Ethylbenzene	**1.7**	**J B**	2.0	0.63	ppb v/v			02/26/21 03:02	10
m,p-Xylene	**4.6**	**J**	5.0	1.0	ppb v/v			02/26/21 03:02	10
o-Xylene	**2.2**		2.0	0.48	ppb v/v			02/26/21 03:02	10
Xylene (total)	**6.8**		7.0	0.48	ppb v/v			02/26/21 03:02	10
Styrene	ND		2.0	0.40	ppb v/v			02/26/21 03:02	10
Bromoform	ND		2.0	0.48	ppb v/v			02/26/21 03:02	10
Isopropylbenzene (cumene)	**1.0**	**J**	2.0	0.35	ppb v/v			02/26/21 03:02	10
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ppb v/v			02/26/21 03:02	10
1,3-Dichlorobenzene	ND		2.0	1.1	ppb v/v			02/26/21 03:02	10
1,4-Dichlorobenzene	ND		2.0	1.2	ppb v/v			02/26/21 03:02	10
1,2-Dichlorobenzene	ND		2.0	0.97	ppb v/v			02/26/21 03:02	10
1,2,4-Trichlorobenzene	ND		5.0	2.2	ppb v/v			02/26/21 03:02	10

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: SS13-IA-021621-1130
Date Collected: 02/16/21 18:05
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-5
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.4**	**J**	2.5	0.54	ug/m3			02/24/21 13:45	1
Chloromethane	**1.3**		1.0	0.23	ug/m3			02/24/21 13:45	1
Vinyl chloride	**3.6**		0.20	0.11	ug/m3			02/24/21 13:45	1
Bromomethane	ND		0.78	0.20	ug/m3			02/24/21 13:45	1
Chloroethane	ND		1.3	0.14	ug/m3			02/24/21 13:45	1
Trichlorofluoromethane	**1.7**		1.1	0.34	ug/m3			02/24/21 13:45	1
1,1,2-Trichlorotrifluoroethane	**0.57**	**J**	1.5	0.29	ug/m3			02/24/21 13:45	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/24/21 13:45	1
Acetone	**9.2**	**J**	12	2.9	ug/m3			02/24/21 13:45	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/24/21 13:45	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/24/21 13:45	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/24/21 13:45	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/24/21 13:45	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/24/21 13:45	1
Methyl Ethyl Ketone (2-Butanone)	**1.5**		1.5	0.21	ug/m3			02/24/21 13:45	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/24/21 13:45	1
Chloroform	ND		0.98	0.16	ug/m3			02/24/21 13:45	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 13:45	1
Cyclohexane	ND		0.69	0.16	ug/m3			02/24/21 13:45	1
Carbon tetrachloride	**0.48**		0.22	0.15	ug/m3			02/24/21 13:45	1
Benzene	**0.62**	**J**	0.64	0.21	ug/m3			02/24/21 13:45	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/24/21 13:45	1
Trichloroethene	ND		0.20	0.19	ug/m3			02/24/21 13:45	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/24/21 13:45	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/24/21 13:45	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/24/21 13:45	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/24/21 13:45	1
Toluene	**2.6**		0.75	0.41	ug/m3			02/24/21 13:45	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/24/21 13:45	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 13:45	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/24/21 13:45	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/24/21 13:45	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/24/21 13:45	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/24/21 13:45	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/24/21 13:45	1
Ethylbenzene	ND		0.87	0.27	ug/m3			02/24/21 13:45	1
m,p-Xylene	**0.86**	**J**	2.2	0.43	ug/m3			02/24/21 13:45	1
o-Xylene	**1.2**		0.87	0.21	ug/m3			02/24/21 13:45	1
Xylene (total)	**2.1**	**J**	3.0	0.21	ug/m3			02/24/21 13:45	1
Styrene	ND		0.85	0.17	ug/m3			02/24/21 13:45	1
Bromoform	ND		2.1	0.50	ug/m3			02/24/21 13:45	1
Isopropylbenzene (cumene)	**1.8**		0.98	0.17	ug/m3			02/24/21 13:45	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/24/21 13:45	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/24/21 13:45	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/24/21 13:45	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/24/21 13:45	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/24/21 13:45	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: SS13-IA-021621-1130

Lab Sample ID: 200-57323-5

Date Collected: 02/16/21 18:05

Matrix: Air

Date Received: 02/23/21 11:00

Sample Container: Summa Canister 6L

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.48**	**J**	0.50	0.11	ppb v/v			02/24/21 13:45	1
Chloromethane	**0.65**		0.50	0.11	ppb v/v			02/24/21 13:45	1
Vinyl chloride	**1.4**		0.078	0.044	ppb v/v			02/24/21 13:45	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/24/21 13:45	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/24/21 13:45	1
Trichlorofluoromethane	**0.29**		0.20	0.060	ppb v/v			02/24/21 13:45	1
1,1,2-Trichlorotrifluoroethane	**0.074**	**J**	0.20	0.038	ppb v/v			02/24/21 13:45	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/24/21 13:45	1
Acetone	**3.9**	**J**	5.0	1.2	ppb v/v			02/24/21 13:45	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/24/21 13:45	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/24/21 13:45	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/24/21 13:45	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/24/21 13:45	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/24/21 13:45	1
Methyl Ethyl Ketone (2-Butanone)	**0.51**		0.50	0.072	ppb v/v			02/24/21 13:45	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/24/21 13:45	1
Chloroform	ND		0.20	0.032	ppb v/v			02/24/21 13:45	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 13:45	1
Cyclohexane	ND		0.20	0.046	ppb v/v			02/24/21 13:45	1
Carbon tetrachloride	**0.076**		0.035	0.024	ppb v/v			02/24/21 13:45	1
Benzene	**0.20**	**J**	0.20	0.067	ppb v/v			02/24/21 13:45	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/24/21 13:45	1
Trichloroethene	ND		0.037	0.035	ppb v/v			02/24/21 13:45	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/24/21 13:45	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/24/21 13:45	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/24/21 13:45	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/24/21 13:45	1
Toluene	**0.70**		0.20	0.11	ppb v/v			02/24/21 13:45	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/24/21 13:45	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 13:45	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/24/21 13:45	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/24/21 13:45	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/24/21 13:45	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/24/21 13:45	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/24/21 13:45	1
Ethylbenzene	ND		0.20	0.063	ppb v/v			02/24/21 13:45	1
m,p-Xylene	**0.20**	**J**	0.50	0.10	ppb v/v			02/24/21 13:45	1
o-Xylene	**0.27**		0.20	0.048	ppb v/v			02/24/21 13:45	1
Xylene (total)	**0.47**	**J**	0.70	0.048	ppb v/v			02/24/21 13:45	1
Styrene	ND		0.20	0.040	ppb v/v			02/24/21 13:45	1
Bromoform	ND		0.20	0.048	ppb v/v			02/24/21 13:45	1
Isopropylbenzene (cumene)	**0.37**		0.20	0.035	ppb v/v			02/24/21 13:45	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/24/21 13:45	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/24/21 13:45	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/24/21 13:45	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/24/21 13:45	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/24/21 13:45	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: SS37-SV-021621-1020
Date Collected: 02/16/21 17:25
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-6
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**3.4**		2.5	0.54	ug/m3			02/24/21 19:02	1
Chloromethane	**0.61**	**J**	1.0	0.23	ug/m3			02/24/21 19:02	1
Vinyl chloride	ND		0.20	0.11	ug/m3			02/24/21 19:02	1
Bromomethane	ND		0.78	0.20	ug/m3			02/24/21 19:02	1
Chloroethane	ND		1.3	0.14	ug/m3			02/24/21 19:02	1
Trichlorofluoromethane	**1.5**		1.1	0.34	ug/m3			02/24/21 19:02	1
1,1,2-Trichlorotrifluoroethane	**0.66**	**J**	1.5	0.29	ug/m3			02/24/21 19:02	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/24/21 19:02	1
Acetone	**760**	**E**	12	2.9	ug/m3			02/24/21 19:02	1
Carbon disulfide	**2.0**		1.6	0.23	ug/m3			02/24/21 19:02	1
Methylene Chloride	**1.6**	**J**	1.7	0.94	ug/m3			02/24/21 19:02	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/24/21 19:02	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/24/21 19:02	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/24/21 19:02	1
Methyl Ethyl Ketone (2-Butanone)	**7.0**		1.5	0.21	ug/m3			02/24/21 19:02	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/24/21 19:02	1
Chloroform	**0.22**	**J**	0.98	0.16	ug/m3			02/24/21 19:02	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 19:02	1
Cyclohexane	**20**		0.69	0.16	ug/m3			02/24/21 19:02	1
Carbon tetrachloride	**0.32**		0.22	0.15	ug/m3			02/24/21 19:02	1
Benzene	**9.0**		0.64	0.21	ug/m3			02/24/21 19:02	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/24/21 19:02	1
Trichloroethene	**21**		0.20	0.19	ug/m3			02/24/21 19:02	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/24/21 19:02	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/24/21 19:02	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/24/21 19:02	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**1.6**	**J**	2.0	0.15	ug/m3			02/24/21 19:02	1
Toluene	**25**		0.75	0.41	ug/m3			02/24/21 19:02	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/24/21 19:02	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 19:02	1
Tetrachloroethene	**13**		1.4	0.22	ug/m3			02/24/21 19:02	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/24/21 19:02	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/24/21 19:02	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/24/21 19:02	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/24/21 19:02	1
Ethylbenzene	**6.3**		0.87	0.27	ug/m3			02/24/21 19:02	1
m,p-Xylene	**33**		2.2	0.43	ug/m3			02/24/21 19:02	1
o-Xylene	**10**		0.87	0.21	ug/m3			02/24/21 19:02	1
Xylene (total)	**43**		3.0	0.21	ug/m3			02/24/21 19:02	1
Styrene	**2.3**		0.85	0.17	ug/m3			02/24/21 19:02	1
Bromoform	ND		2.1	0.50	ug/m3			02/24/21 19:02	1
Isopropylbenzene (cumene)	**1.0**		0.98	0.17	ug/m3			02/24/21 19:02	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/24/21 19:02	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/24/21 19:02	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/24/21 19:02	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/24/21 19:02	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/24/21 19:02	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: SS37-SV-021621-1020
Date Collected: 02/16/21 17:25
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-6
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.68**		0.50	0.11	ppb v/v			02/24/21 19:02	1
Chloromethane	**0.30**	**J**	0.50	0.11	ppb v/v			02/24/21 19:02	1
Vinyl chloride	ND		0.078	0.044	ppb v/v			02/24/21 19:02	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/24/21 19:02	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/24/21 19:02	1
Trichlorofluoromethane	**0.28**		0.20	0.060	ppb v/v			02/24/21 19:02	1
1,1,2-Trichlorotrifluoroethane	**0.086**	**J**	0.20	0.038	ppb v/v			02/24/21 19:02	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/24/21 19:02	1
Acetone	**320**	**E**	5.0	1.2	ppb v/v			02/24/21 19:02	1
Carbon disulfide	**0.66**		0.50	0.074	ppb v/v			02/24/21 19:02	1
Methylene Chloride	**0.46**	**J**	0.50	0.27	ppb v/v			02/24/21 19:02	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/24/21 19:02	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/24/21 19:02	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/24/21 19:02	1
Methyl Ethyl Ketone (2-Butanone)	**2.4**		0.50	0.072	ppb v/v			02/24/21 19:02	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/24/21 19:02	1
Chloroform	**0.045**	**J**	0.20	0.032	ppb v/v			02/24/21 19:02	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 19:02	1
Cyclohexane	**5.8**		0.20	0.046	ppb v/v			02/24/21 19:02	1
Carbon tetrachloride	**0.052**		0.035	0.024	ppb v/v			02/24/21 19:02	1
Benzene	**2.8**		0.20	0.067	ppb v/v			02/24/21 19:02	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/24/21 19:02	1
Trichloroethene	**3.9**		0.037	0.035	ppb v/v			02/24/21 19:02	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/24/21 19:02	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/24/21 19:02	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/24/21 19:02	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.40**	**J**	0.50	0.036	ppb v/v			02/24/21 19:02	1
Toluene	**6.6**		0.20	0.11	ppb v/v			02/24/21 19:02	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/24/21 19:02	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 19:02	1
Tetrachloroethene	**2.0**		0.20	0.033	ppb v/v			02/24/21 19:02	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/24/21 19:02	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/24/21 19:02	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/24/21 19:02	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/24/21 19:02	1
Ethylbenzene	**1.4**		0.20	0.063	ppb v/v			02/24/21 19:02	1
m,p-Xylene	**7.6**		0.50	0.10	ppb v/v			02/24/21 19:02	1
o-Xylene	**2.4**		0.20	0.048	ppb v/v			02/24/21 19:02	1
Xylene (total)	**9.9**		0.70	0.048	ppb v/v			02/24/21 19:02	1
Styrene	**0.53**		0.20	0.040	ppb v/v			02/24/21 19:02	1
Bromoform	ND		0.20	0.048	ppb v/v			02/24/21 19:02	1
Isopropylbenzene (cumene)	**0.21**		0.20	0.035	ppb v/v			02/24/21 19:02	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/24/21 19:02	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/24/21 19:02	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/24/21 19:02	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/24/21 19:02	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/24/21 19:02	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: SS37-SV-021621-1020
Date Collected: 02/16/21 17:25
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-6
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		25	5.4	ug/m3			02/26/21 03:54	10
Chloromethane	ND	*+	10	2.3	ug/m3			02/26/21 03:54	10
Vinyl chloride	ND		2.0	1.1	ug/m3			02/26/21 03:54	10
Bromomethane	ND		7.8	2.0	ug/m3			02/26/21 03:54	10
Chloroethane	ND		13	1.4	ug/m3			02/26/21 03:54	10
Trichlorofluoromethane	ND		11	3.4	ug/m3			02/26/21 03:54	10
1,1,2-Trichlorotrifluoroethane	ND		15	2.9	ug/m3			02/26/21 03:54	10
1,1-Dichloroethene	ND		2.0	1.5	ug/m3			02/26/21 03:54	10
Acetone	**320**		120	29	ug/m3			02/26/21 03:54	10
Carbon disulfide	ND		16	2.3	ug/m3			02/26/21 03:54	10
Methylene Chloride	ND		17	9.4	ug/m3			02/26/21 03:54	10
Methyl tert-butyl ether	ND		7.2	1.2	ug/m3			02/26/21 03:54	10
trans-1,2-Dichloroethene	ND		7.9	1.7	ug/m3			02/26/21 03:54	10
1,1-Dichloroethane	ND		8.1	1.7	ug/m3			02/26/21 03:54	10
Methyl Ethyl Ketone (2-Butanone)	ND		15	2.1	ug/m3			02/26/21 03:54	10
cis-1,2-Dichloroethene	ND		2.0	1.8	ug/m3			02/26/21 03:54	10
Chloroform	ND		9.8	1.6	ug/m3			02/26/21 03:54	10
1,1,1-Trichloroethane	ND		11	2.0	ug/m3			02/26/21 03:54	10
Cyclohexane	ND		6.9	1.6	ug/m3			02/26/21 03:54	10
Carbon tetrachloride	ND		2.2	1.5	ug/m3			02/26/21 03:54	10
Benzene	**5.4**	**J**	6.4	2.1	ug/m3			02/26/21 03:54	10
1,2-Dichloroethane	ND		8.1	1.3	ug/m3			02/26/21 03:54	10
Trichloroethene	**11**		2.0	1.9	ug/m3			02/26/21 03:54	10
1,2-Dichloropropane	ND		9.2	1.5	ug/m3			02/26/21 03:54	10
Bromodichloromethane	ND		13	2.3	ug/m3			02/26/21 03:54	10
cis-1,3-Dichloropropene	ND		9.1	1.5	ug/m3			02/26/21 03:54	10
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		20	1.5	ug/m3			02/26/21 03:54	10
Toluene	**7.8**		7.5	4.1	ug/m3			02/26/21 03:54	10
trans-1,3-Dichloropropene	ND		9.1	1.8	ug/m3			02/26/21 03:54	10
1,1,2-Trichloroethane	ND		11	2.0	ug/m3			02/26/21 03:54	10
Tetrachloroethene	**9.2**	**J**	14	2.2	ug/m3			02/26/21 03:54	10
Methyl Butyl Ketone (2-Hexanone)	ND		20	2.0	ug/m3			02/26/21 03:54	10
Dibromochloromethane	ND		17	3.1	ug/m3			02/26/21 03:54	10
1,2-Dibromoethane	ND		15	3.8	ug/m3			02/26/21 03:54	10
Chlorobenzene	ND		9.2	2.6	ug/m3			02/26/21 03:54	10
Ethylbenzene	ND		8.7	2.7	ug/m3			02/26/21 03:54	10
m,p-Xylene	ND		22	4.3	ug/m3			02/26/21 03:54	10
o-Xylene	**6.1**	**J**	8.7	2.1	ug/m3			02/26/21 03:54	10
Xylene (total)	**6.1**	**J**	30	2.1	ug/m3			02/26/21 03:54	10
Styrene	ND		8.5	1.7	ug/m3			02/26/21 03:54	10
Bromoform	ND		21	5.0	ug/m3			02/26/21 03:54	10
Isopropylbenzene (cumene)	ND		9.8	1.7	ug/m3			02/26/21 03:54	10
1,1,2,2-Tetrachloroethane	ND		14	2.9	ug/m3			02/26/21 03:54	10
1,3-Dichlorobenzene	ND		12	6.6	ug/m3			02/26/21 03:54	10
1,4-Dichlorobenzene	ND		12	7.2	ug/m3			02/26/21 03:54	10
1,2-Dichlorobenzene	ND		12	5.8	ug/m3			02/26/21 03:54	10
1,2,4-Trichlorobenzene	ND		37	16	ug/m3			02/26/21 03:54	10

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: SS37-SV-021621-1020
Date Collected: 02/16/21 17:25
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-6
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		5.0	1.1	ppb v/v			02/26/21 03:54	10
Chloromethane	ND	*+	5.0	1.1	ppb v/v			02/26/21 03:54	10
Vinyl chloride	ND		0.78	0.44	ppb v/v			02/26/21 03:54	10
Bromomethane	ND		2.0	0.51	ppb v/v			02/26/21 03:54	10
Chloroethane	ND		5.0	0.54	ppb v/v			02/26/21 03:54	10
Trichlorofluoromethane	ND		2.0	0.60	ppb v/v			02/26/21 03:54	10
1,1,2-Trichlorotrifluoroethane	ND		2.0	0.38	ppb v/v			02/26/21 03:54	10
1,1-Dichloroethene	ND		0.50	0.39	ppb v/v			02/26/21 03:54	10
Acetone	**130**		50	12	ppb v/v			02/26/21 03:54	10
Carbon disulfide	ND		5.0	0.74	ppb v/v			02/26/21 03:54	10
Methylene Chloride	ND		5.0	2.7	ppb v/v			02/26/21 03:54	10
Methyl tert-butyl ether	ND		2.0	0.33	ppb v/v			02/26/21 03:54	10
trans-1,2-Dichloroethene	ND		2.0	0.42	ppb v/v			02/26/21 03:54	10
1,1-Dichloroethane	ND		2.0	0.41	ppb v/v			02/26/21 03:54	10
Methyl Ethyl Ketone (2-Butanone)	ND		5.0	0.72	ppb v/v			02/26/21 03:54	10
cis-1,2-Dichloroethene	ND		0.50	0.45	ppb v/v			02/26/21 03:54	10
Chloroform	ND		2.0	0.32	ppb v/v			02/26/21 03:54	10
1,1,1-Trichloroethane	ND		2.0	0.36	ppb v/v			02/26/21 03:54	10
Cyclohexane	ND		2.0	0.46	ppb v/v			02/26/21 03:54	10
Carbon tetrachloride	ND		0.35	0.24	ppb v/v			02/26/21 03:54	10
Benzene	**1.7**	**J**	2.0	0.67	ppb v/v			02/26/21 03:54	10
1,2-Dichloroethane	ND		2.0	0.32	ppb v/v			02/26/21 03:54	10
Trichloroethene	**2.0**		0.37	0.35	ppb v/v			02/26/21 03:54	10
1,2-Dichloropropane	ND		2.0	0.33	ppb v/v			02/26/21 03:54	10
Bromodichloromethane	ND		2.0	0.35	ppb v/v			02/26/21 03:54	10
cis-1,3-Dichloropropene	ND		2.0	0.32	ppb v/v			02/26/21 03:54	10
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		5.0	0.36	ppb v/v			02/26/21 03:54	10
Toluene	**2.1**		2.0	1.1	ppb v/v			02/26/21 03:54	10
trans-1,3-Dichloropropene	ND		2.0	0.39	ppb v/v			02/26/21 03:54	10
1,1,2-Trichloroethane	ND		2.0	0.36	ppb v/v			02/26/21 03:54	10
Tetrachloroethene	**1.4**	**J**	2.0	0.33	ppb v/v			02/26/21 03:54	10
Methyl Butyl Ketone (2-Hexanone)	ND		5.0	0.48	ppb v/v			02/26/21 03:54	10
Dibromochloromethane	ND		2.0	0.36	ppb v/v			02/26/21 03:54	10
1,2-Dibromoethane	ND		2.0	0.49	ppb v/v			02/26/21 03:54	10
Chlorobenzene	ND		2.0	0.56	ppb v/v			02/26/21 03:54	10
Ethylbenzene	ND		2.0	0.63	ppb v/v			02/26/21 03:54	10
m,p-Xylene	ND		5.0	1.0	ppb v/v			02/26/21 03:54	10
o-Xylene	**1.4**	**J**	2.0	0.48	ppb v/v			02/26/21 03:54	10
Xylene (total)	**1.4**	**J**	7.0	0.48	ppb v/v			02/26/21 03:54	10
Styrene	ND		2.0	0.40	ppb v/v			02/26/21 03:54	10
Bromoform	ND		2.0	0.48	ppb v/v			02/26/21 03:54	10
Isopropylbenzene (cumene)	ND		2.0	0.35	ppb v/v			02/26/21 03:54	10
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ppb v/v			02/26/21 03:54	10
1,3-Dichlorobenzene	ND		2.0	1.1	ppb v/v			02/26/21 03:54	10
1,4-Dichlorobenzene	ND		2.0	1.2	ppb v/v			02/26/21 03:54	10
1,2-Dichlorobenzene	ND		2.0	0.97	ppb v/v			02/26/21 03:54	10
1,2,4-Trichlorobenzene	ND		5.0	2.2	ppb v/v			02/26/21 03:54	10

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: SS37-IA-021621-1020
Date Collected: 02/16/21 17:25
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-7
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.6**		2.5	0.54	ug/m3			02/24/21 14:38	1
Chloromethane	**1.4**		1.0	0.23	ug/m3			02/24/21 14:38	1
Vinyl chloride	**1.9**		0.20	0.11	ug/m3			02/24/21 14:38	1
Bromomethane	ND		0.78	0.20	ug/m3			02/24/21 14:38	1
Chloroethane	ND		1.3	0.14	ug/m3			02/24/21 14:38	1
Trichlorofluoromethane	**1.6**		1.1	0.34	ug/m3			02/24/21 14:38	1
1,1,2-Trichlorotrifluoroethane	**0.50**	**J**	1.5	0.29	ug/m3			02/24/21 14:38	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/24/21 14:38	1
Acetone	**18**		12	2.9	ug/m3			02/24/21 14:38	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/24/21 14:38	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/24/21 14:38	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/24/21 14:38	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/24/21 14:38	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/24/21 14:38	1
Methyl Ethyl Ketone (2-Butanone)	**1.8**		1.5	0.21	ug/m3			02/24/21 14:38	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/24/21 14:38	1
Chloroform	**0.33**	**J**	0.98	0.16	ug/m3			02/24/21 14:38	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 14:38	1
Cyclohexane	**0.17**	**J**	0.69	0.16	ug/m3			02/24/21 14:38	1
Carbon tetrachloride	**0.42**		0.22	0.15	ug/m3			02/24/21 14:38	1
Benzene	**0.83**		0.64	0.21	ug/m3			02/24/21 14:38	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/24/21 14:38	1
Trichloroethene	ND		0.20	0.19	ug/m3			02/24/21 14:38	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/24/21 14:38	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/24/21 14:38	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/24/21 14:38	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/24/21 14:38	1
Toluene	**2.4**		0.75	0.41	ug/m3			02/24/21 14:38	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/24/21 14:38	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 14:38	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/24/21 14:38	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/24/21 14:38	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/24/21 14:38	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/24/21 14:38	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/24/21 14:38	1
Ethylbenzene	ND		0.87	0.27	ug/m3			02/24/21 14:38	1
m,p-Xylene	**0.77**	**J**	2.2	0.43	ug/m3			02/24/21 14:38	1
o-Xylene	**0.89**		0.87	0.21	ug/m3			02/24/21 14:38	1
Xylene (total)	**1.7**	**J**	3.0	0.21	ug/m3			02/24/21 14:38	1
Styrene	ND		0.85	0.17	ug/m3			02/24/21 14:38	1
Bromoform	ND		2.1	0.50	ug/m3			02/24/21 14:38	1
Isopropylbenzene (cumene)	**1.4**		0.98	0.17	ug/m3			02/24/21 14:38	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/24/21 14:38	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/24/21 14:38	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/24/21 14:38	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/24/21 14:38	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/24/21 14:38	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: SS37-IA-021621-1020
Date Collected: 02/16/21 17:25
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-7
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.53**		0.50	0.11	ppb v/v			02/24/21 14:38	1
Chloromethane	**0.67**		0.50	0.11	ppb v/v			02/24/21 14:38	1
Vinyl chloride	**0.75**		0.078	0.044	ppb v/v			02/24/21 14:38	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/24/21 14:38	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/24/21 14:38	1
Trichlorofluoromethane	**0.29**		0.20	0.060	ppb v/v			02/24/21 14:38	1
1,1,2-Trichlorotrifluoroethane	**0.066**	**J**	0.20	0.038	ppb v/v			02/24/21 14:38	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/24/21 14:38	1
Acetone	**7.4**		5.0	1.2	ppb v/v			02/24/21 14:38	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/24/21 14:38	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/24/21 14:38	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/24/21 14:38	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/24/21 14:38	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/24/21 14:38	1
Methyl Ethyl Ketone (2-Butanone)	**0.61**		0.50	0.072	ppb v/v			02/24/21 14:38	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/24/21 14:38	1
Chloroform	**0.067**	**J**	0.20	0.032	ppb v/v			02/24/21 14:38	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 14:38	1
Cyclohexane	**0.048**	**J**	0.20	0.046	ppb v/v			02/24/21 14:38	1
Carbon tetrachloride	**0.066**		0.035	0.024	ppb v/v			02/24/21 14:38	1
Benzene	**0.26**		0.20	0.067	ppb v/v			02/24/21 14:38	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/24/21 14:38	1
Trichloroethene	ND		0.037	0.035	ppb v/v			02/24/21 14:38	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/24/21 14:38	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/24/21 14:38	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/24/21 14:38	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/24/21 14:38	1
Toluene	**0.63**		0.20	0.11	ppb v/v			02/24/21 14:38	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/24/21 14:38	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 14:38	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/24/21 14:38	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/24/21 14:38	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/24/21 14:38	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/24/21 14:38	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/24/21 14:38	1
Ethylbenzene	ND		0.20	0.063	ppb v/v			02/24/21 14:38	1
m,p-Xylene	**0.18**	**J**	0.50	0.10	ppb v/v			02/24/21 14:38	1
o-Xylene	**0.20**		0.20	0.048	ppb v/v			02/24/21 14:38	1
Xylene (total)	**0.38**	**J**	0.70	0.048	ppb v/v			02/24/21 14:38	1
Styrene	ND		0.20	0.040	ppb v/v			02/24/21 14:38	1
Bromoform	ND		0.20	0.048	ppb v/v			02/24/21 14:38	1
Isopropylbenzene (cumene)	**0.29**		0.20	0.035	ppb v/v			02/24/21 14:38	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/24/21 14:38	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/24/21 14:38	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/24/21 14:38	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/24/21 14:38	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/24/21 14:38	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: HH37-SV-021621-1045
Date Collected: 02/16/21 17:45
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-8
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**9.8**		4.9	1.1	ug/m3			02/25/21 13:48	2
Chloromethane	ND		2.1	0.45	ug/m3			02/25/21 13:48	2
Vinyl chloride	ND		0.40	0.22	ug/m3			02/25/21 13:48	2
Bromomethane	ND		1.6	0.40	ug/m3			02/25/21 13:48	2
Chloroethane	ND		2.6	0.28	ug/m3			02/25/21 13:48	2
Trichlorofluoromethane	**3.5**		2.2	0.67	ug/m3			02/25/21 13:48	2
1,1,2-Trichlorotrifluoroethane	ND		3.1	0.58	ug/m3			02/25/21 13:48	2
1,1-Dichloroethene	ND		0.40	0.31	ug/m3			02/25/21 13:48	2
Acetone	**150**		24	5.7	ug/m3			02/25/21 13:48	2
Carbon disulfide	**9.2**		3.1	0.46	ug/m3			02/25/21 13:48	2
Methylene Chloride	ND		3.5	1.9	ug/m3			02/25/21 13:48	2
Methyl tert-butyl ether	ND		1.4	0.24	ug/m3			02/25/21 13:48	2
trans-1,2-Dichloroethene	ND		1.6	0.33	ug/m3			02/25/21 13:48	2
1,1-Dichloroethane	ND		1.6	0.33	ug/m3			02/25/21 13:48	2
Methyl Ethyl Ketone (2-Butanone)	**12**		2.9	0.42	ug/m3			02/25/21 13:48	2
cis-1,2-Dichloroethene	ND		0.40	0.36	ug/m3			02/25/21 13:48	2
Chloroform	**350**		2.0	0.31	ug/m3			02/25/21 13:48	2
1,1,1-Trichloroethane	ND		2.2	0.39	ug/m3			02/25/21 13:48	2
Cyclohexane	**110**		1.4	0.32	ug/m3			02/25/21 13:48	2
Carbon tetrachloride	**0.53**		0.44	0.30	ug/m3			02/25/21 13:48	2
Benzene	**43**		1.3	0.43	ug/m3			02/25/21 13:48	2
1,2-Dichloroethane	ND		1.6	0.26	ug/m3			02/25/21 13:48	2
Trichloroethene	**7.0**		0.40	0.38	ug/m3			02/25/21 13:48	2
1,2-Dichloropropane	ND		1.8	0.31	ug/m3			02/25/21 13:48	2
Bromodichloromethane	ND		2.7	0.47	ug/m3			02/25/21 13:48	2
cis-1,3-Dichloropropene	ND		1.8	0.29	ug/m3			02/25/21 13:48	2
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		4.1	0.29	ug/m3			02/25/21 13:48	2
Toluene	**110**		1.5	0.83	ug/m3			02/25/21 13:48	2
trans-1,3-Dichloropropene	ND		1.8	0.35	ug/m3			02/25/21 13:48	2
1,1,2-Trichloroethane	ND		2.2	0.39	ug/m3			02/25/21 13:48	2
Tetrachloroethene	**21**		2.7	0.45	ug/m3			02/25/21 13:48	2
Methyl Butyl Ketone (2-Hexanone)	ND		4.1	0.39	ug/m3			02/25/21 13:48	2
Dibromochloromethane	ND		3.4	0.61	ug/m3			02/25/21 13:48	2
1,2-Dibromoethane	ND		3.1	0.75	ug/m3			02/25/21 13:48	2
Chlorobenzene	ND		1.8	0.52	ug/m3			02/25/21 13:48	2
Ethylbenzene	**12**		1.7	0.55	ug/m3			02/25/21 13:48	2
m,p-Xylene	**100**		4.3	0.87	ug/m3			02/25/21 13:48	2
o-Xylene	**26**		1.7	0.42	ug/m3			02/25/21 13:48	2
Xylene (total)	**130**		6.1	0.42	ug/m3			02/25/21 13:48	2
Styrene	**1.5**	**J**	1.7	0.34	ug/m3			02/25/21 13:48	2
Bromoform	ND		4.1	0.99	ug/m3			02/25/21 13:48	2
Isopropylbenzene (cumene)	**2.6**		2.0	0.34	ug/m3			02/25/21 13:48	2
1,1,2,2-Tetrachloroethane	ND		2.7	0.58	ug/m3			02/25/21 13:48	2
1,3-Dichlorobenzene	ND		2.4	1.3	ug/m3			02/25/21 13:48	2
1,4-Dichlorobenzene	ND		2.4	1.4	ug/m3			02/25/21 13:48	2
1,2-Dichlorobenzene	ND		2.4	1.2	ug/m3			02/25/21 13:48	2
1,2,4-Trichlorobenzene	ND		7.4	3.3	ug/m3			02/25/21 13:48	2

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: HH37-SV-021621-1045
Date Collected: 02/16/21 17:45
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-8
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.0**		1.0	0.22	ppb v/v			02/25/21 13:48	2
Chloromethane	ND		1.0	0.22	ppb v/v			02/25/21 13:48	2
Vinyl chloride	ND		0.16	0.088	ppb v/v			02/25/21 13:48	2
Bromomethane	ND		0.40	0.10	ppb v/v			02/25/21 13:48	2
Chloroethane	ND		1.0	0.11	ppb v/v			02/25/21 13:48	2
Trichlorofluoromethane	**0.62**		0.40	0.12	ppb v/v			02/25/21 13:48	2
1,1,2-Trichlorotrifluoroethane	ND		0.40	0.076	ppb v/v			02/25/21 13:48	2
1,1-Dichloroethene	ND		0.10	0.078	ppb v/v			02/25/21 13:48	2
Acetone	**61**		10	2.4	ppb v/v			02/25/21 13:48	2
Carbon disulfide	**2.9**		1.0	0.15	ppb v/v			02/25/21 13:48	2
Methylene Chloride	ND		1.0	0.54	ppb v/v			02/25/21 13:48	2
Methyl tert-butyl ether	ND		0.40	0.066	ppb v/v			02/25/21 13:48	2
trans-1,2-Dichloroethene	ND		0.40	0.084	ppb v/v			02/25/21 13:48	2
1,1-Dichloroethane	ND		0.40	0.082	ppb v/v			02/25/21 13:48	2
Methyl Ethyl Ketone (2-Butanone)	**4.0**		1.0	0.14	ppb v/v			02/25/21 13:48	2
cis-1,2-Dichloroethene	ND		0.10	0.090	ppb v/v			02/25/21 13:48	2
Chloroform	**71**		0.40	0.064	ppb v/v			02/25/21 13:48	2
1,1,1-Trichloroethane	ND		0.40	0.072	ppb v/v			02/25/21 13:48	2
Cyclohexane	**31**		0.40	0.092	ppb v/v			02/25/21 13:48	2
Carbon tetrachloride	**0.084**		0.070	0.048	ppb v/v			02/25/21 13:48	2
Benzene	**14**		0.40	0.13	ppb v/v			02/25/21 13:48	2
1,2-Dichloroethane	ND		0.40	0.064	ppb v/v			02/25/21 13:48	2
Trichloroethene	**1.3**		0.074	0.070	ppb v/v			02/25/21 13:48	2
1,2-Dichloropropane	ND		0.40	0.066	ppb v/v			02/25/21 13:48	2
Bromodichloromethane	ND		0.40	0.070	ppb v/v			02/25/21 13:48	2
cis-1,3-Dichloropropene	ND		0.40	0.064	ppb v/v			02/25/21 13:48	2
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		1.0	0.072	ppb v/v			02/25/21 13:48	2
Toluene	**28**		0.40	0.22	ppb v/v			02/25/21 13:48	2
trans-1,3-Dichloropropene	ND		0.40	0.078	ppb v/v			02/25/21 13:48	2
1,1,2-Trichloroethane	ND		0.40	0.072	ppb v/v			02/25/21 13:48	2
Tetrachloroethene	**3.1**		0.40	0.066	ppb v/v			02/25/21 13:48	2
Methyl Butyl Ketone (2-Hexanone)	ND		1.0	0.096	ppb v/v			02/25/21 13:48	2
Dibromochloromethane	ND		0.40	0.072	ppb v/v			02/25/21 13:48	2
1,2-Dibromoethane	ND		0.40	0.098	ppb v/v			02/25/21 13:48	2
Chlorobenzene	ND		0.40	0.11	ppb v/v			02/25/21 13:48	2
Ethylbenzene	**2.7**		0.40	0.13	ppb v/v			02/25/21 13:48	2
m,p-Xylene	**23**		1.0	0.20	ppb v/v			02/25/21 13:48	2
o-Xylene	**6.1**		0.40	0.096	ppb v/v			02/25/21 13:48	2
Xylene (total)	**29**		1.4	0.096	ppb v/v			02/25/21 13:48	2
Styrene	**0.36**	**J**	0.40	0.080	ppb v/v			02/25/21 13:48	2
Bromoform	ND		0.40	0.096	ppb v/v			02/25/21 13:48	2
Isopropylbenzene (cumene)	**0.53**		0.40	0.070	ppb v/v			02/25/21 13:48	2
1,1,2,2-Tetrachloroethane	ND		0.40	0.084	ppb v/v			02/25/21 13:48	2
1,3-Dichlorobenzene	ND		0.40	0.22	ppb v/v			02/25/21 13:48	2
1,4-Dichlorobenzene	ND		0.40	0.24	ppb v/v			02/25/21 13:48	2
1,2-Dichlorobenzene	ND		0.40	0.19	ppb v/v			02/25/21 13:48	2
1,2,4-Trichlorobenzene	ND		1.0	0.44	ppb v/v			02/25/21 13:48	2

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: HH37-SV-021621-1045
Date Collected: 02/16/21 17:45
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-8
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**9.5**	**J**	25	5.4	ug/m3			02/25/21 14:41	10
Chloromethane	ND		10	2.3	ug/m3			02/25/21 14:41	10
Vinyl chloride	ND		2.0	1.1	ug/m3			02/25/21 14:41	10
Bromomethane	ND		7.8	2.0	ug/m3			02/25/21 14:41	10
Chloroethane	ND		13	1.4	ug/m3			02/25/21 14:41	10
Trichlorofluoromethane	ND		11	3.4	ug/m3			02/25/21 14:41	10
1,1,2-Trichlorotrifluoroethane	ND		15	2.9	ug/m3			02/25/21 14:41	10
1,1-Dichloroethene	ND		2.0	1.5	ug/m3			02/25/21 14:41	10
Acetone	**140**		120	29	ug/m3			02/25/21 14:41	10
Carbon disulfide	**8.8**	**J**	16	2.3	ug/m3			02/25/21 14:41	10
Methylene Chloride	ND		17	9.4	ug/m3			02/25/21 14:41	10
Methyl tert-butyl ether	ND		7.2	1.2	ug/m3			02/25/21 14:41	10
trans-1,2-Dichloroethene	ND		7.9	1.7	ug/m3			02/25/21 14:41	10
1,1-Dichloroethane	ND		8.1	1.7	ug/m3			02/25/21 14:41	10
Methyl Ethyl Ketone (2-Butanone)	**9.5**	**J**	15	2.1	ug/m3			02/25/21 14:41	10
cis-1,2-Dichloroethene	ND		2.0	1.8	ug/m3			02/25/21 14:41	10
Chloroform	**330**		9.8	1.6	ug/m3			02/25/21 14:41	10
1,1,1-Trichloroethane	ND		11	2.0	ug/m3			02/25/21 14:41	10
Cyclohexane	**98**		6.9	1.6	ug/m3			02/25/21 14:41	10
Carbon tetrachloride	ND		2.2	1.5	ug/m3			02/25/21 14:41	10
Benzene	**40**		6.4	2.1	ug/m3			02/25/21 14:41	10
1,2-Dichloroethane	ND		8.1	1.3	ug/m3			02/25/21 14:41	10
Trichloroethene	**6.1**		2.0	1.9	ug/m3			02/25/21 14:41	10
1,2-Dichloropropane	ND		9.2	1.5	ug/m3			02/25/21 14:41	10
Bromodichloromethane	ND		13	2.3	ug/m3			02/25/21 14:41	10
cis-1,3-Dichloropropene	ND		9.1	1.5	ug/m3			02/25/21 14:41	10
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		20	1.5	ug/m3			02/25/21 14:41	10
Toluene	**98**		7.5	4.1	ug/m3			02/25/21 14:41	10
trans-1,3-Dichloropropene	ND		9.1	1.8	ug/m3			02/25/21 14:41	10
1,1,2-Trichloroethane	ND		11	2.0	ug/m3			02/25/21 14:41	10
Tetrachloroethene	**20**		14	2.2	ug/m3			02/25/21 14:41	10
Methyl Butyl Ketone (2-Hexanone)	ND		20	2.0	ug/m3			02/25/21 14:41	10
Dibromochloromethane	ND		17	3.1	ug/m3			02/25/21 14:41	10
1,2-Dibromoethane	ND		15	3.8	ug/m3			02/25/21 14:41	10
Chlorobenzene	ND		9.2	2.6	ug/m3			02/25/21 14:41	10
Ethylbenzene	**11**		8.7	2.7	ug/m3			02/25/21 14:41	10
m,p-Xylene	**90**		22	4.3	ug/m3			02/25/21 14:41	10
o-Xylene	**23**		8.7	2.1	ug/m3			02/25/21 14:41	10
Xylene (total)	**110**		30	2.1	ug/m3			02/25/21 14:41	10
Styrene	ND		8.5	1.7	ug/m3			02/25/21 14:41	10
Bromoform	ND		21	5.0	ug/m3			02/25/21 14:41	10
Isopropylbenzene (cumene)	**2.3**	**J**	9.8	1.7	ug/m3			02/25/21 14:41	10
1,1,2,2-Tetrachloroethane	ND		14	2.9	ug/m3			02/25/21 14:41	10
1,3-Dichlorobenzene	ND		12	6.6	ug/m3			02/25/21 14:41	10
1,4-Dichlorobenzene	ND		12	7.2	ug/m3			02/25/21 14:41	10
1,2-Dichlorobenzene	ND		12	5.8	ug/m3			02/25/21 14:41	10
1,2,4-Trichlorobenzene	ND		37	16	ug/m3			02/25/21 14:41	10

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: HH37-SV-021621-1045
Date Collected: 02/16/21 17:45
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-8
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**1.9**	**J**	5.0	1.1	ppb v/v			02/25/21 14:41	10
Chloromethane	ND		5.0	1.1	ppb v/v			02/25/21 14:41	10
Vinyl chloride	ND		0.78	0.44	ppb v/v			02/25/21 14:41	10
Bromomethane	ND		2.0	0.51	ppb v/v			02/25/21 14:41	10
Chloroethane	ND		5.0	0.54	ppb v/v			02/25/21 14:41	10
Trichlorofluoromethane	ND		2.0	0.60	ppb v/v			02/25/21 14:41	10
1,1,2-Trichlorotrifluoroethane	ND		2.0	0.38	ppb v/v			02/25/21 14:41	10
1,1-Dichloroethene	ND		0.50	0.39	ppb v/v			02/25/21 14:41	10
Acetone	**60**		50	12	ppb v/v			02/25/21 14:41	10
Carbon disulfide	**2.8**	**J**	5.0	0.74	ppb v/v			02/25/21 14:41	10
Methylene Chloride	ND		5.0	2.7	ppb v/v			02/25/21 14:41	10
Methyl tert-butyl ether	ND		2.0	0.33	ppb v/v			02/25/21 14:41	10
trans-1,2-Dichloroethene	ND		2.0	0.42	ppb v/v			02/25/21 14:41	10
1,1-Dichloroethane	ND		2.0	0.41	ppb v/v			02/25/21 14:41	10
Methyl Ethyl Ketone (2-Butanone)	**3.2**	**J**	5.0	0.72	ppb v/v			02/25/21 14:41	10
cis-1,2-Dichloroethene	ND		0.50	0.45	ppb v/v			02/25/21 14:41	10
Chloroform	**68**		2.0	0.32	ppb v/v			02/25/21 14:41	10
1,1,1-Trichloroethane	ND		2.0	0.36	ppb v/v			02/25/21 14:41	10
Cyclohexane	**28**		2.0	0.46	ppb v/v			02/25/21 14:41	10
Carbon tetrachloride	ND		0.35	0.24	ppb v/v			02/25/21 14:41	10
Benzene	**13**		2.0	0.67	ppb v/v			02/25/21 14:41	10
1,2-Dichloroethane	ND		2.0	0.32	ppb v/v			02/25/21 14:41	10
Trichloroethene	**1.1**		0.37	0.35	ppb v/v			02/25/21 14:41	10
1,2-Dichloropropane	ND		2.0	0.33	ppb v/v			02/25/21 14:41	10
Bromodichloromethane	ND		2.0	0.35	ppb v/v			02/25/21 14:41	10
cis-1,3-Dichloropropene	ND		2.0	0.32	ppb v/v			02/25/21 14:41	10
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		5.0	0.36	ppb v/v			02/25/21 14:41	10
Toluene	**26**		2.0	1.1	ppb v/v			02/25/21 14:41	10
trans-1,3-Dichloropropene	ND		2.0	0.39	ppb v/v			02/25/21 14:41	10
1,1,2-Trichloroethane	ND		2.0	0.36	ppb v/v			02/25/21 14:41	10
Tetrachloroethene	**2.9**		2.0	0.33	ppb v/v			02/25/21 14:41	10
Methyl Butyl Ketone (2-Hexanone)	ND		5.0	0.48	ppb v/v			02/25/21 14:41	10
Dibromochloromethane	ND		2.0	0.36	ppb v/v			02/25/21 14:41	10
1,2-Dibromoethane	ND		2.0	0.49	ppb v/v			02/25/21 14:41	10
Chlorobenzene	ND		2.0	0.56	ppb v/v			02/25/21 14:41	10
Ethylbenzene	**2.4**		2.0	0.63	ppb v/v			02/25/21 14:41	10
m,p-Xylene	**21**		5.0	1.0	ppb v/v			02/25/21 14:41	10
o-Xylene	**5.4**		2.0	0.48	ppb v/v			02/25/21 14:41	10
Xylene (total)	**26**		7.0	0.48	ppb v/v			02/25/21 14:41	10
Styrene	ND		2.0	0.40	ppb v/v			02/25/21 14:41	10
Bromoform	ND		2.0	0.48	ppb v/v			02/25/21 14:41	10
Isopropylbenzene (cumene)	**0.46**	**J**	2.0	0.35	ppb v/v			02/25/21 14:41	10
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ppb v/v			02/25/21 14:41	10
1,3-Dichlorobenzene	ND		2.0	1.1	ppb v/v			02/25/21 14:41	10
1,4-Dichlorobenzene	ND		2.0	1.2	ppb v/v			02/25/21 14:41	10
1,2-Dichlorobenzene	ND		2.0	0.97	ppb v/v			02/25/21 14:41	10
1,2,4-Trichlorobenzene	ND		5.0	2.2	ppb v/v			02/25/21 14:41	10

Client Sample ID: HH37-IA-021621-1045

Lab Sample ID: 200-57323-9

Date Collected: 02/16/21 17:45
Matrix: Air
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**3.3**	**J *3**	4.9	1.1	ug/m3			02/25/21 19:06	2
Dichlorodifluoromethane	ND	*3	25	5.4	ug/m3			02/25/21 19:59	10
Chloromethane	**1.8**	**J *3**	2.1	0.45	ug/m3			02/25/21 19:06	2
Chloromethane	ND	*3	10	2.3	ug/m3			02/25/21 19:59	10
Vinyl chloride	ND	*3	0.40	0.22	ug/m3			02/25/21 19:06	2
Vinyl chloride	ND	*3	2.0	1.1	ug/m3			02/25/21 19:59	10
Bromomethane	ND	*3	1.6	0.40	ug/m3			02/25/21 19:06	2
Bromomethane	ND	*3	7.8	2.0	ug/m3			02/25/21 19:59	10
Chloroethane	ND	*3	2.6	0.28	ug/m3			02/25/21 19:06	2
Chloroethane	ND	*3	13	1.4	ug/m3			02/25/21 19:59	10
Trichlorofluoromethane	**2.4**	***3**	2.2	0.67	ug/m3			02/25/21 19:06	2
Trichlorofluoromethane	ND	*3	11	3.4	ug/m3			02/25/21 19:59	10
1,1,2-Trichlorotrifluoroethane	**0.64**	**J *3**	3.1	0.58	ug/m3			02/25/21 19:06	2
1,1,2-Trichlorotrifluoroethane	ND	*3	15	2.9	ug/m3			02/25/21 19:59	10
1,1-Dichloroethene	ND	*3	0.40	0.31	ug/m3			02/25/21 19:06	2
1,1-Dichloroethene	ND	*3	2.0	1.5	ug/m3			02/25/21 19:59	10
Acetone	**20**	**J *3**	24	5.7	ug/m3			02/25/21 19:06	2
Acetone	ND	*3	120	29	ug/m3			02/25/21 19:59	10
Carbon disulfide	ND	*3	3.1	0.46	ug/m3			02/25/21 19:06	2
Carbon disulfide	ND	*3	16	2.3	ug/m3			02/25/21 19:59	10
Methylene Chloride	ND	*3	3.5	1.9	ug/m3			02/25/21 19:06	2
Methylene Chloride	ND	*3	17	9.4	ug/m3			02/25/21 19:59	10
Methyl tert-butyl ether	ND	*3	1.4	0.24	ug/m3			02/25/21 19:06	2
Methyl tert-butyl ether	ND	*3	7.2	1.2	ug/m3			02/25/21 19:59	10
trans-1,2-Dichloroethene	ND	*3	1.6	0.33	ug/m3			02/25/21 19:06	2
trans-1,2-Dichloroethene	ND	*3	7.9	1.7	ug/m3			02/25/21 19:59	10
1,1-Dichloroethane	ND	*3	1.6	0.33	ug/m3			02/25/21 19:06	2
1,1-Dichloroethane	ND	*3	8.1	1.7	ug/m3			02/25/21 19:59	10
Methyl Ethyl Ketone (2-Butanone)	**3.3**	***3**	2.9	0.42	ug/m3			02/25/21 19:06	2
Methyl Ethyl Ketone (2-Butanone)	ND	*3	15	2.1	ug/m3			02/25/21 19:59	10
cis-1,2-Dichloroethene	**0.36**	**J *3**	0.40	0.36	ug/m3			02/25/21 19:06	2
cis-1,2-Dichloroethene	ND	*3	2.0	1.8	ug/m3			02/25/21 19:59	10
Chloroform	**1.1**	**J *3**	2.0	0.31	ug/m3			02/25/21 19:06	2
Chloroform	ND	*3	9.8	1.6	ug/m3			02/25/21 19:59	10
1,1,1-Trichloroethane	ND		2.2	0.39	ug/m3			02/25/21 19:06	2
1,1,1-Trichloroethane	ND	*3	11	2.0	ug/m3			02/25/21 19:59	10
Cyclohexane	**0.35**	**J**	1.4	0.32	ug/m3			02/25/21 19:06	2
Cyclohexane	ND	*3	6.9	1.6	ug/m3			02/25/21 19:59	10
Carbon tetrachloride	**0.36**	**J**	0.44	0.30	ug/m3			02/25/21 19:06	2
Carbon tetrachloride	ND	*3	2.2	1.5	ug/m3			02/25/21 19:59	10
Benzene	**1.0**	**J**	1.3	0.43	ug/m3			02/25/21 19:06	2
Benzene	ND	*3	6.4	2.1	ug/m3			02/25/21 19:59	10
1,2-Dichloroethane	ND		1.6	0.26	ug/m3			02/25/21 19:06	2
1,2-Dichloroethane	ND	*3	8.1	1.3	ug/m3			02/25/21 19:59	10
Trichloroethene	**0.82**		0.40	0.38	ug/m3			02/25/21 19:06	2
Trichloroethene	ND	*3	2.0	1.9	ug/m3			02/25/21 19:59	10
1,2-Dichloropropane	ND		1.8	0.31	ug/m3			02/25/21 19:06	2
1,2-Dichloropropane	ND	*3	9.2	1.5	ug/m3			02/25/21 19:59	10

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: HH37-IA-021621-1045
Date Collected: 02/16/21 17:45
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-9
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		2.7	0.47	ug/m3			02/25/21 19:06	2
Bromodichloromethane	ND	*3	13	2.3	ug/m3			02/25/21 19:59	10
cis-1,3-Dichloropropene	ND		1.8	0.29	ug/m3			02/25/21 19:06	2
cis-1,3-Dichloropropene	ND	*3	9.1	1.5	ug/m3			02/25/21 19:59	10
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		4.1	0.29	ug/m3			02/25/21 19:06	2
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	*3	20	1.5	ug/m3			02/25/21 19:59	10
Toluene	**2.5**		1.5	0.83	ug/m3			02/25/21 19:06	2
Toluene	ND		7.5	4.1	ug/m3			02/25/21 19:59	10
trans-1,3-Dichloropropene	ND		1.8	0.35	ug/m3			02/25/21 19:06	2
trans-1,3-Dichloropropene	ND	*3	9.1	1.8	ug/m3			02/25/21 19:59	10
1,1,2-Trichloroethane	ND		2.2	0.39	ug/m3			02/25/21 19:06	2
1,1,2-Trichloroethane	ND		11	2.0	ug/m3			02/25/21 19:59	10
Tetrachloroethene	**0.51**	**J**	2.7	0.45	ug/m3			02/25/21 19:06	2
Tetrachloroethene	ND		14	2.2	ug/m3			02/25/21 19:59	10
Methyl Butyl Ketone (2-Hexanone)	ND		4.1	0.39	ug/m3			02/25/21 19:06	2
Methyl Butyl Ketone (2-Hexanone)	ND		20	2.0	ug/m3			02/25/21 19:59	10
Dibromochloromethane	ND		3.4	0.61	ug/m3			02/25/21 19:06	2
Dibromochloromethane	ND		17	3.1	ug/m3			02/25/21 19:59	10
1,2-Dibromoethane	ND		3.1	0.75	ug/m3			02/25/21 19:06	2
1,2-Dibromoethane	ND		15	3.8	ug/m3			02/25/21 19:59	10
Chlorobenzene	ND		1.8	0.52	ug/m3			02/25/21 19:06	2
Chlorobenzene	ND		9.2	2.6	ug/m3			02/25/21 19:59	10
Ethylbenzene	ND		1.7	0.55	ug/m3			02/25/21 19:06	2
Ethylbenzene	ND		8.7	2.7	ug/m3			02/25/21 19:59	10
m,p-Xylene	**2.4**	**J**	4.3	0.87	ug/m3			02/25/21 19:06	2
m,p-Xylene	ND		22	4.3	ug/m3			02/25/21 19:59	10
o-Xylene	**6.9**		1.7	0.42	ug/m3			02/25/21 19:06	2
o-Xylene	**6.8**	**J**	8.7	2.1	ug/m3			02/25/21 19:59	10
Xylene (total)	**9.3**		6.1	0.42	ug/m3			02/25/21 19:06	2
Xylene (total)	**6.8**	**J**	30	2.1	ug/m3			02/25/21 19:59	10
Styrene	**2.1**		1.7	0.34	ug/m3			02/25/21 19:06	2
Styrene	**2.1**	**J**	8.5	1.7	ug/m3			02/25/21 19:59	10
Bromoform	ND		4.1	0.99	ug/m3			02/25/21 19:06	2
Bromoform	ND		21	5.0	ug/m3			02/25/21 19:59	10
Isopropylbenzene (cumene)	**13**		2.0	0.34	ug/m3			02/25/21 19:06	2
Isopropylbenzene (cumene)	**14**		9.8	1.7	ug/m3			02/25/21 19:59	10
1,1,2,2-Tetrachloroethane	ND		2.7	0.58	ug/m3			02/25/21 19:06	2
1,1,2,2-Tetrachloroethane	ND		14	2.9	ug/m3			02/25/21 19:59	10
1,3-Dichlorobenzene	ND		2.4	1.3	ug/m3			02/25/21 19:06	2
1,3-Dichlorobenzene	ND		12	6.6	ug/m3			02/25/21 19:59	10
1,4-Dichlorobenzene	ND		2.4	1.4	ug/m3			02/25/21 19:06	2
1,4-Dichlorobenzene	ND		12	7.2	ug/m3			02/25/21 19:59	10
1,2-Dichlorobenzene	ND		2.4	1.2	ug/m3			02/25/21 19:06	2
1,2-Dichlorobenzene	ND		12	5.8	ug/m3			02/25/21 19:59	10
1,2,4-Trichlorobenzene	ND		7.4	3.3	ug/m3			02/25/21 19:06	2
1,2,4-Trichlorobenzene	ND		37	16	ug/m3			02/25/21 19:59	10

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: HH37-IA-021621-1045
Date Collected: 02/16/21 17:45
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-9
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.66**	**J *3**	1.0	0.22	ppb v/v			02/25/21 19:06	2
Dichlorodifluoromethane	ND	*3	5.0	1.1	ppb v/v			02/25/21 19:59	10
Chloromethane	**0.88**	**J *3**	1.0	0.22	ppb v/v			02/25/21 19:06	2
Chloromethane	ND	*3	5.0	1.1	ppb v/v			02/25/21 19:59	10
Vinyl chloride	ND	*3	0.16	0.088	ppb v/v			02/25/21 19:06	2
Vinyl chloride	ND	*3	0.78	0.44	ppb v/v			02/25/21 19:59	10
Bromomethane	ND	*3	0.40	0.10	ppb v/v			02/25/21 19:06	2
Bromomethane	ND	*3	2.0	0.51	ppb v/v			02/25/21 19:59	10
Chloroethane	ND	*3	1.0	0.11	ppb v/v			02/25/21 19:06	2
Chloroethane	ND	*3	5.0	0.54	ppb v/v			02/25/21 19:59	10
Trichlorofluoromethane	**0.43**	***3**	0.40	0.12	ppb v/v			02/25/21 19:06	2
Trichlorofluoromethane	ND	*3	2.0	0.60	ppb v/v			02/25/21 19:59	10
1,1,2-Trichlorotrifluoroethane	**0.084**	**J *3**	0.40	0.076	ppb v/v			02/25/21 19:06	2
1,1,2-Trichlorotrifluoroethane	ND	*3	2.0	0.38	ppb v/v			02/25/21 19:59	10
1,1-Dichloroethene	ND	*3	0.10	0.078	ppb v/v			02/25/21 19:06	2
1,1-Dichloroethene	ND	*3	0.50	0.39	ppb v/v			02/25/21 19:59	10
Acetone	**8.2**	**J *3**	10	2.4	ppb v/v			02/25/21 19:06	2
Acetone	ND	*3	50	12	ppb v/v			02/25/21 19:59	10
Carbon disulfide	ND	*3	1.0	0.15	ppb v/v			02/25/21 19:06	2
Carbon disulfide	ND	*3	5.0	0.74	ppb v/v			02/25/21 19:59	10
Methylene Chloride	ND	*3	1.0	0.54	ppb v/v			02/25/21 19:06	2
Methylene Chloride	ND	*3	5.0	2.7	ppb v/v			02/25/21 19:59	10
Methyl tert-butyl ether	ND	*3	0.40	0.066	ppb v/v			02/25/21 19:06	2
Methyl tert-butyl ether	ND	*3	2.0	0.33	ppb v/v			02/25/21 19:59	10
trans-1,2-Dichloroethene	ND	*3	0.40	0.084	ppb v/v			02/25/21 19:06	2
trans-1,2-Dichloroethene	ND	*3	2.0	0.42	ppb v/v			02/25/21 19:59	10
1,1-Dichloroethane	ND	*3	0.40	0.082	ppb v/v			02/25/21 19:06	2
1,1-Dichloroethane	ND	*3	2.0	0.41	ppb v/v			02/25/21 19:59	10
Methyl Ethyl Ketone (2-Butanone)	**1.1**	***3**	1.0	0.14	ppb v/v			02/25/21 19:06	2
Methyl Ethyl Ketone (2-Butanone)	ND	*3	5.0	0.72	ppb v/v			02/25/21 19:59	10
cis-1,2-Dichloroethene	**0.091**	**J *3**	0.10	0.090	ppb v/v			02/25/21 19:06	2
cis-1,2-Dichloroethene	ND	*3	0.50	0.45	ppb v/v			02/25/21 19:59	10
Chloroform	**0.22**	**J *3**	0.40	0.064	ppb v/v			02/25/21 19:06	2
Chloroform	ND	*3	2.0	0.32	ppb v/v			02/25/21 19:59	10
1,1,1-Trichloroethane	ND		0.40	0.072	ppb v/v			02/25/21 19:06	2
1,1,1-Trichloroethane	ND	*3	2.0	0.36	ppb v/v			02/25/21 19:59	10
Cyclohexane	**0.10**	**J**	0.40	0.092	ppb v/v			02/25/21 19:06	2
Cyclohexane	ND	*3	2.0	0.46	ppb v/v			02/25/21 19:59	10
Carbon tetrachloride	**0.058**	**J**	0.070	0.048	ppb v/v			02/25/21 19:06	2
Carbon tetrachloride	ND	*3	0.35	0.24	ppb v/v			02/25/21 19:59	10
Benzene	**0.33**	**J**	0.40	0.13	ppb v/v			02/25/21 19:06	2
Benzene	ND	*3	2.0	0.67	ppb v/v			02/25/21 19:59	10
1,2-Dichloroethane	ND		0.40	0.064	ppb v/v			02/25/21 19:06	2
1,2-Dichloroethane	ND	*3	2.0	0.32	ppb v/v			02/25/21 19:59	10
Trichloroethene	**0.15**		0.074	0.070	ppb v/v			02/25/21 19:06	2
Trichloroethene	ND	*3	0.37	0.35	ppb v/v			02/25/21 19:59	10
1,2-Dichloropropane	ND		0.40	0.066	ppb v/v			02/25/21 19:06	2
1,2-Dichloropropane	ND	*3	2.0	0.33	ppb v/v			02/25/21 19:59	10
Bromodichloromethane	ND		0.40	0.070	ppb v/v			02/25/21 19:06	2

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: HH37-IA-021621-1045
Date Collected: 02/16/21 17:45
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-9
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND	*3	2.0	0.35	ppb v/v			02/25/21 19:59	10
cis-1,3-Dichloropropene	ND		0.40	0.064	ppb v/v			02/25/21 19:06	2
cis-1,3-Dichloropropene	ND	*3	2.0	0.32	ppb v/v			02/25/21 19:59	10
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		1.0	0.072	ppb v/v			02/25/21 19:06	2
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	*3	5.0	0.36	ppb v/v			02/25/21 19:59	10
Toluene	**0.68**		0.40	0.22	ppb v/v			02/25/21 19:06	2
Toluene	ND		2.0	1.1	ppb v/v			02/25/21 19:59	10
trans-1,3-Dichloropropene	ND		0.40	0.078	ppb v/v			02/25/21 19:06	2
trans-1,3-Dichloropropene	ND	*3	2.0	0.39	ppb v/v			02/25/21 19:59	10
1,1,2-Trichloroethane	ND		0.40	0.072	ppb v/v			02/25/21 19:06	2
1,1,2-Trichloroethane	ND		2.0	0.36	ppb v/v			02/25/21 19:59	10
Tetrachloroethene	**0.075**	**J**	0.40	0.066	ppb v/v			02/25/21 19:06	2
Tetrachloroethene	ND		2.0	0.33	ppb v/v			02/25/21 19:59	10
Methyl Butyl Ketone (2-Hexanone)	ND		1.0	0.096	ppb v/v			02/25/21 19:06	2
Methyl Butyl Ketone (2-Hexanone)	ND		5.0	0.48	ppb v/v			02/25/21 19:59	10
Dibromochloromethane	ND		0.40	0.072	ppb v/v			02/25/21 19:06	2
Dibromochloromethane	ND		2.0	0.36	ppb v/v			02/25/21 19:59	10
1,2-Dibromoethane	ND		0.40	0.098	ppb v/v			02/25/21 19:06	2
1,2-Dibromoethane	ND		2.0	0.49	ppb v/v			02/25/21 19:59	10
Chlorobenzene	ND		0.40	0.11	ppb v/v			02/25/21 19:06	2
Chlorobenzene	ND		2.0	0.56	ppb v/v			02/25/21 19:59	10
Ethylbenzene	ND		0.40	0.13	ppb v/v			02/25/21 19:06	2
Ethylbenzene	ND		2.0	0.63	ppb v/v			02/25/21 19:59	10
m,p-Xylene	**0.55**	**J**	1.0	0.20	ppb v/v			02/25/21 19:06	2
m,p-Xylene	ND		5.0	1.0	ppb v/v			02/25/21 19:59	10
o-Xylene	**1.6**		0.40	0.096	ppb v/v			02/25/21 19:06	2
o-Xylene	**1.6**	**J**	2.0	0.48	ppb v/v			02/25/21 19:59	10
Xylene (total)	**2.1**		1.4	0.096	ppb v/v			02/25/21 19:06	2
Xylene (total)	**1.6**	**J**	7.0	0.48	ppb v/v			02/25/21 19:59	10
Styrene	**0.50**		0.40	0.080	ppb v/v			02/25/21 19:06	2
Styrene	**0.50**	**J**	2.0	0.40	ppb v/v			02/25/21 19:59	10
Bromoform	ND		0.40	0.096	ppb v/v			02/25/21 19:06	2
Bromoform	ND		2.0	0.48	ppb v/v			02/25/21 19:59	10
Isopropylbenzene (cumene)	**2.6**		0.40	0.070	ppb v/v			02/25/21 19:06	2
Isopropylbenzene (cumene)	**2.8**		2.0	0.35	ppb v/v			02/25/21 19:59	10
1,1,2,2-Tetrachloroethane	ND		0.40	0.084	ppb v/v			02/25/21 19:06	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ppb v/v			02/25/21 19:59	10
1,3-Dichlorobenzene	ND		0.40	0.22	ppb v/v			02/25/21 19:06	2
1,3-Dichlorobenzene	ND		2.0	1.1	ppb v/v			02/25/21 19:59	10
1,4-Dichlorobenzene	ND		0.40	0.24	ppb v/v			02/25/21 19:06	2
1,4-Dichlorobenzene	ND		2.0	1.2	ppb v/v			02/25/21 19:59	10
1,2-Dichlorobenzene	ND		0.40	0.19	ppb v/v			02/25/21 19:06	2
1,2-Dichlorobenzene	ND		2.0	0.97	ppb v/v			02/25/21 19:59	10
1,2,4-Trichlorobenzene	ND		1.0	0.44	ppb v/v			02/25/21 19:06	2
1,2,4-Trichlorobenzene	ND		5.0	2.2	ppb v/v			02/25/21 19:59	10

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: AA3-021821-1020
Date Collected: 02/18/21 18:20
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-10
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.1**	**J**	2.5	0.54	ug/m3			02/25/21 20:52	1
Chloromethane	**1.4**		1.0	0.23	ug/m3			02/25/21 20:52	1
Vinyl chloride	**1.8**		0.20	0.11	ug/m3			02/25/21 20:52	1
Bromomethane	ND		0.78	0.20	ug/m3			02/25/21 20:52	1
Chloroethane	ND		1.3	0.14	ug/m3			02/25/21 20:52	1
Trichlorofluoromethane	**1.6**		1.1	0.34	ug/m3			02/25/21 20:52	1
1,1,2-Trichlorotrifluoroethane	**0.70**	**J**	1.5	0.29	ug/m3			02/25/21 20:52	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/25/21 20:52	1
Acetone	**4.7**	**J**	12	2.9	ug/m3			02/25/21 20:52	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/25/21 20:52	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/25/21 20:52	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/25/21 20:52	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/25/21 20:52	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/25/21 20:52	1
Methyl Ethyl Ketone (2-Butanone)	**0.90**	**J**	1.5	0.21	ug/m3			02/25/21 20:52	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/25/21 20:52	1
Chloroform	ND		0.98	0.16	ug/m3			02/25/21 20:52	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 20:52	1
Cyclohexane	ND		0.69	0.16	ug/m3			02/25/21 20:52	1
Carbon tetrachloride	**0.45**		0.22	0.15	ug/m3			02/25/21 20:52	1
Benzene	**0.61**	**J**	0.64	0.21	ug/m3			02/25/21 20:52	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/25/21 20:52	1
Trichloroethene	ND		0.20	0.19	ug/m3			02/25/21 20:52	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/25/21 20:52	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/25/21 20:52	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/25/21 20:52	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/25/21 20:52	1
Toluene	**0.72**	**J**	0.75	0.41	ug/m3			02/25/21 20:52	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/25/21 20:52	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 20:52	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/25/21 20:52	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/25/21 20:52	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/25/21 20:52	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/25/21 20:52	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/25/21 20:52	1
Ethylbenzene	ND		0.87	0.27	ug/m3			02/25/21 20:52	1
m,p-Xylene	**0.43**	**J**	2.2	0.43	ug/m3			02/25/21 20:52	1
o-Xylene	ND		0.87	0.21	ug/m3			02/25/21 20:52	1
Xylene (total)	**0.43**	**J**	3.0	0.21	ug/m3			02/25/21 20:52	1
Styrene	ND		0.85	0.17	ug/m3			02/25/21 20:52	1
Bromoform	ND		2.1	0.50	ug/m3			02/25/21 20:52	1
Isopropylbenzene (cumene)	ND		0.98	0.17	ug/m3			02/25/21 20:52	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/25/21 20:52	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/25/21 20:52	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/25/21 20:52	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/25/21 20:52	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/25/21 20:52	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: AA3-021821-1020
Date Collected: 02/18/21 18:20
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-10
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.43**	**J**	0.50	0.11	ppb v/v			02/25/21 20:52	1
Chloromethane	**0.70**		0.50	0.11	ppb v/v			02/25/21 20:52	1
Vinyl chloride	**0.70**		0.078	0.044	ppb v/v			02/25/21 20:52	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/25/21 20:52	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/25/21 20:52	1
Trichlorofluoromethane	**0.28**		0.20	0.060	ppb v/v			02/25/21 20:52	1
1,1,2-Trichlorotrifluoroethane	**0.092**	**J**	0.20	0.038	ppb v/v			02/25/21 20:52	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/25/21 20:52	1
Acetone	**2.0**	**J**	5.0	1.2	ppb v/v			02/25/21 20:52	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/25/21 20:52	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/25/21 20:52	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/25/21 20:52	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/25/21 20:52	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/25/21 20:52	1
Methyl Ethyl Ketone (2-Butanone)	**0.31**	**J**	0.50	0.072	ppb v/v			02/25/21 20:52	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/25/21 20:52	1
Chloroform	ND		0.20	0.032	ppb v/v			02/25/21 20:52	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 20:52	1
Cyclohexane	ND		0.20	0.046	ppb v/v			02/25/21 20:52	1
Carbon tetrachloride	**0.071**		0.035	0.024	ppb v/v			02/25/21 20:52	1
Benzene	**0.19**	**J**	0.20	0.067	ppb v/v			02/25/21 20:52	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/25/21 20:52	1
Trichloroethene	ND		0.037	0.035	ppb v/v			02/25/21 20:52	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/25/21 20:52	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/25/21 20:52	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/25/21 20:52	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/25/21 20:52	1
Toluene	**0.19**	**J**	0.20	0.11	ppb v/v			02/25/21 20:52	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/25/21 20:52	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 20:52	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/25/21 20:52	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/25/21 20:52	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/25/21 20:52	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/25/21 20:52	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/25/21 20:52	1
Ethylbenzene	ND		0.20	0.063	ppb v/v			02/25/21 20:52	1
m,p-Xylene	**0.098**	**J**	0.50	0.10	ppb v/v			02/25/21 20:52	1
o-Xylene	ND		0.20	0.048	ppb v/v			02/25/21 20:52	1
Xylene (total)	**0.099**	**J**	0.70	0.048	ppb v/v			02/25/21 20:52	1
Styrene	ND		0.20	0.040	ppb v/v			02/25/21 20:52	1
Bromoform	ND		0.20	0.048	ppb v/v			02/25/21 20:52	1
Isopropylbenzene (cumene)	ND		0.20	0.035	ppb v/v			02/25/21 20:52	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/25/21 20:52	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/25/21 20:52	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/25/21 20:52	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/25/21 20:52	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/25/21 20:52	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: YF25-SV-021721-0830
Date Collected: 02/17/21 15:35
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-11
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**5.7**		2.5	0.54	ug/m3			02/25/21 21:44	1
Chloromethane	**0.91**	**J**	1.0	0.23	ug/m3			02/25/21 21:44	1
Vinyl chloride	**4.6**		0.20	0.11	ug/m3			02/25/21 21:44	1
Bromomethane	ND		0.78	0.20	ug/m3			02/25/21 21:44	1
Chloroethane	ND		1.3	0.14	ug/m3			02/25/21 21:44	1
Trichlorofluoromethane	**1.7**		1.1	0.34	ug/m3			02/25/21 21:44	1
1,1,2-Trichlorotrifluoroethane	ND		1.5	0.29	ug/m3			02/25/21 21:44	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/25/21 21:44	1
Acetone	**130**	**E**	12	2.9	ug/m3			02/25/21 21:44	1
Carbon disulfide	**0.63**	**J**	1.6	0.23	ug/m3			02/25/21 21:44	1
Methylene Chloride	**19**		1.7	0.94	ug/m3			02/25/21 21:44	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/25/21 21:44	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/25/21 21:44	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/25/21 21:44	1
Methyl Ethyl Ketone (2-Butanone)	**5.5**		1.5	0.21	ug/m3			02/25/21 21:44	1
cis-1,2-Dichloroethene	**0.30**		0.20	0.18	ug/m3			02/25/21 21:44	1
Chloroform	ND		0.98	0.16	ug/m3			02/25/21 21:44	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 21:44	1
Cyclohexane	**1.0**		0.69	0.16	ug/m3			02/25/21 21:44	1
Carbon tetrachloride	**0.48**		0.22	0.15	ug/m3			02/25/21 21:44	1
Benzene	**1.2**		0.64	0.21	ug/m3			02/25/21 21:44	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/25/21 21:44	1
Trichloroethene	**0.24**		0.20	0.19	ug/m3			02/25/21 21:44	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/25/21 21:44	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/25/21 21:44	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/25/21 21:44	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/25/21 21:44	1
Toluene	**4.3**		0.75	0.41	ug/m3			02/25/21 21:44	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/25/21 21:44	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 21:44	1
Tetrachloroethene	**3.0**		1.4	0.22	ug/m3			02/25/21 21:44	1
Methyl Butyl Ketone (2-Hexanone)	**0.20**	**J**	2.0	0.20	ug/m3			02/25/21 21:44	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/25/21 21:44	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/25/21 21:44	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/25/21 21:44	1
Ethylbenzene	**1.2**		0.87	0.27	ug/m3			02/25/21 21:44	1
m,p-Xylene	**6.9**		2.2	0.43	ug/m3			02/25/21 21:44	1
o-Xylene	**1.9**		0.87	0.21	ug/m3			02/25/21 21:44	1
Xylene (total)	**8.8**		3.0	0.21	ug/m3			02/25/21 21:44	1
Styrene	**0.35**	**J**	0.85	0.17	ug/m3			02/25/21 21:44	1
Bromoform	ND		2.1	0.50	ug/m3			02/25/21 21:44	1
Isopropylbenzene (cumene)	**0.50**	**J**	0.98	0.17	ug/m3			02/25/21 21:44	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/25/21 21:44	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/25/21 21:44	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/25/21 21:44	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/25/21 21:44	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/25/21 21:44	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: YF25-SV-021721-0830
Date Collected: 02/17/21 15:35
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-11
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**1.2**		0.50	0.11	ppb v/v			02/25/21 21:44	1
Chloromethane	**0.44**	**J**	0.50	0.11	ppb v/v			02/25/21 21:44	1
Vinyl chloride	**1.8**		0.078	0.044	ppb v/v			02/25/21 21:44	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/25/21 21:44	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/25/21 21:44	1
Trichlorofluoromethane	**0.30**		0.20	0.060	ppb v/v			02/25/21 21:44	1
1,1,2-Trichlorotrifluoroethane	ND		0.20	0.038	ppb v/v			02/25/21 21:44	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/25/21 21:44	1
Acetone	**56**	**E**	5.0	1.2	ppb v/v			02/25/21 21:44	1
Carbon disulfide	**0.20**	**J**	0.50	0.074	ppb v/v			02/25/21 21:44	1
Methylene Chloride	**5.6**		0.50	0.27	ppb v/v			02/25/21 21:44	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/25/21 21:44	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/25/21 21:44	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/25/21 21:44	1
Methyl Ethyl Ketone (2-Butanone)	**1.9**		0.50	0.072	ppb v/v			02/25/21 21:44	1
cis-1,2-Dichloroethene	**0.075**		0.050	0.045	ppb v/v			02/25/21 21:44	1
Chloroform	ND		0.20	0.032	ppb v/v			02/25/21 21:44	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 21:44	1
Cyclohexane	**0.30**		0.20	0.046	ppb v/v			02/25/21 21:44	1
Carbon tetrachloride	**0.077**		0.035	0.024	ppb v/v			02/25/21 21:44	1
Benzene	**0.36**		0.20	0.067	ppb v/v			02/25/21 21:44	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/25/21 21:44	1
Trichloroethene	**0.045**		0.037	0.035	ppb v/v			02/25/21 21:44	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/25/21 21:44	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/25/21 21:44	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/25/21 21:44	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/25/21 21:44	1
Toluene	**1.1**		0.20	0.11	ppb v/v			02/25/21 21:44	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/25/21 21:44	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 21:44	1
Tetrachloroethene	**0.44**		0.20	0.033	ppb v/v			02/25/21 21:44	1
Methyl Butyl Ketone (2-Hexanone)	**0.048**	**J**	0.50	0.048	ppb v/v			02/25/21 21:44	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/25/21 21:44	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/25/21 21:44	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/25/21 21:44	1
Ethylbenzene	**0.28**		0.20	0.063	ppb v/v			02/25/21 21:44	1
m,p-Xylene	**1.6**		0.50	0.10	ppb v/v			02/25/21 21:44	1
o-Xylene	**0.44**		0.20	0.048	ppb v/v			02/25/21 21:44	1
Xylene (total)	**2.0**		0.70	0.048	ppb v/v			02/25/21 21:44	1
Styrene	**0.083**	**J**	0.20	0.040	ppb v/v			02/25/21 21:44	1
Bromoform	ND		0.20	0.048	ppb v/v			02/25/21 21:44	1
Isopropylbenzene (cumene)	**0.10**	**J**	0.20	0.035	ppb v/v			02/25/21 21:44	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/25/21 21:44	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/25/21 21:44	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/25/21 21:44	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/25/21 21:44	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/25/21 21:44	1

Client Sample ID: YF25-SV-021721-0830
Lab Sample ID: 200-57323-11

Date Collected: 02/17/21 15:35
Matrix: Air
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**6.1**		4.9	1.1	ug/m3			02/25/21 22:37	2
Chloromethane	**0.82**	**J**	2.1	0.45	ug/m3			02/25/21 22:37	2
Vinyl chloride	**4.2**		0.40	0.22	ug/m3			02/25/21 22:37	2
Bromomethane	ND		1.6	0.40	ug/m3			02/25/21 22:37	2
Chloroethane	ND		2.6	0.28	ug/m3			02/25/21 22:37	2
Trichlorofluoromethane	**1.5**	**J**	2.2	0.67	ug/m3			02/25/21 22:37	2
1,1,2-Trichlorotrifluoroethane	ND		3.1	0.58	ug/m3			02/25/21 22:37	2
1,1-Dichloroethene	ND		0.40	0.31	ug/m3			02/25/21 22:37	2
Acetone	**110**		24	5.7	ug/m3			02/25/21 22:37	2
Carbon disulfide	**0.53**	**J**	3.1	0.46	ug/m3			02/25/21 22:37	2
Methylene Chloride	**18**		3.5	1.9	ug/m3			02/25/21 22:37	2
Methyl tert-butyl ether	ND		1.4	0.24	ug/m3			02/25/21 22:37	2
trans-1,2-Dichloroethene	ND		1.6	0.33	ug/m3			02/25/21 22:37	2
1,1-Dichloroethane	ND		1.6	0.33	ug/m3			02/25/21 22:37	2
Methyl Ethyl Ketone (2-Butanone)	**4.8**		2.9	0.42	ug/m3			02/25/21 22:37	2
cis-1,2-Dichloroethene	ND		0.40	0.36	ug/m3			02/25/21 22:37	2
Chloroform	ND		2.0	0.31	ug/m3			02/25/21 22:37	2
1,1,1-Trichloroethane	ND		2.2	0.39	ug/m3			02/25/21 22:37	2
Cyclohexane	**0.89**	**J**	1.4	0.32	ug/m3			02/25/21 22:37	2
Carbon tetrachloride	**0.39**	**J**	0.44	0.30	ug/m3			02/25/21 22:37	2
Benzene	**1.1**	**J**	1.3	0.43	ug/m3			02/25/21 22:37	2
1,2-Dichloroethane	ND		1.6	0.26	ug/m3			02/25/21 22:37	2
Trichloroethene	ND		0.40	0.38	ug/m3			02/25/21 22:37	2
1,2-Dichloropropane	ND		1.8	0.31	ug/m3			02/25/21 22:37	2
Bromodichloromethane	ND		2.7	0.47	ug/m3			02/25/21 22:37	2
cis-1,3-Dichloropropene	ND		1.8	0.29	ug/m3			02/25/21 22:37	2
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		4.1	0.29	ug/m3			02/25/21 22:37	2
Toluene	**4.0**		1.5	0.83	ug/m3			02/25/21 22:37	2
trans-1,3-Dichloropropene	ND		1.8	0.35	ug/m3			02/25/21 22:37	2
1,1,2-Trichloroethane	ND		2.2	0.39	ug/m3			02/25/21 22:37	2
Tetrachloroethene	**2.8**		2.7	0.45	ug/m3			02/25/21 22:37	2
Methyl Butyl Ketone (2-Hexanone)	ND		4.1	0.39	ug/m3			02/25/21 22:37	2
Dibromochloromethane	ND		3.4	0.61	ug/m3			02/25/21 22:37	2
1,2-Dibromoethane	ND		3.1	0.75	ug/m3			02/25/21 22:37	2
Chlorobenzene	ND		1.8	0.52	ug/m3			02/25/21 22:37	2
Ethylbenzene	**1.1**	**J**	1.7	0.55	ug/m3			02/25/21 22:37	2
m,p-Xylene	**6.3**		4.3	0.87	ug/m3			02/25/21 22:37	2
o-Xylene	**1.7**		1.7	0.42	ug/m3			02/25/21 22:37	2
Xylene (total)	**8.0**		6.1	0.42	ug/m3			02/25/21 22:37	2
Styrene	ND		1.7	0.34	ug/m3			02/25/21 22:37	2
Bromoform	ND		4.1	0.99	ug/m3			02/25/21 22:37	2
Isopropylbenzene (cumene)	**0.46**	**J**	2.0	0.34	ug/m3			02/25/21 22:37	2
1,1,2,2-Tetrachloroethane	ND		2.7	0.58	ug/m3			02/25/21 22:37	2
1,3-Dichlorobenzene	ND		2.4	1.3	ug/m3			02/25/21 22:37	2
1,4-Dichlorobenzene	ND		2.4	1.4	ug/m3			02/25/21 22:37	2
1,2-Dichlorobenzene	ND		2.4	1.2	ug/m3			02/25/21 22:37	2
1,2,4-Trichlorobenzene	ND		7.4	3.3	ug/m3			02/25/21 22:37	2

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: YF25-SV-021721-0830
Date Collected: 02/17/21 15:35
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-11
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**1.2**		1.0	0.22	ppb v/v			02/25/21 22:37	2
Chloromethane	**0.40**	**J**	1.0	0.22	ppb v/v			02/25/21 22:37	2
Vinyl chloride	**1.7**		0.16	0.088	ppb v/v			02/25/21 22:37	2
Bromomethane	ND		0.40	0.10	ppb v/v			02/25/21 22:37	2
Chloroethane	ND		1.0	0.11	ppb v/v			02/25/21 22:37	2
Trichlorofluoromethane	**0.26**	**J**	0.40	0.12	ppb v/v			02/25/21 22:37	2
1,1,2-Trichlorotrifluoroethane	ND		0.40	0.076	ppb v/v			02/25/21 22:37	2
1,1-Dichloroethene	ND		0.10	0.078	ppb v/v			02/25/21 22:37	2
Acetone	**47**		10	2.4	ppb v/v			02/25/21 22:37	2
Carbon disulfide	**0.17**	**J**	1.0	0.15	ppb v/v			02/25/21 22:37	2
Methylene Chloride	**5.1**		1.0	0.54	ppb v/v			02/25/21 22:37	2
Methyl tert-butyl ether	ND		0.40	0.066	ppb v/v			02/25/21 22:37	2
trans-1,2-Dichloroethene	ND		0.40	0.084	ppb v/v			02/25/21 22:37	2
1,1-Dichloroethane	ND		0.40	0.082	ppb v/v			02/25/21 22:37	2
Methyl Ethyl Ketone (2-Butanone)	**1.6**		1.0	0.14	ppb v/v			02/25/21 22:37	2
cis-1,2-Dichloroethene	ND		0.10	0.090	ppb v/v			02/25/21 22:37	2
Chloroform	ND		0.40	0.064	ppb v/v			02/25/21 22:37	2
1,1,1-Trichloroethane	ND		0.40	0.072	ppb v/v			02/25/21 22:37	2
Cyclohexane	**0.26**	**J**	0.40	0.092	ppb v/v			02/25/21 22:37	2
Carbon tetrachloride	**0.062**	**J**	0.070	0.048	ppb v/v			02/25/21 22:37	2
Benzene	**0.36**	**J**	0.40	0.13	ppb v/v			02/25/21 22:37	2
1,2-Dichloroethane	ND		0.40	0.064	ppb v/v			02/25/21 22:37	2
Trichloroethene	ND		0.074	0.070	ppb v/v			02/25/21 22:37	2
1,2-Dichloropropane	ND		0.40	0.066	ppb v/v			02/25/21 22:37	2
Bromodichloromethane	ND		0.40	0.070	ppb v/v			02/25/21 22:37	2
cis-1,3-Dichloropropene	ND		0.40	0.064	ppb v/v			02/25/21 22:37	2
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		1.0	0.072	ppb v/v			02/25/21 22:37	2
Toluene	**1.1**		0.40	0.22	ppb v/v			02/25/21 22:37	2
trans-1,3-Dichloropropene	ND		0.40	0.078	ppb v/v			02/25/21 22:37	2
1,1,2-Trichloroethane	ND		0.40	0.072	ppb v/v			02/25/21 22:37	2
Tetrachloroethene	**0.41**		0.40	0.066	ppb v/v			02/25/21 22:37	2
Methyl Butyl Ketone (2-Hexanone)	ND		1.0	0.096	ppb v/v			02/25/21 22:37	2
Dibromochloromethane	ND		0.40	0.072	ppb v/v			02/25/21 22:37	2
1,2-Dibromoethane	ND		0.40	0.098	ppb v/v			02/25/21 22:37	2
Chlorobenzene	ND		0.40	0.11	ppb v/v			02/25/21 22:37	2
Ethylbenzene	**0.26**	**J**	0.40	0.13	ppb v/v			02/25/21 22:37	2
m,p-Xylene	**1.4**		1.0	0.20	ppb v/v			02/25/21 22:37	2
o-Xylene	**0.40**		0.40	0.096	ppb v/v			02/25/21 22:37	2
Xylene (total)	**1.8**		1.4	0.096	ppb v/v			02/25/21 22:37	2
Styrene	ND		0.40	0.080	ppb v/v			02/25/21 22:37	2
Bromoform	ND		0.40	0.096	ppb v/v			02/25/21 22:37	2
Isopropylbenzene (cumene)	**0.093**	**J**	0.40	0.070	ppb v/v			02/25/21 22:37	2
1,1,2,2-Tetrachloroethane	ND		0.40	0.084	ppb v/v			02/25/21 22:37	2
1,3-Dichlorobenzene	ND		0.40	0.22	ppb v/v			02/25/21 22:37	2
1,4-Dichlorobenzene	ND		0.40	0.24	ppb v/v			02/25/21 22:37	2
1,2-Dichlorobenzene	ND		0.40	0.19	ppb v/v			02/25/21 22:37	2
1,2,4-Trichlorobenzene	ND		1.0	0.44	ppb v/v			02/25/21 22:37	2

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: YF25-IA-021721-0830
Date Collected: 02/17/21 15:35
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-12
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**6.2**		2.5	0.54	ug/m3			02/25/21 15:34	1
Chloromethane	**1.3**		1.0	0.23	ug/m3			02/25/21 15:34	1
Vinyl chloride	**2.3**		0.20	0.11	ug/m3			02/25/21 15:34	1
Bromomethane	ND		0.78	0.20	ug/m3			02/25/21 15:34	1
Chloroethane	ND		1.3	0.14	ug/m3			02/25/21 15:34	1
Trichlorofluoromethane	**1.4**		1.1	0.34	ug/m3			02/25/21 15:34	1
1,1,2-Trichlorotrifluoroethane	**0.62**	**J**	1.5	0.29	ug/m3			02/25/21 15:34	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/25/21 15:34	1
Acetone	**16**		12	2.9	ug/m3			02/25/21 15:34	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/25/21 15:34	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/25/21 15:34	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/25/21 15:34	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/25/21 15:34	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/25/21 15:34	1
Methyl Ethyl Ketone (2-Butanone)	**2.8**		1.5	0.21	ug/m3			02/25/21 15:34	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/25/21 15:34	1
Chloroform	ND		0.98	0.16	ug/m3			02/25/21 15:34	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 15:34	1
Cyclohexane	**0.25**	**J**	0.69	0.16	ug/m3			02/25/21 15:34	1
Carbon tetrachloride	**0.41**		0.22	0.15	ug/m3			02/25/21 15:34	1
Benzene	**0.66**		0.64	0.21	ug/m3			02/25/21 15:34	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/25/21 15:34	1
Trichloroethene	ND		0.20	0.19	ug/m3			02/25/21 15:34	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/25/21 15:34	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/25/21 15:34	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/25/21 15:34	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/25/21 15:34	1
Toluene	**11**		0.75	0.41	ug/m3			02/25/21 15:34	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/25/21 15:34	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 15:34	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/25/21 15:34	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/25/21 15:34	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/25/21 15:34	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/25/21 15:34	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/25/21 15:34	1
Ethylbenzene	**0.51**	**J**	0.87	0.27	ug/m3			02/25/21 15:34	1
m,p-Xylene	**1.8**	**J**	2.2	0.43	ug/m3			02/25/21 15:34	1
o-Xylene	**0.53**	**J**	0.87	0.21	ug/m3			02/25/21 15:34	1
Xylene (total)	**2.3**	**J**	3.0	0.21	ug/m3			02/25/21 15:34	1
Styrene	ND		0.85	0.17	ug/m3			02/25/21 15:34	1
Bromoform	ND		2.1	0.50	ug/m3			02/25/21 15:34	1
Isopropylbenzene (cumene)	ND		0.98	0.17	ug/m3			02/25/21 15:34	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/25/21 15:34	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/25/21 15:34	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/25/21 15:34	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/25/21 15:34	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/25/21 15:34	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: YF25-IA-021721-0830
Date Collected: 02/17/21 15:35
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-12
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**1.3**		0.50	0.11	ppb v/v			02/25/21 15:34	1
Chloromethane	**0.65**		0.50	0.11	ppb v/v			02/25/21 15:34	1
Vinyl chloride	**0.90**		0.078	0.044	ppb v/v			02/25/21 15:34	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/25/21 15:34	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/25/21 15:34	1
Trichlorofluoromethane	**0.25**		0.20	0.060	ppb v/v			02/25/21 15:34	1
1,1,2-Trichlorotrifluoroethane	**0.081**	**J**	0.20	0.038	ppb v/v			02/25/21 15:34	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/25/21 15:34	1
Acetone	**6.9**		5.0	1.2	ppb v/v			02/25/21 15:34	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/25/21 15:34	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/25/21 15:34	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/25/21 15:34	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/25/21 15:34	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/25/21 15:34	1
Methyl Ethyl Ketone (2-Butanone)	**0.96**		0.50	0.072	ppb v/v			02/25/21 15:34	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/25/21 15:34	1
Chloroform	ND		0.20	0.032	ppb v/v			02/25/21 15:34	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 15:34	1
Cyclohexane	**0.071**	**J**	0.20	0.046	ppb v/v			02/25/21 15:34	1
Carbon tetrachloride	**0.065**		0.035	0.024	ppb v/v			02/25/21 15:34	1
Benzene	**0.21**		0.20	0.067	ppb v/v			02/25/21 15:34	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/25/21 15:34	1
Trichloroethene	ND		0.037	0.035	ppb v/v			02/25/21 15:34	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/25/21 15:34	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/25/21 15:34	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/25/21 15:34	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/25/21 15:34	1
Toluene	**2.9**		0.20	0.11	ppb v/v			02/25/21 15:34	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/25/21 15:34	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 15:34	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/25/21 15:34	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/25/21 15:34	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/25/21 15:34	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/25/21 15:34	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/25/21 15:34	1
Ethylbenzene	**0.12**	**J**	0.20	0.063	ppb v/v			02/25/21 15:34	1
m,p-Xylene	**0.41**	**J**	0.50	0.10	ppb v/v			02/25/21 15:34	1
o-Xylene	**0.12**	**J**	0.20	0.048	ppb v/v			02/25/21 15:34	1
Xylene (total)	**0.54**	**J**	0.70	0.048	ppb v/v			02/25/21 15:34	1
Styrene	ND		0.20	0.040	ppb v/v			02/25/21 15:34	1
Bromoform	ND		0.20	0.048	ppb v/v			02/25/21 15:34	1
Isopropylbenzene (cumene)	ND		0.20	0.035	ppb v/v			02/25/21 15:34	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/25/21 15:34	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/25/21 15:34	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/25/21 15:34	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/25/21 15:34	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/25/21 15:34	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: NN58-SV-021721-0855
Date Collected: 02/17/21 16:40
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-13
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.4**	**J**	2.5	0.54	ug/m3			02/25/21 23:30	1
Chloromethane	**0.48**	**J**	1.0	0.23	ug/m3			02/25/21 23:30	1
Vinyl chloride	**3.0**		0.20	0.11	ug/m3			02/25/21 23:30	1
Bromomethane	ND		0.78	0.20	ug/m3			02/25/21 23:30	1
Chloroethane	ND		1.3	0.14	ug/m3			02/25/21 23:30	1
Trichlorofluoromethane	**1.6**		1.1	0.34	ug/m3			02/25/21 23:30	1
1,1,2-Trichlorotrifluoroethane	ND		1.5	0.29	ug/m3			02/25/21 23:30	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/25/21 23:30	1
Acetone	**230**	**E**	12	2.9	ug/m3			02/25/21 23:30	1
Carbon disulfide	**0.65**	**J**	1.6	0.23	ug/m3			02/25/21 23:30	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/25/21 23:30	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/25/21 23:30	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/25/21 23:30	1
1,1-Dichloroethane	**0.97**		0.81	0.17	ug/m3			02/25/21 23:30	1
Methyl Ethyl Ketone (2-Butanone)	**37**		1.5	0.21	ug/m3			02/25/21 23:30	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/25/21 23:30	1
Chloroform	**6.3**		0.98	0.16	ug/m3			02/25/21 23:30	1
1,1,1-Trichloroethane	**0.49**	**J**	1.1	0.20	ug/m3			02/25/21 23:30	1
Cyclohexane	**43**		0.69	0.16	ug/m3			02/25/21 23:30	1
Carbon tetrachloride	**0.29**		0.22	0.15	ug/m3			02/25/21 23:30	1
Benzene	**6.6**		0.64	0.21	ug/m3			02/25/21 23:30	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/25/21 23:30	1
Trichloroethene	**8.6**		0.20	0.19	ug/m3			02/25/21 23:30	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/25/21 23:30	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/25/21 23:30	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/25/21 23:30	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**6.1**		2.0	0.15	ug/m3			02/25/21 23:30	1
Toluene	**36**		0.75	0.41	ug/m3			02/25/21 23:30	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/25/21 23:30	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 23:30	1
Tetrachloroethene	**21**		1.4	0.22	ug/m3			02/25/21 23:30	1
Methyl Butyl Ketone (2-Hexanone)	**13**		2.0	0.20	ug/m3			02/25/21 23:30	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/25/21 23:30	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/25/21 23:30	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/25/21 23:30	1
Ethylbenzene	**11**		0.87	0.27	ug/m3			02/25/21 23:30	1
m,p-Xylene	**57**		2.2	0.43	ug/m3			02/25/21 23:30	1
o-Xylene	**20**		0.87	0.21	ug/m3			02/25/21 23:30	1
Xylene (total)	**77**		3.0	0.21	ug/m3			02/25/21 23:30	1
Styrene	ND		0.85	0.17	ug/m3			02/25/21 23:30	1
Bromoform	ND		2.1	0.50	ug/m3			02/25/21 23:30	1
Isopropylbenzene (cumene)	**3.1**		0.98	0.17	ug/m3			02/25/21 23:30	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/25/21 23:30	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/25/21 23:30	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/25/21 23:30	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/25/21 23:30	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/25/21 23:30	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: NN58-SV-021721-0855
Date Collected: 02/17/21 16:40
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-13
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.48**	**J**	0.50	0.11	ppb v/v			02/25/21 23:30	1
Chloromethane	**0.23**	**J**	0.50	0.11	ppb v/v			02/25/21 23:30	1
Vinyl chloride	**1.2**		0.078	0.044	ppb v/v			02/25/21 23:30	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/25/21 23:30	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/25/21 23:30	1
Trichlorofluoromethane	**0.29**		0.20	0.060	ppb v/v			02/25/21 23:30	1
1,1,2-Trichlorotrifluoroethane	ND		0.20	0.038	ppb v/v			02/25/21 23:30	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/25/21 23:30	1
Acetone	**98**	**E**	5.0	1.2	ppb v/v			02/25/21 23:30	1
Carbon disulfide	**0.21**	**J**	0.50	0.074	ppb v/v			02/25/21 23:30	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/25/21 23:30	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/25/21 23:30	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/25/21 23:30	1
1,1-Dichloroethane	**0.24**		0.20	0.041	ppb v/v			02/25/21 23:30	1
Methyl Ethyl Ketone (2-Butanone)	**13**		0.50	0.072	ppb v/v			02/25/21 23:30	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/25/21 23:30	1
Chloroform	**1.3**		0.20	0.032	ppb v/v			02/25/21 23:30	1
1,1,1-Trichloroethane	**0.091**	**J**	0.20	0.036	ppb v/v			02/25/21 23:30	1
Cyclohexane	**13**		0.20	0.046	ppb v/v			02/25/21 23:30	1
Carbon tetrachloride	**0.046**		0.035	0.024	ppb v/v			02/25/21 23:30	1
Benzene	**2.1**		0.20	0.067	ppb v/v			02/25/21 23:30	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/25/21 23:30	1
Trichloroethene	**1.6**		0.037	0.035	ppb v/v			02/25/21 23:30	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/25/21 23:30	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/25/21 23:30	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/25/21 23:30	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**1.5**		0.50	0.036	ppb v/v			02/25/21 23:30	1
Toluene	**9.6**		0.20	0.11	ppb v/v			02/25/21 23:30	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/25/21 23:30	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 23:30	1
Tetrachloroethene	**3.1**		0.20	0.033	ppb v/v			02/25/21 23:30	1
Methyl Butyl Ketone (2-Hexanone)	**3.1**		0.50	0.048	ppb v/v			02/25/21 23:30	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/25/21 23:30	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/25/21 23:30	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/25/21 23:30	1
Ethylbenzene	**2.5**		0.20	0.063	ppb v/v			02/25/21 23:30	1
m,p-Xylene	**13**		0.50	0.10	ppb v/v			02/25/21 23:30	1
o-Xylene	**4.5**		0.20	0.048	ppb v/v			02/25/21 23:30	1
Xylene (total)	**18**		0.70	0.048	ppb v/v			02/25/21 23:30	1
Styrene	ND		0.20	0.040	ppb v/v			02/25/21 23:30	1
Bromoform	ND		0.20	0.048	ppb v/v			02/25/21 23:30	1
Isopropylbenzene (cumene)	**0.63**		0.20	0.035	ppb v/v			02/25/21 23:30	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/25/21 23:30	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/25/21 23:30	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/25/21 23:30	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/25/21 23:30	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/25/21 23:30	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: NN58-SV-021721-0855
Date Collected: 02/17/21 16:40
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-13
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**3.1**	**J**	9.9	2.2	ug/m3			02/26/21 00:23	4
Chloromethane	ND		4.1	0.91	ug/m3			02/26/21 00:23	4
Vinyl chloride	**3.2**		0.80	0.45	ug/m3			02/26/21 00:23	4
Bromomethane	ND		3.1	0.79	ug/m3			02/26/21 00:23	4
Chloroethane	ND		5.3	0.57	ug/m3			02/26/21 00:23	4
Trichlorofluoromethane	**1.6**	**J**	4.5	1.3	ug/m3			02/26/21 00:23	4
1,1,2-Trichlorotrifluoroethane	ND		6.1	1.2	ug/m3			02/26/21 00:23	4
1,1-Dichloroethene	ND		0.80	0.62	ug/m3			02/26/21 00:23	4
Acetone	**240**		48	11	ug/m3			02/26/21 00:23	4
Carbon disulfide	ND		6.2	0.92	ug/m3			02/26/21 00:23	4
Methylene Chloride	ND		6.9	3.8	ug/m3			02/26/21 00:23	4
Methyl tert-butyl ether	ND		2.9	0.48	ug/m3			02/26/21 00:23	4
trans-1,2-Dichloroethene	ND		3.2	0.67	ug/m3			02/26/21 00:23	4
1,1-Dichloroethane	**0.80**	**J**	3.2	0.66	ug/m3			02/26/21 00:23	4
Methyl Ethyl Ketone (2-Butanone)	**37**		5.9	0.85	ug/m3			02/26/21 00:23	4
cis-1,2-Dichloroethene	ND		0.80	0.71	ug/m3			02/26/21 00:23	4
Chloroform	**6.4**		3.9	0.62	ug/m3			02/26/21 00:23	4
1,1,1-Trichloroethane	ND		4.4	0.79	ug/m3			02/26/21 00:23	4
Cyclohexane	**43**		2.8	0.63	ug/m3			02/26/21 00:23	4
Carbon tetrachloride	ND		0.88	0.60	ug/m3			02/26/21 00:23	4
Benzene	**6.6**		2.6	0.86	ug/m3			02/26/21 00:23	4
1,2-Dichloroethane	ND		3.2	0.52	ug/m3			02/26/21 00:23	4
Trichloroethene	**8.2**		0.80	0.75	ug/m3			02/26/21 00:23	4
1,2-Dichloropropane	ND		3.7	0.61	ug/m3			02/26/21 00:23	4
Bromodichloromethane	ND		5.4	0.94	ug/m3			02/26/21 00:23	4
cis-1,3-Dichloropropene	ND		3.6	0.58	ug/m3			02/26/21 00:23	4
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**5.8**	**J**	8.2	0.59	ug/m3			02/26/21 00:23	4
Toluene	**35**		3.0	1.7	ug/m3			02/26/21 00:23	4
trans-1,3-Dichloropropene	ND		3.6	0.71	ug/m3			02/26/21 00:23	4
1,1,2-Trichloroethane	ND		4.4	0.79	ug/m3			02/26/21 00:23	4
Tetrachloroethene	**20**		5.4	0.90	ug/m3			02/26/21 00:23	4
Methyl Butyl Ketone (2-Hexanone)	**10**		8.2	0.79	ug/m3			02/26/21 00:23	4
Dibromochloromethane	ND		6.8	1.2	ug/m3			02/26/21 00:23	4
1,2-Dibromoethane	ND		6.1	1.5	ug/m3			02/26/21 00:23	4
Chlorobenzene	ND		3.7	1.0	ug/m3			02/26/21 00:23	4
Ethylbenzene	**10**		3.5	1.1	ug/m3			02/26/21 00:23	4
m,p-Xylene	**52**		8.7	1.7	ug/m3			02/26/21 00:23	4
o-Xylene	**18**		3.5	0.83	ug/m3			02/26/21 00:23	4
Xylene (total)	**70**		12	0.83	ug/m3			02/26/21 00:23	4
Styrene	ND		3.4	0.68	ug/m3			02/26/21 00:23	4
Bromoform	ND		8.3	2.0	ug/m3			02/26/21 00:23	4
Isopropylbenzene (cumene)	**2.9**	**J**	3.9	0.69	ug/m3			02/26/21 00:23	4
1,1,2,2-Tetrachloroethane	ND		5.5	1.2	ug/m3			02/26/21 00:23	4
1,3-Dichlorobenzene	ND		4.8	2.6	ug/m3			02/26/21 00:23	4
1,4-Dichlorobenzene	ND		4.8	2.9	ug/m3			02/26/21 00:23	4
1,2-Dichlorobenzene	ND		4.8	2.3	ug/m3			02/26/21 00:23	4
1,2,4-Trichlorobenzene	ND		15	6.5	ug/m3			02/26/21 00:23	4

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: NN58-SV-021721-0855
Date Collected: 02/17/21 16:40
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-13
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.64**	**J**	2.0	0.44	ppb v/v			02/26/21 00:23	4
Chloromethane	ND		2.0	0.44	ppb v/v			02/26/21 00:23	4
Vinyl chloride	**1.3**		0.31	0.18	ppb v/v			02/26/21 00:23	4
Bromomethane	ND		0.80	0.20	ppb v/v			02/26/21 00:23	4
Chloroethane	ND		2.0	0.22	ppb v/v			02/26/21 00:23	4
Trichlorofluoromethane	**0.28**	**J**	0.80	0.24	ppb v/v			02/26/21 00:23	4
1,1,2-Trichlorotrifluoroethane	ND		0.80	0.15	ppb v/v			02/26/21 00:23	4
1,1-Dichloroethene	ND		0.20	0.16	ppb v/v			02/26/21 00:23	4
Acetone	**100**		20	4.8	ppb v/v			02/26/21 00:23	4
Carbon disulfide	ND		2.0	0.30	ppb v/v			02/26/21 00:23	4
Methylene Chloride	ND		2.0	1.1	ppb v/v			02/26/21 00:23	4
Methyl tert-butyl ether	ND		0.80	0.13	ppb v/v			02/26/21 00:23	4
trans-1,2-Dichloroethene	ND		0.80	0.17	ppb v/v			02/26/21 00:23	4
1,1-Dichloroethane	**0.20**	**J**	0.80	0.16	ppb v/v			02/26/21 00:23	4
Methyl Ethyl Ketone (2-Butanone)	**12**		2.0	0.29	ppb v/v			02/26/21 00:23	4
cis-1,2-Dichloroethene	ND		0.20	0.18	ppb v/v			02/26/21 00:23	4
Chloroform	**1.3**		0.80	0.13	ppb v/v			02/26/21 00:23	4
1,1,1-Trichloroethane	ND		0.80	0.14	ppb v/v			02/26/21 00:23	4
Cyclohexane	**12**		0.80	0.18	ppb v/v			02/26/21 00:23	4
Carbon tetrachloride	ND		0.14	0.096	ppb v/v			02/26/21 00:23	4
Benzene	**2.1**		0.80	0.27	ppb v/v			02/26/21 00:23	4
1,2-Dichloroethane	ND		0.80	0.13	ppb v/v			02/26/21 00:23	4
Trichloroethene	**1.5**		0.15	0.14	ppb v/v			02/26/21 00:23	4
1,2-Dichloropropane	ND		0.80	0.13	ppb v/v			02/26/21 00:23	4
Bromodichloromethane	ND		0.80	0.14	ppb v/v			02/26/21 00:23	4
cis-1,3-Dichloropropene	ND		0.80	0.13	ppb v/v			02/26/21 00:23	4
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**1.4**	**J**	2.0	0.14	ppb v/v			02/26/21 00:23	4
Toluene	**9.3**		0.80	0.44	ppb v/v			02/26/21 00:23	4
trans-1,3-Dichloropropene	ND		0.80	0.16	ppb v/v			02/26/21 00:23	4
1,1,2-Trichloroethane	ND		0.80	0.14	ppb v/v			02/26/21 00:23	4
Tetrachloroethene	**2.9**		0.80	0.13	ppb v/v			02/26/21 00:23	4
Methyl Butyl Ketone (2-Hexanone)	**2.5**		2.0	0.19	ppb v/v			02/26/21 00:23	4
Dibromochloromethane	ND		0.80	0.14	ppb v/v			02/26/21 00:23	4
1,2-Dibromoethane	ND		0.80	0.20	ppb v/v			02/26/21 00:23	4
Chlorobenzene	ND		0.80	0.22	ppb v/v			02/26/21 00:23	4
Ethylbenzene	**2.3**		0.80	0.25	ppb v/v			02/26/21 00:23	4
m,p-Xylene	**12**		2.0	0.40	ppb v/v			02/26/21 00:23	4
o-Xylene	**4.2**		0.80	0.19	ppb v/v			02/26/21 00:23	4
Xylene (total)	**16**		2.8	0.19	ppb v/v			02/26/21 00:23	4
Styrene	ND		0.80	0.16	ppb v/v			02/26/21 00:23	4
Bromoform	ND		0.80	0.19	ppb v/v			02/26/21 00:23	4
Isopropylbenzene (cumene)	**0.58**	**J**	0.80	0.14	ppb v/v			02/26/21 00:23	4
1,1,2,2-Tetrachloroethane	ND		0.80	0.17	ppb v/v			02/26/21 00:23	4
1,3-Dichlorobenzene	ND		0.80	0.44	ppb v/v			02/26/21 00:23	4
1,4-Dichlorobenzene	ND		0.80	0.48	ppb v/v			02/26/21 00:23	4
1,2-Dichlorobenzene	ND		0.80	0.39	ppb v/v			02/26/21 00:23	4
1,2,4-Trichlorobenzene	ND		2.0	0.88	ppb v/v			02/26/21 00:23	4

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: NN58-IA-021721-0845
Date Collected: 02/17/21 16:40
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-14
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.4**	**J**	2.5	0.54	ug/m3			02/25/21 04:46	1
Chloromethane	**1.5**		1.0	0.23	ug/m3			02/25/21 04:46	1
Vinyl chloride	**4.0**		0.20	0.11	ug/m3			02/25/21 04:46	1
Bromomethane	ND		0.78	0.20	ug/m3			02/25/21 04:46	1
Chloroethane	ND		1.3	0.14	ug/m3			02/25/21 04:46	1
Trichlorofluoromethane	**1.5**		1.1	0.34	ug/m3			02/25/21 04:46	1
1,1,2-Trichlorotrifluoroethane	**0.62**	**J**	1.5	0.29	ug/m3			02/25/21 04:46	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/25/21 04:46	1
Acetone	**9.7**	**J**	12	2.9	ug/m3			02/25/21 04:46	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/25/21 04:46	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/25/21 04:46	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/25/21 04:46	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/25/21 04:46	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/25/21 04:46	1
Methyl Ethyl Ketone (2-Butanone)	**1.4**	**J**	1.5	0.21	ug/m3			02/25/21 04:46	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/25/21 04:46	1
Chloroform	ND		0.98	0.16	ug/m3			02/25/21 04:46	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 04:46	1
Cyclohexane	ND		0.69	0.16	ug/m3			02/25/21 04:46	1
Carbon tetrachloride	**0.37**		0.22	0.15	ug/m3			02/25/21 04:46	1
Benzene	**0.62**	**J**	0.64	0.21	ug/m3			02/25/21 04:46	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/25/21 04:46	1
Trichloroethene	**0.51**		0.20	0.19	ug/m3			02/25/21 04:46	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/25/21 04:46	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/25/21 04:46	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/25/21 04:46	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/25/21 04:46	1
Toluene	**0.90**		0.75	0.41	ug/m3			02/25/21 04:46	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/25/21 04:46	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 04:46	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/25/21 04:46	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/25/21 04:46	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/25/21 04:46	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/25/21 04:46	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/25/21 04:46	1
Ethylbenzene	ND		0.87	0.27	ug/m3			02/25/21 04:46	1
m,p-Xylene	**0.46**	**J**	2.2	0.43	ug/m3			02/25/21 04:46	1
o-Xylene	**0.31**	**J**	0.87	0.21	ug/m3			02/25/21 04:46	1
Xylene (total)	**0.77**	**J**	3.0	0.21	ug/m3			02/25/21 04:46	1
Styrene	ND		0.85	0.17	ug/m3			02/25/21 04:46	1
Bromoform	ND		2.1	0.50	ug/m3			02/25/21 04:46	1
Isopropylbenzene (cumene)	**0.20**	**J**	0.98	0.17	ug/m3			02/25/21 04:46	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/25/21 04:46	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/25/21 04:46	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/25/21 04:46	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/25/21 04:46	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/25/21 04:46	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: NN58-IA-021721-0845
Date Collected: 02/17/21 16:40
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-14
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.49**	**J**	0.50	0.11	ppb v/v			02/25/21 04:46	1
Chloromethane	**0.75**		0.50	0.11	ppb v/v			02/25/21 04:46	1
Vinyl chloride	**1.6**		0.078	0.044	ppb v/v			02/25/21 04:46	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/25/21 04:46	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/25/21 04:46	1
Trichlorofluoromethane	**0.27**		0.20	0.060	ppb v/v			02/25/21 04:46	1
1,1,2-Trichlorotrifluoroethane	**0.081**	**J**	0.20	0.038	ppb v/v			02/25/21 04:46	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/25/21 04:46	1
Acetone	**4.1**	**J**	5.0	1.2	ppb v/v			02/25/21 04:46	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/25/21 04:46	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/25/21 04:46	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/25/21 04:46	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/25/21 04:46	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/25/21 04:46	1
Methyl Ethyl Ketone (2-Butanone)	**0.49**	**J**	0.50	0.072	ppb v/v			02/25/21 04:46	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/25/21 04:46	1
Chloroform	ND		0.20	0.032	ppb v/v			02/25/21 04:46	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 04:46	1
Cyclohexane	ND		0.20	0.046	ppb v/v			02/25/21 04:46	1
Carbon tetrachloride	**0.058**		0.035	0.024	ppb v/v			02/25/21 04:46	1
Benzene	**0.19**	**J**	0.20	0.067	ppb v/v			02/25/21 04:46	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/25/21 04:46	1
Trichloroethene	**0.095**		0.037	0.035	ppb v/v			02/25/21 04:46	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/25/21 04:46	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/25/21 04:46	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/25/21 04:46	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/25/21 04:46	1
Toluene	**0.24**		0.20	0.11	ppb v/v			02/25/21 04:46	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/25/21 04:46	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 04:46	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/25/21 04:46	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/25/21 04:46	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/25/21 04:46	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/25/21 04:46	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/25/21 04:46	1
Ethylbenzene	ND		0.20	0.063	ppb v/v			02/25/21 04:46	1
m,p-Xylene	**0.11**	**J**	0.50	0.10	ppb v/v			02/25/21 04:46	1
o-Xylene	**0.072**	**J**	0.20	0.048	ppb v/v			02/25/21 04:46	1
Xylene (total)	**0.18**	**J**	0.70	0.048	ppb v/v			02/25/21 04:46	1
Styrene	ND		0.20	0.040	ppb v/v			02/25/21 04:46	1
Bromoform	ND		0.20	0.048	ppb v/v			02/25/21 04:46	1
Isopropylbenzene (cumene)	**0.042**	**J**	0.20	0.035	ppb v/v			02/25/21 04:46	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/25/21 04:46	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/25/21 04:46	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/25/21 04:46	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/25/21 04:46	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/25/21 04:46	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: CC60-IA-021721-0908
Date Collected: 02/17/21 17:08
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-15
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.5**		2.5	0.54	ug/m3			02/25/21 05:39	1
Chloromethane	**1.8**		1.0	0.23	ug/m3			02/25/21 05:39	1
Vinyl chloride	**6.7**		0.20	0.11	ug/m3			02/25/21 05:39	1
Bromomethane	ND		0.78	0.20	ug/m3			02/25/21 05:39	1
Chloroethane	ND		1.3	0.14	ug/m3			02/25/21 05:39	1
Trichlorofluoromethane	**1.8**		1.1	0.34	ug/m3			02/25/21 05:39	1
1,1,2-Trichlorotrifluoroethane	**0.97**	**J**	1.5	0.29	ug/m3			02/25/21 05:39	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/25/21 05:39	1
Acetone	**18**		12	2.9	ug/m3			02/25/21 05:39	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/25/21 05:39	1
Methylene Chloride	**1.4**	**J**	1.7	0.94	ug/m3			02/25/21 05:39	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/25/21 05:39	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/25/21 05:39	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/25/21 05:39	1
Methyl Ethyl Ketone (2-Butanone)	**3.2**		1.5	0.21	ug/m3			02/25/21 05:39	1
cis-1,2-Dichloroethene	**0.26**		0.20	0.18	ug/m3			02/25/21 05:39	1
Chloroform	ND		0.98	0.16	ug/m3			02/25/21 05:39	1
1,1,1-Trichloroethane	**0.54**	**J**	1.1	0.20	ug/m3			02/25/21 05:39	1
Cyclohexane	**0.31**	**J**	0.69	0.16	ug/m3			02/25/21 05:39	1
Carbon tetrachloride	**0.44**		0.22	0.15	ug/m3			02/25/21 05:39	1
Benzene	**0.60**	**J**	0.64	0.21	ug/m3			02/25/21 05:39	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/25/21 05:39	1
Trichloroethene	**0.59**		0.20	0.19	ug/m3			02/25/21 05:39	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/25/21 05:39	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/25/21 05:39	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/25/21 05:39	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/25/21 05:39	1
Toluene	**7.0**		0.75	0.41	ug/m3			02/25/21 05:39	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/25/21 05:39	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 05:39	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/25/21 05:39	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/25/21 05:39	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/25/21 05:39	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/25/21 05:39	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/25/21 05:39	1
Ethylbenzene	ND		0.87	0.27	ug/m3			02/25/21 05:39	1
m,p-Xylene	**0.74**	**J**	2.2	0.43	ug/m3			02/25/21 05:39	1
o-Xylene	**0.28**	**J**	0.87	0.21	ug/m3			02/25/21 05:39	1
Xylene (total)	**1.0**	**J**	3.0	0.21	ug/m3			02/25/21 05:39	1
Styrene	ND		0.85	0.17	ug/m3			02/25/21 05:39	1
Bromoform	ND		2.1	0.50	ug/m3			02/25/21 05:39	1
Isopropylbenzene (cumene)	**0.25**	**J**	0.98	0.17	ug/m3			02/25/21 05:39	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/25/21 05:39	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/25/21 05:39	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/25/21 05:39	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/25/21 05:39	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/25/21 05:39	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: CC60-IA-021721-0908
Date Collected: 02/17/21 17:08
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-15
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.51**		0.50	0.11	ppb v/v			02/25/21 05:39	1
Chloromethane	**0.88**		0.50	0.11	ppb v/v			02/25/21 05:39	1
Vinyl chloride	**2.6**		0.078	0.044	ppb v/v			02/25/21 05:39	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/25/21 05:39	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/25/21 05:39	1
Trichlorofluoromethane	**0.31**		0.20	0.060	ppb v/v			02/25/21 05:39	1
1,1,2-Trichlorotrifluoroethane	**0.13**	**J**	0.20	0.038	ppb v/v			02/25/21 05:39	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/25/21 05:39	1
Acetone	**7.7**		5.0	1.2	ppb v/v			02/25/21 05:39	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/25/21 05:39	1
Methylene Chloride	**0.41**	**J**	0.50	0.27	ppb v/v			02/25/21 05:39	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/25/21 05:39	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/25/21 05:39	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/25/21 05:39	1
Methyl Ethyl Ketone (2-Butanone)	**1.1**		0.50	0.072	ppb v/v			02/25/21 05:39	1
cis-1,2-Dichloroethene	**0.066**		0.050	0.045	ppb v/v			02/25/21 05:39	1
Chloroform	ND		0.20	0.032	ppb v/v			02/25/21 05:39	1
1,1,1-Trichloroethane	**0.098**	**J**	0.20	0.036	ppb v/v			02/25/21 05:39	1
Cyclohexane	**0.090**	**J**	0.20	0.046	ppb v/v			02/25/21 05:39	1
Carbon tetrachloride	**0.071**		0.035	0.024	ppb v/v			02/25/21 05:39	1
Benzene	**0.19**	**J**	0.20	0.067	ppb v/v			02/25/21 05:39	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/25/21 05:39	1
Trichloroethene	**0.11**		0.037	0.035	ppb v/v			02/25/21 05:39	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/25/21 05:39	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/25/21 05:39	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/25/21 05:39	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/25/21 05:39	1
Toluene	**1.9**		0.20	0.11	ppb v/v			02/25/21 05:39	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/25/21 05:39	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 05:39	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/25/21 05:39	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/25/21 05:39	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/25/21 05:39	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/25/21 05:39	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/25/21 05:39	1
Ethylbenzene	ND		0.20	0.063	ppb v/v			02/25/21 05:39	1
m,p-Xylene	**0.17**	**J**	0.50	0.10	ppb v/v			02/25/21 05:39	1
o-Xylene	**0.063**	**J**	0.20	0.048	ppb v/v			02/25/21 05:39	1
Xylene (total)	**0.23**	**J**	0.70	0.048	ppb v/v			02/25/21 05:39	1
Styrene	ND		0.20	0.040	ppb v/v			02/25/21 05:39	1
Bromoform	ND		0.20	0.048	ppb v/v			02/25/21 05:39	1
Isopropylbenzene (cumene)	**0.051**	**J**	0.20	0.035	ppb v/v			02/25/21 05:39	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/25/21 05:39	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/25/21 05:39	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/25/21 05:39	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/25/21 05:39	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/25/21 05:39	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: AA2-021721-0950
Date Collected: 02/17/21 17:17
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-16
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.5**		2.5	0.54	ug/m3			02/26/21 01:15	1
Chloromethane	**1.4**		1.0	0.23	ug/m3			02/26/21 01:15	1
Vinyl chloride	**2.0**		0.20	0.11	ug/m3			02/26/21 01:15	1
Bromomethane	ND		0.78	0.20	ug/m3			02/26/21 01:15	1
Chloroethane	ND		1.3	0.14	ug/m3			02/26/21 01:15	1
Trichlorofluoromethane	**1.4**		1.1	0.34	ug/m3			02/26/21 01:15	1
1,1,2-Trichlorotrifluoroethane	**0.58**	**J**	1.5	0.29	ug/m3			02/26/21 01:15	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/26/21 01:15	1
Acetone	**7.7**	**J**	12	2.9	ug/m3			02/26/21 01:15	1
Carbon disulfide	**0.30**	**J**	1.6	0.23	ug/m3			02/26/21 01:15	1
Methylene Chloride	**1.6**	**J**	1.7	0.94	ug/m3			02/26/21 01:15	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/26/21 01:15	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/26/21 01:15	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/26/21 01:15	1
Methyl Ethyl Ketone (2-Butanone)	**0.78**	**J**	1.5	0.21	ug/m3			02/26/21 01:15	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/26/21 01:15	1
Chloroform	ND		0.98	0.16	ug/m3			02/26/21 01:15	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 01:15	1
Cyclohexane	ND		0.69	0.16	ug/m3			02/26/21 01:15	1
Carbon tetrachloride	**0.43**		0.22	0.15	ug/m3			02/26/21 01:15	1
Benzene	**0.66**		0.64	0.21	ug/m3			02/26/21 01:15	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/26/21 01:15	1
Trichloroethene	**1.0**		0.20	0.19	ug/m3			02/26/21 01:15	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/26/21 01:15	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/26/21 01:15	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/26/21 01:15	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/26/21 01:15	1
Toluene	**2.1**		0.75	0.41	ug/m3			02/26/21 01:15	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/26/21 01:15	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 01:15	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/26/21 01:15	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/26/21 01:15	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/26/21 01:15	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/26/21 01:15	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/26/21 01:15	1
Ethylbenzene	ND		0.87	0.27	ug/m3			02/26/21 01:15	1
m,p-Xylene	ND		2.2	0.43	ug/m3			02/26/21 01:15	1
o-Xylene	ND		0.87	0.21	ug/m3			02/26/21 01:15	1
Xylene (total)	ND		3.0	0.21	ug/m3			02/26/21 01:15	1
Styrene	ND		0.85	0.17	ug/m3			02/26/21 01:15	1
Bromoform	ND		2.1	0.50	ug/m3			02/26/21 01:15	1
Isopropylbenzene (cumene)	ND		0.98	0.17	ug/m3			02/26/21 01:15	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/26/21 01:15	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/26/21 01:15	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/26/21 01:15	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/26/21 01:15	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/26/21 01:15	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: AA2-021721-0950
Date Collected: 02/17/21 17:17
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-16
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.50**		0.50	0.11	ppb v/v			02/26/21 01:15	1
Chloromethane	**0.68**		0.50	0.11	ppb v/v			02/26/21 01:15	1
Vinyl chloride	**0.80**		0.078	0.044	ppb v/v			02/26/21 01:15	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/26/21 01:15	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/26/21 01:15	1
Trichlorofluoromethane	**0.26**		0.20	0.060	ppb v/v			02/26/21 01:15	1
1,1,2-Trichlorotrifluoroethane	**0.075**	**J**	0.20	0.038	ppb v/v			02/26/21 01:15	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/26/21 01:15	1
Acetone	**3.2**	**J**	5.0	1.2	ppb v/v			02/26/21 01:15	1
Carbon disulfide	**0.095**	**J**	0.50	0.074	ppb v/v			02/26/21 01:15	1
Methylene Chloride	**0.46**	**J**	0.50	0.27	ppb v/v			02/26/21 01:15	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/26/21 01:15	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/26/21 01:15	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/26/21 01:15	1
Methyl Ethyl Ketone (2-Butanone)	**0.27**	**J**	0.50	0.072	ppb v/v			02/26/21 01:15	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/26/21 01:15	1
Chloroform	ND		0.20	0.032	ppb v/v			02/26/21 01:15	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 01:15	1
Cyclohexane	ND		0.20	0.046	ppb v/v			02/26/21 01:15	1
Carbon tetrachloride	**0.068**		0.035	0.024	ppb v/v			02/26/21 01:15	1
Benzene	**0.21**		0.20	0.067	ppb v/v			02/26/21 01:15	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/26/21 01:15	1
Trichloroethene	**0.19**		0.037	0.035	ppb v/v			02/26/21 01:15	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/26/21 01:15	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/26/21 01:15	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/26/21 01:15	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/26/21 01:15	1
Toluene	**0.56**		0.20	0.11	ppb v/v			02/26/21 01:15	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/26/21 01:15	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 01:15	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/26/21 01:15	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/26/21 01:15	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/26/21 01:15	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/26/21 01:15	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/26/21 01:15	1
Ethylbenzene	ND		0.20	0.063	ppb v/v			02/26/21 01:15	1
m,p-Xylene	ND		0.50	0.10	ppb v/v			02/26/21 01:15	1
o-Xylene	ND		0.20	0.048	ppb v/v			02/26/21 01:15	1
Xylene (total)	ND		0.70	0.048	ppb v/v			02/26/21 01:15	1
Styrene	ND		0.20	0.040	ppb v/v			02/26/21 01:15	1
Bromoform	ND		0.20	0.048	ppb v/v			02/26/21 01:15	1
Isopropylbenzene (cumene)	ND		0.20	0.035	ppb v/v			02/26/21 01:15	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/26/21 01:15	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/26/21 01:15	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/26/21 01:15	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/26/21 01:15	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/26/21 01:15	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: DD31-IA-021721-1015
Date Collected: 02/17/21 17:24
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-17
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.6**		2.5	0.54	ug/m3			02/26/21 02:08	1
Chloromethane	**1.5**		1.0	0.23	ug/m3			02/26/21 02:08	1
Vinyl chloride	**1.1**		0.20	0.11	ug/m3			02/26/21 02:08	1
Bromomethane	ND		0.78	0.20	ug/m3			02/26/21 02:08	1
Chloroethane	ND		1.3	0.14	ug/m3			02/26/21 02:08	1
Trichlorofluoromethane	**2.2**		1.1	0.34	ug/m3			02/26/21 02:08	1
1,1,2-Trichlorotrifluoroethane	**0.63**	**J**	1.5	0.29	ug/m3			02/26/21 02:08	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/26/21 02:08	1
Acetone	**12**		12	2.9	ug/m3			02/26/21 02:08	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/26/21 02:08	1
Methylene Chloride	**1.4**	**J**	1.7	0.94	ug/m3			02/26/21 02:08	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/26/21 02:08	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/26/21 02:08	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/26/21 02:08	1
Methyl Ethyl Ketone (2-Butanone)	**1.1**	**J**	1.5	0.21	ug/m3			02/26/21 02:08	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/26/21 02:08	1
Chloroform	**0.38**	**J**	0.98	0.16	ug/m3			02/26/21 02:08	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 02:08	1
Cyclohexane	ND		0.69	0.16	ug/m3			02/26/21 02:08	1
Carbon tetrachloride	**0.41**		0.22	0.15	ug/m3			02/26/21 02:08	1
Benzene	**0.58**	**J**	0.64	0.21	ug/m3			02/26/21 02:08	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/26/21 02:08	1
Trichloroethene	ND		0.20	0.19	ug/m3			02/26/21 02:08	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/26/21 02:08	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/26/21 02:08	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/26/21 02:08	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/26/21 02:08	1
Toluene	**0.63**	**J**	0.75	0.41	ug/m3			02/26/21 02:08	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/26/21 02:08	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 02:08	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/26/21 02:08	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/26/21 02:08	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/26/21 02:08	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/26/21 02:08	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/26/21 02:08	1
Ethylbenzene	ND		0.87	0.27	ug/m3			02/26/21 02:08	1
m,p-Xylene	**1.1**	**J**	2.2	0.43	ug/m3			02/26/21 02:08	1
o-Xylene	**3.7**		0.87	0.21	ug/m3			02/26/21 02:08	1
Xylene (total)	**4.8**		3.0	0.21	ug/m3			02/26/21 02:08	1
Styrene	ND		0.85	0.17	ug/m3			02/26/21 02:08	1
Bromoform	ND		2.1	0.50	ug/m3			02/26/21 02:08	1
Isopropylbenzene (cumene)	**7.0**		0.98	0.17	ug/m3			02/26/21 02:08	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/26/21 02:08	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/26/21 02:08	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/26/21 02:08	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/26/21 02:08	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/26/21 02:08	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: DD31-IA-021721-1015
Date Collected: 02/17/21 17:24
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-17
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.54**		0.50	0.11	ppb v/v			02/26/21 02:08	1
Chloromethane	**0.71**		0.50	0.11	ppb v/v			02/26/21 02:08	1
Vinyl chloride	**0.44**		0.078	0.044	ppb v/v			02/26/21 02:08	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/26/21 02:08	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/26/21 02:08	1
Trichlorofluoromethane	**0.40**		0.20	0.060	ppb v/v			02/26/21 02:08	1
1,1,2-Trichlorotrifluoroethane	**0.082**	**J**	0.20	0.038	ppb v/v			02/26/21 02:08	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/26/21 02:08	1
Acetone	**5.2**		5.0	1.2	ppb v/v			02/26/21 02:08	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/26/21 02:08	1
Methylene Chloride	**0.40**	**J**	0.50	0.27	ppb v/v			02/26/21 02:08	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/26/21 02:08	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/26/21 02:08	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/26/21 02:08	1
Methyl Ethyl Ketone (2-Butanone)	**0.38**	**J**	0.50	0.072	ppb v/v			02/26/21 02:08	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/26/21 02:08	1
Chloroform	**0.078**	**J**	0.20	0.032	ppb v/v			02/26/21 02:08	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 02:08	1
Cyclohexane	ND		0.20	0.046	ppb v/v			02/26/21 02:08	1
Carbon tetrachloride	**0.065**		0.035	0.024	ppb v/v			02/26/21 02:08	1
Benzene	**0.18**	**J**	0.20	0.067	ppb v/v			02/26/21 02:08	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/26/21 02:08	1
Trichloroethene	ND		0.037	0.035	ppb v/v			02/26/21 02:08	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/26/21 02:08	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/26/21 02:08	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/26/21 02:08	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/26/21 02:08	1
Toluene	**0.17**	**J**	0.20	0.11	ppb v/v			02/26/21 02:08	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/26/21 02:08	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 02:08	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/26/21 02:08	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/26/21 02:08	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/26/21 02:08	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/26/21 02:08	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/26/21 02:08	1
Ethylbenzene	ND		0.20	0.063	ppb v/v			02/26/21 02:08	1
m,p-Xylene	**0.25**	**J**	0.50	0.10	ppb v/v			02/26/21 02:08	1
o-Xylene	**0.84**		0.20	0.048	ppb v/v			02/26/21 02:08	1
Xylene (total)	**1.1**		0.70	0.048	ppb v/v			02/26/21 02:08	1
Styrene	ND		0.20	0.040	ppb v/v			02/26/21 02:08	1
Bromoform	ND		0.20	0.048	ppb v/v			02/26/21 02:08	1
Isopropylbenzene (cumene)	**1.4**		0.20	0.035	ppb v/v			02/26/21 02:08	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/26/21 02:08	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/26/21 02:08	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/26/21 02:08	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/26/21 02:08	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/26/21 02:08	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: KK35-IA-021721-1015
Date Collected: 02/17/21 17:30
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-18
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.4**	**J**	2.5	0.54	ug/m3			02/26/21 03:01	1
Chloromethane	**1.3**		1.0	0.23	ug/m3			02/26/21 03:01	1
Vinyl chloride	**1.1**		0.20	0.11	ug/m3			02/26/21 03:01	1
Bromomethane	ND		0.78	0.20	ug/m3			02/26/21 03:01	1
Chloroethane	ND		1.3	0.14	ug/m3			02/26/21 03:01	1
Trichlorofluoromethane	**2.7**		1.1	0.34	ug/m3			02/26/21 03:01	1
1,1,2-Trichlorotrifluoroethane	**0.56**	**J**	1.5	0.29	ug/m3			02/26/21 03:01	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/26/21 03:01	1
Acetone	**8.3**	**J**	12	2.9	ug/m3			02/26/21 03:01	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/26/21 03:01	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/26/21 03:01	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/26/21 03:01	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/26/21 03:01	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/26/21 03:01	1
Methyl Ethyl Ketone (2-Butanone)	**1.4**	**J**	1.5	0.21	ug/m3			02/26/21 03:01	1
cis-1,2-Dichloroethene	**0.20**		0.20	0.18	ug/m3			02/26/21 03:01	1
Chloroform	ND		0.98	0.16	ug/m3			02/26/21 03:01	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 03:01	1
Cyclohexane	**0.50**	**J**	0.69	0.16	ug/m3			02/26/21 03:01	1
Carbon tetrachloride	**0.43**		0.22	0.15	ug/m3			02/26/21 03:01	1
Benzene	**0.66**		0.64	0.21	ug/m3			02/26/21 03:01	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/26/21 03:01	1
Trichloroethene	**0.27**		0.20	0.19	ug/m3			02/26/21 03:01	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/26/21 03:01	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/26/21 03:01	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/26/21 03:01	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/26/21 03:01	1
Toluene	**1.1**		0.75	0.41	ug/m3			02/26/21 03:01	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/26/21 03:01	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 03:01	1
Tetrachloroethene	**0.63**	**J**	1.4	0.22	ug/m3			02/26/21 03:01	1
Methyl Butyl Ketone (2-Hexanone)	**32**		2.0	0.20	ug/m3			02/26/21 03:01	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/26/21 03:01	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/26/21 03:01	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/26/21 03:01	1
Ethylbenzene	**0.45**	**J**	0.87	0.27	ug/m3			02/26/21 03:01	1
m,p-Xylene	**3.3**		2.2	0.43	ug/m3			02/26/21 03:01	1
o-Xylene	**17**		0.87	0.21	ug/m3			02/26/21 03:01	1
Xylene (total)	**20**		3.0	0.21	ug/m3			02/26/21 03:01	1
Styrene	ND		0.85	0.17	ug/m3			02/26/21 03:01	1
Bromoform	ND		2.1	0.50	ug/m3			02/26/21 03:01	1
Isopropylbenzene (cumene)	**34**		0.98	0.17	ug/m3			02/26/21 03:01	1
1,1,2,2-Tetrachloroethane	**41**		1.4	0.29	ug/m3			02/26/21 03:01	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/26/21 03:01	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/26/21 03:01	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/26/21 03:01	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/26/21 03:01	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: KK35-IA-021721-1015
Date Collected: 02/17/21 17:30
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-18
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.48**	**J**	0.50	0.11	ppb v/v			02/26/21 03:01	1
Chloromethane	**0.65**		0.50	0.11	ppb v/v			02/26/21 03:01	1
Vinyl chloride	**0.43**		0.078	0.044	ppb v/v			02/26/21 03:01	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/26/21 03:01	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/26/21 03:01	1
Trichlorofluoromethane	**0.48**		0.20	0.060	ppb v/v			02/26/21 03:01	1
1,1,2-Trichlorotrifluoroethane	**0.074**	**J**	0.20	0.038	ppb v/v			02/26/21 03:01	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/26/21 03:01	1
Acetone	**3.5**	**J**	5.0	1.2	ppb v/v			02/26/21 03:01	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/26/21 03:01	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/26/21 03:01	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/26/21 03:01	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/26/21 03:01	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/26/21 03:01	1
Methyl Ethyl Ketone (2-Butanone)	**0.46**	**J**	0.50	0.072	ppb v/v			02/26/21 03:01	1
cis-1,2-Dichloroethene	**0.051**		0.050	0.045	ppb v/v			02/26/21 03:01	1
Chloroform	ND		0.20	0.032	ppb v/v			02/26/21 03:01	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 03:01	1
Cyclohexane	**0.15**	**J**	0.20	0.046	ppb v/v			02/26/21 03:01	1
Carbon tetrachloride	**0.068**		0.035	0.024	ppb v/v			02/26/21 03:01	1
Benzene	**0.21**		0.20	0.067	ppb v/v			02/26/21 03:01	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/26/21 03:01	1
Trichloroethene	**0.051**		0.037	0.035	ppb v/v			02/26/21 03:01	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/26/21 03:01	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/26/21 03:01	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/26/21 03:01	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/26/21 03:01	1
Toluene	**0.28**		0.20	0.11	ppb v/v			02/26/21 03:01	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/26/21 03:01	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 03:01	1
Tetrachloroethene	**0.092**	**J**	0.20	0.033	ppb v/v			02/26/21 03:01	1
Methyl Butyl Ketone (2-Hexanone)	**7.9**		0.50	0.048	ppb v/v			02/26/21 03:01	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/26/21 03:01	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/26/21 03:01	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/26/21 03:01	1
Ethylbenzene	**0.10**	**J**	0.20	0.063	ppb v/v			02/26/21 03:01	1
m,p-Xylene	**0.76**		0.50	0.10	ppb v/v			02/26/21 03:01	1
o-Xylene	**3.8**		0.20	0.048	ppb v/v			02/26/21 03:01	1
Xylene (total)	**4.7**		0.70	0.048	ppb v/v			02/26/21 03:01	1
Styrene	ND		0.20	0.040	ppb v/v			02/26/21 03:01	1
Bromoform	ND		0.20	0.048	ppb v/v			02/26/21 03:01	1
Isopropylbenzene (cumene)	**7.0**		0.20	0.035	ppb v/v			02/26/21 03:01	1
1,1,2,2-Tetrachloroethane	**6.0**		0.20	0.042	ppb v/v			02/26/21 03:01	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/26/21 03:01	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/26/21 03:01	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/26/21 03:01	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/26/21 03:01	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: KK35-IA-021721-1015
Date Collected: 02/17/21 17:30
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-18
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		15	3.3	ug/m3			02/26/21 14:12	6.14
Chloromethane	ND		6.3	1.4	ug/m3			02/26/21 14:12	6.14
Vinyl chloride	**0.86**	**J**	1.2	0.69	ug/m3			02/26/21 14:12	6.14
Bromomethane	ND		4.8	1.2	ug/m3			02/26/21 14:12	6.14
Chloroethane	ND		8.1	0.87	ug/m3			02/26/21 14:12	6.14
Trichlorofluoromethane	ND		6.9	2.1	ug/m3			02/26/21 14:12	6.14
1,1,2-Trichlorotrifluoroethane	ND		9.4	1.8	ug/m3			02/26/21 14:12	6.14
1,1-Dichloroethene	ND		1.2	0.95	ug/m3			02/26/21 14:12	6.14
Acetone	ND		73	18	ug/m3			02/26/21 14:12	6.14
Carbon disulfide	ND		9.6	1.4	ug/m3			02/26/21 14:12	6.14
Methylene Chloride	ND		11	5.8	ug/m3			02/26/21 14:12	6.14
Methyl tert-butyl ether	ND		4.4	0.73	ug/m3			02/26/21 14:12	6.14
trans-1,2-Dichloroethene	ND		4.9	1.0	ug/m3			02/26/21 14:12	6.14
1,1-Dichloroethane	ND		5.0	1.0	ug/m3			02/26/21 14:12	6.14
Methyl Ethyl Ketone (2-Butanone)	ND		9.1	1.3	ug/m3			02/26/21 14:12	6.14
cis-1,2-Dichloroethene	ND		1.2	1.1	ug/m3			02/26/21 14:12	6.14
Chloroform	ND		6.0	0.96	ug/m3			02/26/21 14:12	6.14
1,1,1-Trichloroethane	ND		6.7	1.2	ug/m3			02/26/21 14:12	6.14
Cyclohexane	ND		4.2	0.97	ug/m3			02/26/21 14:12	6.14
Carbon tetrachloride	ND		1.4	0.93	ug/m3			02/26/21 14:12	6.14
Benzene	ND		3.9	1.3	ug/m3			02/26/21 14:12	6.14
1,2-Dichloroethane	ND		5.0	0.80	ug/m3			02/26/21 14:12	6.14
Trichloroethene	ND		1.2	1.2	ug/m3			02/26/21 14:12	6.14
1,2-Dichloropropane	ND		5.7	0.94	ug/m3			02/26/21 14:12	6.14
Bromodichloromethane	ND		8.2	1.4	ug/m3			02/26/21 14:12	6.14
cis-1,3-Dichloropropene	ND		5.6	0.89	ug/m3			02/26/21 14:12	6.14
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**2.6**	**J**	13	0.91	ug/m3			02/26/21 14:12	6.14
Toluene	ND		4.6	2.5	ug/m3			02/26/21 14:12	6.14
trans-1,3-Dichloropropene	ND		5.6	1.1	ug/m3			02/26/21 14:12	6.14
1,1,2-Trichloroethane	ND		6.7	1.2	ug/m3			02/26/21 14:12	6.14
Tetrachloroethene	ND		8.3	1.4	ug/m3			02/26/21 14:12	6.14
Methyl Butyl Ketone (2-Hexanone)	ND		13	1.2	ug/m3			02/26/21 14:12	6.14
Dibromochloromethane	ND		10	1.9	ug/m3			02/26/21 14:12	6.14
1,2-Dibromoethane	ND		9.4	2.3	ug/m3			02/26/21 14:12	6.14
Chlorobenzene	ND		5.7	1.6	ug/m3			02/26/21 14:12	6.14
Ethylbenzene	ND		5.3	1.7	ug/m3			02/26/21 14:12	6.14
m,p-Xylene	ND		13	2.7	ug/m3			02/26/21 14:12	6.14
o-Xylene	**17**		5.3	1.3	ug/m3			02/26/21 14:12	6.14
Xylene (total)	**17**	**J**	19	1.3	ug/m3			02/26/21 14:12	6.14
Styrene	ND		5.2	1.0	ug/m3			02/26/21 14:12	6.14
Bromoform	ND		13	3.0	ug/m3			02/26/21 14:12	6.14
Isopropylbenzene (cumene)	ND		6.0	1.1	ug/m3			02/26/21 14:12	6.14
1,1,2,2-Tetrachloroethane	ND		8.4	1.8	ug/m3			02/26/21 14:12	6.14
1,3-Dichlorobenzene	ND		7.4	4.1	ug/m3			02/26/21 14:12	6.14
1,4-Dichlorobenzene	ND		7.4	4.4	ug/m3			02/26/21 14:12	6.14
1,2-Dichlorobenzene	ND		7.4	3.6	ug/m3			02/26/21 14:12	6.14
1,2,4-Trichlorobenzene	ND		23	10	ug/m3			02/26/21 14:12	6.14

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: KK35-IA-021721-1015
Date Collected: 02/17/21 17:30
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-18
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		3.1	0.68	ppb v/v			02/26/21 14:12	6.14
Chloromethane	ND		3.1	0.68	ppb v/v			02/26/21 14:12	6.14
Vinyl chloride	**0.34**	**J**	0.48	0.27	ppb v/v			02/26/21 14:12	6.14
Bromomethane	ND		1.2	0.31	ppb v/v			02/26/21 14:12	6.14
Chloroethane	ND		3.1	0.33	ppb v/v			02/26/21 14:12	6.14
Trichlorofluoromethane	ND		1.2	0.37	ppb v/v			02/26/21 14:12	6.14
1,1,2-Trichlorotrifluoroethane	ND		1.2	0.23	ppb v/v			02/26/21 14:12	6.14
1,1-Dichloroethene	ND		0.31	0.24	ppb v/v			02/26/21 14:12	6.14
Acetone	ND		31	7.4	ppb v/v			02/26/21 14:12	6.14
Carbon disulfide	ND		3.1	0.45	ppb v/v			02/26/21 14:12	6.14
Methylene Chloride	ND		3.1	1.7	ppb v/v			02/26/21 14:12	6.14
Methyl tert-butyl ether	ND		1.2	0.20	ppb v/v			02/26/21 14:12	6.14
trans-1,2-Dichloroethene	ND		1.2	0.26	ppb v/v			02/26/21 14:12	6.14
1,1-Dichloroethane	ND		1.2	0.25	ppb v/v			02/26/21 14:12	6.14
Methyl Ethyl Ketone (2-Butanone)	ND		3.1	0.44	ppb v/v			02/26/21 14:12	6.14
cis-1,2-Dichloroethene	ND		0.31	0.28	ppb v/v			02/26/21 14:12	6.14
Chloroform	ND		1.2	0.20	ppb v/v			02/26/21 14:12	6.14
1,1,1-Trichloroethane	ND		1.2	0.22	ppb v/v			02/26/21 14:12	6.14
Cyclohexane	ND		1.2	0.28	ppb v/v			02/26/21 14:12	6.14
Carbon tetrachloride	ND		0.21	0.15	ppb v/v			02/26/21 14:12	6.14
Benzene	ND		1.2	0.41	ppb v/v			02/26/21 14:12	6.14
1,2-Dichloroethane	ND		1.2	0.20	ppb v/v			02/26/21 14:12	6.14
Trichloroethene	ND		0.23	0.21	ppb v/v			02/26/21 14:12	6.14
1,2-Dichloropropane	ND		1.2	0.20	ppb v/v			02/26/21 14:12	6.14
Bromodichloromethane	ND		1.2	0.21	ppb v/v			02/26/21 14:12	6.14
cis-1,3-Dichloropropene	ND		1.2	0.20	ppb v/v			02/26/21 14:12	6.14
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.63**	**J**	3.1	0.22	ppb v/v			02/26/21 14:12	6.14
Toluene	ND		1.2	0.68	ppb v/v			02/26/21 14:12	6.14
trans-1,3-Dichloropropene	ND		1.2	0.24	ppb v/v			02/26/21 14:12	6.14
1,1,2-Trichloroethane	ND		1.2	0.22	ppb v/v			02/26/21 14:12	6.14
Tetrachloroethene	ND		1.2	0.20	ppb v/v			02/26/21 14:12	6.14
Methyl Butyl Ketone (2-Hexanone)	ND		3.1	0.29	ppb v/v			02/26/21 14:12	6.14
Dibromochloromethane	ND		1.2	0.22	ppb v/v			02/26/21 14:12	6.14
1,2-Dibromoethane	ND		1.2	0.30	ppb v/v			02/26/21 14:12	6.14
Chlorobenzene	ND		1.2	0.34	ppb v/v			02/26/21 14:12	6.14
Ethylbenzene	ND		1.2	0.39	ppb v/v			02/26/21 14:12	6.14
m,p-Xylene	ND		3.1	0.61	ppb v/v			02/26/21 14:12	6.14
o-Xylene	**3.8**		1.2	0.29	ppb v/v			02/26/21 14:12	6.14
Xylene (total)	**3.9**	**J**	4.3	0.29	ppb v/v			02/26/21 14:12	6.14
Styrene	ND		1.2	0.25	ppb v/v			02/26/21 14:12	6.14
Bromoform	ND		1.2	0.29	ppb v/v			02/26/21 14:12	6.14
Isopropylbenzene (cumene)	ND		1.2	0.21	ppb v/v			02/26/21 14:12	6.14
1,1,2,2-Tetrachloroethane	ND		1.2	0.26	ppb v/v			02/26/21 14:12	6.14
1,3-Dichlorobenzene	ND		1.2	0.68	ppb v/v			02/26/21 14:12	6.14
1,4-Dichlorobenzene	ND		1.2	0.74	ppb v/v			02/26/21 14:12	6.14
1,2-Dichlorobenzene	ND		1.2	0.60	ppb v/v			02/26/21 14:12	6.14
1,2,4-Trichlorobenzene	ND		3.1	1.4	ppb v/v			02/26/21 14:12	6.14

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: W25-SV-021821-0840

Lab Sample ID: 200-57323-19

Date Collected: 02/18/21 16:00
Matrix: Air
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**3.4**		2.5	0.54	ug/m3			02/25/21 16:27	1
Chloromethane	**0.63**	**J**	1.0	0.23	ug/m3			02/25/21 16:27	1
Vinyl chloride	**1.2**		0.20	0.11	ug/m3			02/25/21 16:27	1
Bromomethane	ND		0.78	0.20	ug/m3			02/25/21 16:27	1
Chloroethane	ND		1.3	0.14	ug/m3			02/25/21 16:27	1
Trichlorofluoromethane	**1.4**		1.1	0.34	ug/m3			02/25/21 16:27	1
1,1,2-Trichlorotrifluoroethane	**0.63**	**J**	1.5	0.29	ug/m3			02/25/21 16:27	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/25/21 16:27	1
Acetone	**14**		12	2.9	ug/m3			02/25/21 16:27	1
Carbon disulfide	**0.50**	**J**	1.6	0.23	ug/m3			02/25/21 16:27	1
Methylene Chloride	**4.1**		1.7	0.94	ug/m3			02/25/21 16:27	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/25/21 16:27	1
trans-1,2-Dichloroethene	**0.31**	**J**	0.79	0.17	ug/m3			02/25/21 16:27	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/25/21 16:27	1
Methyl Ethyl Ketone (2-Butanone)	**0.91**	**J**	1.5	0.21	ug/m3			02/25/21 16:27	1
cis-1,2-Dichloroethene	**6.6**		0.20	0.18	ug/m3			02/25/21 16:27	1
Chloroform	**0.61**	**J**	0.98	0.16	ug/m3			02/25/21 16:27	1
1,1,1-Trichloroethane	**4.3**		1.1	0.20	ug/m3			02/25/21 16:27	1
Cyclohexane	ND		0.69	0.16	ug/m3			02/25/21 16:27	1
Carbon tetrachloride	**0.39**		0.22	0.15	ug/m3			02/25/21 16:27	1
Benzene	**0.38**	**J**	0.64	0.21	ug/m3			02/25/21 16:27	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/25/21 16:27	1
Trichloroethene	**230**	**E**	0.20	0.19	ug/m3			02/25/21 16:27	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/25/21 16:27	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/25/21 16:27	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/25/21 16:27	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/25/21 16:27	1
Toluene	**0.72**	**J**	0.75	0.41	ug/m3			02/25/21 16:27	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/25/21 16:27	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 16:27	1
Tetrachloroethene	**0.91**	**J**	1.4	0.22	ug/m3			02/25/21 16:27	1
Methyl Butyl Ketone (2-Hexanone)	**0.37**	**J**	2.0	0.20	ug/m3			02/25/21 16:27	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/25/21 16:27	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/25/21 16:27	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/25/21 16:27	1
Ethylbenzene	**1.4**		0.87	0.27	ug/m3			02/25/21 16:27	1
m,p-Xylene	**7.0**		2.2	0.43	ug/m3			02/25/21 16:27	1
o-Xylene	**1.4**		0.87	0.21	ug/m3			02/25/21 16:27	1
Xylene (total)	**8.4**		3.0	0.21	ug/m3			02/25/21 16:27	1
Styrene	ND		0.85	0.17	ug/m3			02/25/21 16:27	1
Bromoform	ND		2.1	0.50	ug/m3			02/25/21 16:27	1
Isopropylbenzene (cumene)	ND		0.98	0.17	ug/m3			02/25/21 16:27	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/25/21 16:27	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/25/21 16:27	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/25/21 16:27	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/25/21 16:27	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/25/21 16:27	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: W25-SV-021821-0840
Date Collected: 02/18/21 16:00
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-19
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.68**		0.50	0.11	ppb v/v			02/25/21 16:27	1
Chloromethane	**0.31**	**J**	0.50	0.11	ppb v/v			02/25/21 16:27	1
Vinyl chloride	**0.46**		0.078	0.044	ppb v/v			02/25/21 16:27	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/25/21 16:27	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/25/21 16:27	1
Trichlorofluoromethane	**0.25**		0.20	0.060	ppb v/v			02/25/21 16:27	1
1,1,2-Trichlorotrifluoroethane	**0.082**	**J**	0.20	0.038	ppb v/v			02/25/21 16:27	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/25/21 16:27	1
Acetone	**5.8**		5.0	1.2	ppb v/v			02/25/21 16:27	1
Carbon disulfide	**0.16**	**J**	0.50	0.074	ppb v/v			02/25/21 16:27	1
Methylene Chloride	**1.2**		0.50	0.27	ppb v/v			02/25/21 16:27	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/25/21 16:27	1
trans-1,2-Dichloroethene	**0.079**	**J**	0.20	0.042	ppb v/v			02/25/21 16:27	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/25/21 16:27	1
Methyl Ethyl Ketone (2-Butanone)	**0.31**	**J**	0.50	0.072	ppb v/v			02/25/21 16:27	1
cis-1,2-Dichloroethene	**1.7**		0.050	0.045	ppb v/v			02/25/21 16:27	1
Chloroform	**0.12**	**J**	0.20	0.032	ppb v/v			02/25/21 16:27	1
1,1,1-Trichloroethane	**0.79**		0.20	0.036	ppb v/v			02/25/21 16:27	1
Cyclohexane	ND		0.20	0.046	ppb v/v			02/25/21 16:27	1
Carbon tetrachloride	**0.062**		0.035	0.024	ppb v/v			02/25/21 16:27	1
Benzene	**0.12**	**J**	0.20	0.067	ppb v/v			02/25/21 16:27	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/25/21 16:27	1
Trichloroethene	**44**	**E**	0.037	0.035	ppb v/v			02/25/21 16:27	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/25/21 16:27	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/25/21 16:27	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/25/21 16:27	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/25/21 16:27	1
Toluene	**0.19**	**J**	0.20	0.11	ppb v/v			02/25/21 16:27	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/25/21 16:27	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 16:27	1
Tetrachloroethene	**0.13**	**J**	0.20	0.033	ppb v/v			02/25/21 16:27	1
Methyl Butyl Ketone (2-Hexanone)	**0.089**	**J**	0.50	0.048	ppb v/v			02/25/21 16:27	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/25/21 16:27	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/25/21 16:27	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/25/21 16:27	1
Ethylbenzene	**0.31**		0.20	0.063	ppb v/v			02/25/21 16:27	1
m,p-Xylene	**1.6**		0.50	0.10	ppb v/v			02/25/21 16:27	1
o-Xylene	**0.33**		0.20	0.048	ppb v/v			02/25/21 16:27	1
Xylene (total)	**1.9**		0.70	0.048	ppb v/v			02/25/21 16:27	1
Styrene	ND		0.20	0.040	ppb v/v			02/25/21 16:27	1
Bromoform	ND		0.20	0.048	ppb v/v			02/25/21 16:27	1
Isopropylbenzene (cumene)	ND		0.20	0.035	ppb v/v			02/25/21 16:27	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/25/21 16:27	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/25/21 16:27	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/25/21 16:27	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/25/21 16:27	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/25/21 16:27	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: W25-SV-021821-0840
Date Collected: 02/18/21 16:00
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-19
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.9**	**J**	4.9	1.1	ug/m3			02/25/21 01:13	2
Chloromethane	ND		2.1	0.45	ug/m3			02/25/21 01:13	2
Vinyl chloride	**2.1**		0.40	0.22	ug/m3			02/25/21 01:13	2
Bromomethane	ND		1.6	0.40	ug/m3			02/25/21 01:13	2
Chloroethane	ND		2.6	0.28	ug/m3			02/25/21 01:13	2
Trichlorofluoromethane	**1.5**	**J**	2.2	0.67	ug/m3			02/25/21 01:13	2
1,1,2-Trichlorotrifluoroethane	**0.61**	**J**	3.1	0.58	ug/m3			02/25/21 01:13	2
1,1-Dichloroethene	ND		0.40	0.31	ug/m3			02/25/21 01:13	2
Acetone	**6.4**	**J**	24	5.7	ug/m3			02/25/21 01:13	2
Carbon disulfide	**0.83**	**J**	3.1	0.46	ug/m3			02/25/21 01:13	2
Methylene Chloride	ND		3.5	1.9	ug/m3			02/25/21 01:13	2
Methyl tert-butyl ether	ND		1.4	0.24	ug/m3			02/25/21 01:13	2
trans-1,2-Dichloroethene	**0.46**	**J**	1.6	0.33	ug/m3			02/25/21 01:13	2
1,1-Dichloroethane	ND		1.6	0.33	ug/m3			02/25/21 01:13	2
Methyl Ethyl Ketone (2-Butanone)	**1.1**	**J**	2.9	0.42	ug/m3			02/25/21 01:13	2
cis-1,2-Dichloroethene	**11**		0.40	0.36	ug/m3			02/25/21 01:13	2
Chloroform	**0.96**	**J**	2.0	0.31	ug/m3			02/25/21 01:13	2
1,1,1-Trichloroethane	**6.9**		2.2	0.39	ug/m3			02/25/21 01:13	2
Cyclohexane	ND		1.4	0.32	ug/m3			02/25/21 01:13	2
Carbon tetrachloride	**0.35**	**J**	0.44	0.30	ug/m3			02/25/21 01:13	2
Benzene	ND		1.3	0.43	ug/m3			02/25/21 01:13	2
1,2-Dichloroethane	ND		1.6	0.26	ug/m3			02/25/21 01:13	2
Trichloroethene	**380**		0.40	0.38	ug/m3			02/25/21 01:13	2
1,2-Dichloropropane	ND		1.8	0.31	ug/m3			02/25/21 01:13	2
Bromodichloromethane	ND		2.7	0.47	ug/m3			02/25/21 01:13	2
cis-1,3-Dichloropropene	ND		1.8	0.29	ug/m3			02/25/21 01:13	2
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		4.1	0.29	ug/m3			02/25/21 01:13	2
Toluene	**1.0**	**J *3**	1.5	0.83	ug/m3			02/25/21 01:13	2
trans-1,3-Dichloropropene	ND		1.8	0.35	ug/m3			02/25/21 01:13	2
1,1,2-Trichloroethane	ND	*3	2.2	0.39	ug/m3			02/25/21 01:13	2
Tetrachloroethene	**1.4**	**J *3**	2.7	0.45	ug/m3			02/25/21 01:13	2
Methyl Butyl Ketone (2-Hexanone)	ND	*3	4.1	0.39	ug/m3			02/25/21 01:13	2
Dibromochloromethane	ND	*3	3.4	0.61	ug/m3			02/25/21 01:13	2
1,2-Dibromoethane	ND	*3	3.1	0.75	ug/m3			02/25/21 01:13	2
Chlorobenzene	ND	*3	1.8	0.52	ug/m3			02/25/21 01:13	2
Ethylbenzene	**2.1**	***3**	1.7	0.55	ug/m3			02/25/21 01:13	2
m,p-Xylene	**11**	***3**	4.3	0.87	ug/m3			02/25/21 01:13	2
o-Xylene	**2.2**	***3**	1.7	0.42	ug/m3			02/25/21 01:13	2
Xylene (total)	**13**	***3**	6.1	0.42	ug/m3			02/25/21 01:13	2
Styrene	ND	*3	1.7	0.34	ug/m3			02/25/21 01:13	2
Bromoform	ND	*3	4.1	0.99	ug/m3			02/25/21 01:13	2
Isopropylbenzene (cumene)	ND	*3	2.0	0.34	ug/m3			02/25/21 01:13	2
1,1,2,2-Tetrachloroethane	ND	*3	2.7	0.58	ug/m3			02/25/21 01:13	2
1,3-Dichlorobenzene	ND	*3	2.4	1.3	ug/m3			02/25/21 01:13	2
1,4-Dichlorobenzene	ND	*3	2.4	1.4	ug/m3			02/25/21 01:13	2
1,2-Dichlorobenzene	ND	*3	2.4	1.2	ug/m3			02/25/21 01:13	2
1,2,4-Trichlorobenzene	ND	*3	7.4	3.3	ug/m3			02/25/21 01:13	2

Client Sample Results

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: W25-SV-021821-0840

Lab Sample ID: 200-57323-19

Date Collected: 02/18/21 16:00
Matrix: Air
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.59**	**J**	1.0	0.22	ppb v/v			02/25/21 01:13	2
Chloromethane	ND		1.0	0.22	ppb v/v			02/25/21 01:13	2
Vinyl chloride	**0.82**		0.16	0.088	ppb v/v			02/25/21 01:13	2
Bromomethane	ND		0.40	0.10	ppb v/v			02/25/21 01:13	2
Chloroethane	ND		1.0	0.11	ppb v/v			02/25/21 01:13	2
Trichlorofluoromethane	**0.27**	**J**	0.40	0.12	ppb v/v			02/25/21 01:13	2
1,1,2-Trichlorotrifluoroethane	**0.080**	**J**	0.40	0.076	ppb v/v			02/25/21 01:13	2
1,1-Dichloroethene	ND		0.10	0.078	ppb v/v			02/25/21 01:13	2
Acetone	**2.7**	**J**	10	2.4	ppb v/v			02/25/21 01:13	2
Carbon disulfide	**0.27**	**J**	1.0	0.15	ppb v/v			02/25/21 01:13	2
Methylene Chloride	ND		1.0	0.54	ppb v/v			02/25/21 01:13	2
Methyl tert-butyl ether	ND		0.40	0.066	ppb v/v			02/25/21 01:13	2
trans-1,2-Dichloroethene	**0.12**	**J**	0.40	0.084	ppb v/v			02/25/21 01:13	2
1,1-Dichloroethane	ND		0.40	0.082	ppb v/v			02/25/21 01:13	2
Methyl Ethyl Ketone (2-Butanone)	**0.36**	**J**	1.0	0.14	ppb v/v			02/25/21 01:13	2
cis-1,2-Dichloroethene	**2.8**		0.10	0.090	ppb v/v			02/25/21 01:13	2
Chloroform	**0.20**	**J**	0.40	0.064	ppb v/v			02/25/21 01:13	2
1,1,1-Trichloroethane	**1.3**		0.40	0.072	ppb v/v			02/25/21 01:13	2
Cyclohexane	ND		0.40	0.092	ppb v/v			02/25/21 01:13	2
Carbon tetrachloride	**0.056**	**J**	0.070	0.048	ppb v/v			02/25/21 01:13	2
Benzene	ND		0.40	0.13	ppb v/v			02/25/21 01:13	2
1,2-Dichloroethane	ND		0.40	0.064	ppb v/v			02/25/21 01:13	2
Trichloroethene	**72**		0.074	0.070	ppb v/v			02/25/21 01:13	2
1,2-Dichloropropane	ND		0.40	0.066	ppb v/v			02/25/21 01:13	2
Bromodichloromethane	ND		0.40	0.070	ppb v/v			02/25/21 01:13	2
cis-1,3-Dichloropropene	ND		0.40	0.064	ppb v/v			02/25/21 01:13	2
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		1.0	0.072	ppb v/v			02/25/21 01:13	2
Toluene	**0.28**	**J *3**	0.40	0.22	ppb v/v			02/25/21 01:13	2
trans-1,3-Dichloropropene	ND		0.40	0.078	ppb v/v			02/25/21 01:13	2
1,1,2-Trichloroethane	ND	*3	0.40	0.072	ppb v/v			02/25/21 01:13	2
Tetrachloroethene	**0.21**	**J *3**	0.40	0.066	ppb v/v			02/25/21 01:13	2
Methyl Butyl Ketone (2-Hexanone)	ND	*3	1.0	0.096	ppb v/v			02/25/21 01:13	2
Dibromochloromethane	ND	*3	0.40	0.072	ppb v/v			02/25/21 01:13	2
1,2-Dibromoethane	ND	*3	0.40	0.098	ppb v/v			02/25/21 01:13	2
Chlorobenzene	ND	*3	0.40	0.11	ppb v/v			02/25/21 01:13	2
Ethylbenzene	**0.49**	***3**	0.40	0.13	ppb v/v			02/25/21 01:13	2
m,p-Xylene	**2.5**	***3**	1.0	0.20	ppb v/v			02/25/21 01:13	2
o-Xylene	**0.51**	***3**	0.40	0.096	ppb v/v			02/25/21 01:13	2
Xylene (total)	**3.0**	***3**	1.4	0.096	ppb v/v			02/25/21 01:13	2
Styrene	ND	*3	0.40	0.080	ppb v/v			02/25/21 01:13	2
Bromoform	ND	*3	0.40	0.096	ppb v/v			02/25/21 01:13	2
Isopropylbenzene (cumene)	ND	*3	0.40	0.070	ppb v/v			02/25/21 01:13	2
1,1,2,2-Tetrachloroethane	ND	*3	0.40	0.084	ppb v/v			02/25/21 01:13	2
1,3-Dichlorobenzene	ND	*3	0.40	0.22	ppb v/v			02/25/21 01:13	2
1,4-Dichlorobenzene	ND	*3	0.40	0.24	ppb v/v			02/25/21 01:13	2
1,2-Dichlorobenzene	ND	*3	0.40	0.19	ppb v/v			02/25/21 01:13	2
1,2,4-Trichlorobenzene	ND	*3	1.0	0.44	ppb v/v			02/25/21 01:13	2

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: W25-IA-021821-0840
Date Collected: 02/18/21 15:45
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-20
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**3.0**		2.5	0.54	ug/m3			02/26/21 03:53	1
Chloromethane	**1.6**		1.0	0.23	ug/m3			02/26/21 03:53	1
Vinyl chloride	**0.66**		0.20	0.11	ug/m3			02/26/21 03:53	1
Bromomethane	ND		0.78	0.20	ug/m3			02/26/21 03:53	1
Chloroethane	ND		1.3	0.14	ug/m3			02/26/21 03:53	1
Trichlorofluoromethane	**1.7**		1.1	0.34	ug/m3			02/26/21 03:53	1
1,1,2-Trichlorotrifluoroethane	**0.71**	**J**	1.5	0.29	ug/m3			02/26/21 03:53	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/26/21 03:53	1
Acetone	**13**		12	2.9	ug/m3			02/26/21 03:53	1
Carbon disulfide	**0.82**	**J**	1.6	0.23	ug/m3			02/26/21 03:53	1
Methylene Chloride	**1.2**	**J**	1.7	0.94	ug/m3			02/26/21 03:53	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/26/21 03:53	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/26/21 03:53	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/26/21 03:53	1
Methyl Ethyl Ketone (2-Butanone)	**2.0**		1.5	0.21	ug/m3			02/26/21 03:53	1
cis-1,2-Dichloroethene	**0.18**	**J**	0.20	0.18	ug/m3			02/26/21 03:53	1
Chloroform	**0.19**	**J**	0.98	0.16	ug/m3			02/26/21 03:53	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 03:53	1
Cyclohexane	**0.49**	**J**	0.69	0.16	ug/m3			02/26/21 03:53	1
Carbon tetrachloride	**0.48**		0.22	0.15	ug/m3			02/26/21 03:53	1
Benzene	**1.2**		0.64	0.21	ug/m3			02/26/21 03:53	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/26/21 03:53	1
Trichloroethene	**0.52**		0.20	0.19	ug/m3			02/26/21 03:53	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/26/21 03:53	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/26/21 03:53	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/26/21 03:53	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/26/21 03:53	1
Toluene	**3.0**		0.75	0.41	ug/m3			02/26/21 03:53	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/26/21 03:53	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 03:53	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/26/21 03:53	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/26/21 03:53	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/26/21 03:53	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/26/21 03:53	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/26/21 03:53	1
Ethylbenzene	**1.4**		0.87	0.27	ug/m3			02/26/21 03:53	1
m,p-Xylene	**5.3**		2.2	0.43	ug/m3			02/26/21 03:53	1
o-Xylene	**1.6**		0.87	0.21	ug/m3			02/26/21 03:53	1
Xylene (total)	**6.9**		3.0	0.21	ug/m3			02/26/21 03:53	1
Styrene	**0.25**	**J**	0.85	0.17	ug/m3			02/26/21 03:53	1
Bromoform	ND		2.1	0.50	ug/m3			02/26/21 03:53	1
Isopropylbenzene (cumene)	**0.24**	**J**	0.98	0.17	ug/m3			02/26/21 03:53	1
1,1,2,2-Tetrachloroethane	**0.51**	**J**	1.4	0.29	ug/m3			02/26/21 03:53	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/26/21 03:53	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/26/21 03:53	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/26/21 03:53	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/26/21 03:53	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: W25-IA-021821-0840
Date Collected: 02/18/21 15:45
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-20
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.60**		0.50	0.11	ppb v/v			02/26/21 03:53	1
Chloromethane	**0.76**		0.50	0.11	ppb v/v			02/26/21 03:53	1
Vinyl chloride	**0.26**		0.078	0.044	ppb v/v			02/26/21 03:53	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/26/21 03:53	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/26/21 03:53	1
Trichlorofluoromethane	**0.30**		0.20	0.060	ppb v/v			02/26/21 03:53	1
1,1,2-Trichlorotrifluoroethane	**0.092**	**J**	0.20	0.038	ppb v/v			02/26/21 03:53	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/26/21 03:53	1
Acetone	**5.5**		5.0	1.2	ppb v/v			02/26/21 03:53	1
Carbon disulfide	**0.26**	**J**	0.50	0.074	ppb v/v			02/26/21 03:53	1
Methylene Chloride	**0.36**	**J**	0.50	0.27	ppb v/v			02/26/21 03:53	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/26/21 03:53	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/26/21 03:53	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/26/21 03:53	1
Methyl Ethyl Ketone (2-Butanone)	**0.68**		0.50	0.072	ppb v/v			02/26/21 03:53	1
cis-1,2-Dichloroethene	**0.045**	**J**	0.050	0.045	ppb v/v			02/26/21 03:53	1
Chloroform	**0.040**	**J**	0.20	0.032	ppb v/v			02/26/21 03:53	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 03:53	1
Cyclohexane	**0.14**	**J**	0.20	0.046	ppb v/v			02/26/21 03:53	1
Carbon tetrachloride	**0.076**		0.035	0.024	ppb v/v			02/26/21 03:53	1
Benzene	**0.36**		0.20	0.067	ppb v/v			02/26/21 03:53	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/26/21 03:53	1
Trichloroethene	**0.096**		0.037	0.035	ppb v/v			02/26/21 03:53	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/26/21 03:53	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/26/21 03:53	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/26/21 03:53	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/26/21 03:53	1
Toluene	**0.81**		0.20	0.11	ppb v/v			02/26/21 03:53	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/26/21 03:53	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 03:53	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/26/21 03:53	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/26/21 03:53	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/26/21 03:53	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/26/21 03:53	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/26/21 03:53	1
Ethylbenzene	**0.31**		0.20	0.063	ppb v/v			02/26/21 03:53	1
m,p-Xylene	**1.2**		0.50	0.10	ppb v/v			02/26/21 03:53	1
o-Xylene	**0.37**		0.20	0.048	ppb v/v			02/26/21 03:53	1
Xylene (total)	**1.6**		0.70	0.048	ppb v/v			02/26/21 03:53	1
Styrene	**0.058**	**J**	0.20	0.040	ppb v/v			02/26/21 03:53	1
Bromoform	ND		0.20	0.048	ppb v/v			02/26/21 03:53	1
Isopropylbenzene (cumene)	**0.049**	**J**	0.20	0.035	ppb v/v			02/26/21 03:53	1
1,1,2,2-Tetrachloroethane	**0.074**	**J**	0.20	0.042	ppb v/v			02/26/21 03:53	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/26/21 03:53	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/26/21 03:53	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/26/21 03:53	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/26/21 03:53	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: G29-IA-021821-0925
Date Collected: 02/18/21 16:40
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-21
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.2**	**J**	2.5	0.54	ug/m3			02/26/21 04:46	1
Chloromethane	**1.3**		1.0	0.23	ug/m3			02/26/21 04:46	1
Vinyl chloride	**0.31**		0.20	0.11	ug/m3			02/26/21 04:46	1
Bromomethane	ND		0.78	0.20	ug/m3			02/26/21 04:46	1
Chloroethane	ND		1.3	0.14	ug/m3			02/26/21 04:46	1
Trichlorofluoromethane	**1.4**		1.1	0.34	ug/m3			02/26/21 04:46	1
1,1,2-Trichlorotrifluoroethane	**0.61**	**J**	1.5	0.29	ug/m3			02/26/21 04:46	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/26/21 04:46	1
Acetone	**13**		12	2.9	ug/m3			02/26/21 04:46	1
Carbon disulfide	**0.33**	**J**	1.6	0.23	ug/m3			02/26/21 04:46	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/26/21 04:46	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/26/21 04:46	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/26/21 04:46	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/26/21 04:46	1
Methyl Ethyl Ketone (2-Butanone)	**5.7**		1.5	0.21	ug/m3			02/26/21 04:46	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/26/21 04:46	1
Chloroform	ND		0.98	0.16	ug/m3			02/26/21 04:46	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 04:46	1
Cyclohexane	**0.89**		0.69	0.16	ug/m3			02/26/21 04:46	1
Carbon tetrachloride	**0.39**		0.22	0.15	ug/m3			02/26/21 04:46	1
Benzene	**2.6**		0.64	0.21	ug/m3			02/26/21 04:46	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/26/21 04:46	1
Trichloroethene	**0.48**		0.20	0.19	ug/m3			02/26/21 04:46	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/26/21 04:46	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/26/21 04:46	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/26/21 04:46	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.73**	**J**	2.0	0.15	ug/m3			02/26/21 04:46	1
Toluene	**1.5**		0.75	0.41	ug/m3			02/26/21 04:46	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/26/21 04:46	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 04:46	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/26/21 04:46	1
Methyl Butyl Ketone (2-Hexanone)	**1.1**	**J**	2.0	0.20	ug/m3			02/26/21 04:46	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/26/21 04:46	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/26/21 04:46	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/26/21 04:46	1
Ethylbenzene	**2.4**		0.87	0.27	ug/m3			02/26/21 04:46	1
m,p-Xylene	**21**		2.2	0.43	ug/m3			02/26/21 04:46	1
o-Xylene	**2.6**		0.87	0.21	ug/m3			02/26/21 04:46	1
Xylene (total)	**24**		3.0	0.21	ug/m3			02/26/21 04:46	1
Styrene	**0.20**	**J**	0.85	0.17	ug/m3			02/26/21 04:46	1
Bromoform	ND		2.1	0.50	ug/m3			02/26/21 04:46	1
Isopropylbenzene (cumene)	**0.50**	**J**	0.98	0.17	ug/m3			02/26/21 04:46	1
1,1,2,2-Tetrachloroethane	**0.31**	**J**	1.4	0.29	ug/m3			02/26/21 04:46	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/26/21 04:46	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/26/21 04:46	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/26/21 04:46	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/26/21 04:46	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: G29-IA-021821-0925
Date Collected: 02/18/21 16:40
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-21
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.44**	**J**	0.50	0.11	ppb v/v			02/26/21 04:46	1
Chloromethane	**0.62**		0.50	0.11	ppb v/v			02/26/21 04:46	1
Vinyl chloride	**0.12**		0.078	0.044	ppb v/v			02/26/21 04:46	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/26/21 04:46	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/26/21 04:46	1
Trichlorofluoromethane	**0.25**		0.20	0.060	ppb v/v			02/26/21 04:46	1
1,1,2-Trichlorotrifluoroethane	**0.080**	**J**	0.20	0.038	ppb v/v			02/26/21 04:46	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/26/21 04:46	1
Acetone	**5.5**		5.0	1.2	ppb v/v			02/26/21 04:46	1
Carbon disulfide	**0.11**	**J**	0.50	0.074	ppb v/v			02/26/21 04:46	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/26/21 04:46	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/26/21 04:46	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/26/21 04:46	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/26/21 04:46	1
Methyl Ethyl Ketone (2-Butanone)	**1.9**		0.50	0.072	ppb v/v			02/26/21 04:46	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/26/21 04:46	1
Chloroform	ND		0.20	0.032	ppb v/v			02/26/21 04:46	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 04:46	1
Cyclohexane	**0.26**		0.20	0.046	ppb v/v			02/26/21 04:46	1
Carbon tetrachloride	**0.062**		0.035	0.024	ppb v/v			02/26/21 04:46	1
Benzene	**0.81**		0.20	0.067	ppb v/v			02/26/21 04:46	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/26/21 04:46	1
Trichloroethene	**0.089**		0.037	0.035	ppb v/v			02/26/21 04:46	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/26/21 04:46	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/26/21 04:46	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/26/21 04:46	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.18**	**J**	0.50	0.036	ppb v/v			02/26/21 04:46	1
Toluene	**0.40**		0.20	0.11	ppb v/v			02/26/21 04:46	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/26/21 04:46	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 04:46	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/26/21 04:46	1
Methyl Butyl Ketone (2-Hexanone)	**0.28**	**J**	0.50	0.048	ppb v/v			02/26/21 04:46	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/26/21 04:46	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/26/21 04:46	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/26/21 04:46	1
Ethylbenzene	**0.55**		0.20	0.063	ppb v/v			02/26/21 04:46	1
m,p-Xylene	**4.8**		0.50	0.10	ppb v/v			02/26/21 04:46	1
o-Xylene	**0.59**		0.20	0.048	ppb v/v			02/26/21 04:46	1
Xylene (total)	**5.4**		0.70	0.048	ppb v/v			02/26/21 04:46	1
Styrene	**0.047**	**J**	0.20	0.040	ppb v/v			02/26/21 04:46	1
Bromoform	ND		0.20	0.048	ppb v/v			02/26/21 04:46	1
Isopropylbenzene (cumene)	**0.10**	**J**	0.20	0.035	ppb v/v			02/26/21 04:46	1
1,1,2,2-Tetrachloroethane	**0.045**	**J**	0.20	0.042	ppb v/v			02/26/21 04:46	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/26/21 04:46	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/26/21 04:46	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/26/21 04:46	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/26/21 04:46	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: G29-SV-021821-0925
Date Collected: 02/18/21 15:00
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-22
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.9**		2.5	0.54	ug/m3			02/26/21 05:39	1
Chloromethane	**1.2**		1.0	0.23	ug/m3			02/26/21 05:39	1
Vinyl chloride	**3.2**		0.20	0.11	ug/m3			02/26/21 05:39	1
Bromomethane	ND		0.78	0.20	ug/m3			02/26/21 05:39	1
Chloroethane	ND		1.3	0.14	ug/m3			02/26/21 05:39	1
Trichlorofluoromethane	**2.0**		1.1	0.34	ug/m3			02/26/21 05:39	1
1,1,2-Trichlorotrifluoroethane	**0.96**	**J**	1.5	0.29	ug/m3			02/26/21 05:39	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/26/21 05:39	1
Acetone	**29**		12	2.9	ug/m3			02/26/21 05:39	1
Carbon disulfide	**11**		1.6	0.23	ug/m3			02/26/21 05:39	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/26/21 05:39	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/26/21 05:39	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/26/21 05:39	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/26/21 05:39	1
Methyl Ethyl Ketone (2-Butanone)	**4.4**		1.5	0.21	ug/m3			02/26/21 05:39	1
cis-1,2-Dichloroethene	**0.80**		0.20	0.18	ug/m3			02/26/21 05:39	1
Chloroform	**0.67**	**J**	0.98	0.16	ug/m3			02/26/21 05:39	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 05:39	1
Cyclohexane	**0.85**		0.69	0.16	ug/m3			02/26/21 05:39	1
Carbon tetrachloride	**0.56**		0.22	0.15	ug/m3			02/26/21 05:39	1
Benzene	**1.5**		0.64	0.21	ug/m3			02/26/21 05:39	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/26/21 05:39	1
Trichloroethene	**5.9**		0.20	0.19	ug/m3			02/26/21 05:39	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/26/21 05:39	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/26/21 05:39	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/26/21 05:39	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.80**	**J**	2.0	0.15	ug/m3			02/26/21 05:39	1
Toluene	**3.3**		0.75	0.41	ug/m3			02/26/21 05:39	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/26/21 05:39	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 05:39	1
Tetrachloroethene	**1.4**		1.4	0.22	ug/m3			02/26/21 05:39	1
Methyl Butyl Ketone (2-Hexanone)	**0.79**	**J**	2.0	0.20	ug/m3			02/26/21 05:39	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/26/21 05:39	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/26/21 05:39	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/26/21 05:39	1
Ethylbenzene	**2.7**		0.87	0.27	ug/m3			02/26/21 05:39	1
m,p-Xylene	**13**		2.2	0.43	ug/m3			02/26/21 05:39	1
o-Xylene	**3.0**		0.87	0.21	ug/m3			02/26/21 05:39	1
Xylene (total)	**16**		3.0	0.21	ug/m3			02/26/21 05:39	1
Styrene	**0.28**	**J**	0.85	0.17	ug/m3			02/26/21 05:39	1
Bromoform	ND		2.1	0.50	ug/m3			02/26/21 05:39	1
Isopropylbenzene (cumene)	**0.24**	**J**	0.98	0.17	ug/m3			02/26/21 05:39	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/26/21 05:39	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/26/21 05:39	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/26/21 05:39	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/26/21 05:39	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/26/21 05:39	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: G29-SV-021821-0925
Date Collected: 02/18/21 15:00
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-22
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.59**		0.50	0.11	ppb v/v			02/26/21 05:39	1
Chloromethane	**0.60**		0.50	0.11	ppb v/v			02/26/21 05:39	1
Vinyl chloride	**1.2**		0.078	0.044	ppb v/v			02/26/21 05:39	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/26/21 05:39	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/26/21 05:39	1
Trichlorofluoromethane	**0.35**		0.20	0.060	ppb v/v			02/26/21 05:39	1
1,1,2-Trichlorotrifluoroethane	**0.12**	**J**	0.20	0.038	ppb v/v			02/26/21 05:39	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/26/21 05:39	1
Acetone	**12**		5.0	1.2	ppb v/v			02/26/21 05:39	1
Carbon disulfide	**3.5**		0.50	0.074	ppb v/v			02/26/21 05:39	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/26/21 05:39	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/26/21 05:39	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/26/21 05:39	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/26/21 05:39	1
Methyl Ethyl Ketone (2-Butanone)	**1.5**		0.50	0.072	ppb v/v			02/26/21 05:39	1
cis-1,2-Dichloroethene	**0.20**		0.050	0.045	ppb v/v			02/26/21 05:39	1
Chloroform	**0.14**	**J**	0.20	0.032	ppb v/v			02/26/21 05:39	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 05:39	1
Cyclohexane	**0.25**		0.20	0.046	ppb v/v			02/26/21 05:39	1
Carbon tetrachloride	**0.088**		0.035	0.024	ppb v/v			02/26/21 05:39	1
Benzene	**0.48**		0.20	0.067	ppb v/v			02/26/21 05:39	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/26/21 05:39	1
Trichloroethene	**1.1**		0.037	0.035	ppb v/v			02/26/21 05:39	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/26/21 05:39	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/26/21 05:39	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/26/21 05:39	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.20**	**J**	0.50	0.036	ppb v/v			02/26/21 05:39	1
Toluene	**0.88**		0.20	0.11	ppb v/v			02/26/21 05:39	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/26/21 05:39	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 05:39	1
Tetrachloroethene	**0.21**		0.20	0.033	ppb v/v			02/26/21 05:39	1
Methyl Butyl Ketone (2-Hexanone)	**0.19**	**J**	0.50	0.048	ppb v/v			02/26/21 05:39	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/26/21 05:39	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/26/21 05:39	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/26/21 05:39	1
Ethylbenzene	**0.63**		0.20	0.063	ppb v/v			02/26/21 05:39	1
m,p-Xylene	**3.1**		0.50	0.10	ppb v/v			02/26/21 05:39	1
o-Xylene	**0.70**		0.20	0.048	ppb v/v			02/26/21 05:39	1
Xylene (total)	**3.7**		0.70	0.048	ppb v/v			02/26/21 05:39	1
Styrene	**0.065**	**J**	0.20	0.040	ppb v/v			02/26/21 05:39	1
Bromoform	ND		0.20	0.048	ppb v/v			02/26/21 05:39	1
Isopropylbenzene (cumene)	**0.048**	**J**	0.20	0.035	ppb v/v			02/26/21 05:39	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/26/21 05:39	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/26/21 05:39	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/26/21 05:39	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/26/21 05:39	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/26/21 05:39	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: E17-IA-021821-0950
Date Collected: 02/18/21 17:15
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-23
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.3**	**J**	2.5	0.54	ug/m3			02/26/21 06:32	1
Chloromethane	**1.4**		1.0	0.23	ug/m3			02/26/21 06:32	1
Vinyl chloride	**0.36**		0.20	0.11	ug/m3			02/26/21 06:32	1
Bromomethane	ND		0.78	0.20	ug/m3			02/26/21 06:32	1
Chloroethane	ND		1.3	0.14	ug/m3			02/26/21 06:32	1
Trichlorofluoromethane	**1.4**		1.1	0.34	ug/m3			02/26/21 06:32	1
1,1,2-Trichlorotrifluoroethane	**0.65**	**J**	1.5	0.29	ug/m3			02/26/21 06:32	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/26/21 06:32	1
Acetone	**20**		12	2.9	ug/m3			02/26/21 06:32	1
Carbon disulfide	**0.52**	**J**	1.6	0.23	ug/m3			02/26/21 06:32	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/26/21 06:32	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/26/21 06:32	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/26/21 06:32	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/26/21 06:32	1
Methyl Ethyl Ketone (2-Butanone)	**3.3**		1.5	0.21	ug/m3			02/26/21 06:32	1
cis-1,2-Dichloroethene	**0.38**		0.20	0.18	ug/m3			02/26/21 06:32	1
Chloroform	ND		0.98	0.16	ug/m3			02/26/21 06:32	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 06:32	1
Cyclohexane	**0.90**		0.69	0.16	ug/m3			02/26/21 06:32	1
Carbon tetrachloride	**0.43**		0.22	0.15	ug/m3			02/26/21 06:32	1
Benzene	**1.1**		0.64	0.21	ug/m3			02/26/21 06:32	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/26/21 06:32	1
Trichloroethene	**0.93**		0.20	0.19	ug/m3			02/26/21 06:32	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/26/21 06:32	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/26/21 06:32	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/26/21 06:32	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/26/21 06:32	1
Toluene	**1.4**		0.75	0.41	ug/m3			02/26/21 06:32	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/26/21 06:32	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 06:32	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/26/21 06:32	1
Methyl Butyl Ketone (2-Hexanone)	**0.43**	**J**	2.0	0.20	ug/m3			02/26/21 06:32	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/26/21 06:32	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/26/21 06:32	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/26/21 06:32	1
Ethylbenzene	**0.32**	**J**	0.87	0.27	ug/m3			02/26/21 06:32	1
m,p-Xylene	**1.1**	**J**	2.2	0.43	ug/m3			02/26/21 06:32	1
o-Xylene	**0.36**	**J**	0.87	0.21	ug/m3			02/26/21 06:32	1
Xylene (total)	**1.5**	**J**	3.0	0.21	ug/m3			02/26/21 06:32	1
Styrene	ND		0.85	0.17	ug/m3			02/26/21 06:32	1
Bromoform	ND		2.1	0.50	ug/m3			02/26/21 06:32	1
Isopropylbenzene (cumene)	ND		0.98	0.17	ug/m3			02/26/21 06:32	1
1,1,2,2-Tetrachloroethane	**0.50**	**J**	1.4	0.29	ug/m3			02/26/21 06:32	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/26/21 06:32	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/26/21 06:32	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/26/21 06:32	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/26/21 06:32	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: E17-IA-021821-0950
Date Collected: 02/18/21 17:15
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-23
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.46**	**J**	0.50	0.11	ppb v/v			02/26/21 06:32	1
Chloromethane	**0.68**		0.50	0.11	ppb v/v			02/26/21 06:32	1
Vinyl chloride	**0.14**		0.078	0.044	ppb v/v			02/26/21 06:32	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/26/21 06:32	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/26/21 06:32	1
Trichlorofluoromethane	**0.26**		0.20	0.060	ppb v/v			02/26/21 06:32	1
1,1,2-Trichlorotrifluoroethane	**0.085**	**J**	0.20	0.038	ppb v/v			02/26/21 06:32	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/26/21 06:32	1
Acetone	**8.4**		5.0	1.2	ppb v/v			02/26/21 06:32	1
Carbon disulfide	**0.17**	**J**	0.50	0.074	ppb v/v			02/26/21 06:32	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/26/21 06:32	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/26/21 06:32	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/26/21 06:32	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/26/21 06:32	1
Methyl Ethyl Ketone (2-Butanone)	**1.1**		0.50	0.072	ppb v/v			02/26/21 06:32	1
cis-1,2-Dichloroethene	**0.097**		0.050	0.045	ppb v/v			02/26/21 06:32	1
Chloroform	ND		0.20	0.032	ppb v/v			02/26/21 06:32	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 06:32	1
Cyclohexane	**0.26**		0.20	0.046	ppb v/v			02/26/21 06:32	1
Carbon tetrachloride	**0.068**		0.035	0.024	ppb v/v			02/26/21 06:32	1
Benzene	**0.34**		0.20	0.067	ppb v/v			02/26/21 06:32	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/26/21 06:32	1
Trichloroethene	**0.17**		0.037	0.035	ppb v/v			02/26/21 06:32	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/26/21 06:32	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/26/21 06:32	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/26/21 06:32	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/26/21 06:32	1
Toluene	**0.36**		0.20	0.11	ppb v/v			02/26/21 06:32	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/26/21 06:32	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 06:32	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/26/21 06:32	1
Methyl Butyl Ketone (2-Hexanone)	**0.10**	**J**	0.50	0.048	ppb v/v			02/26/21 06:32	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/26/21 06:32	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/26/21 06:32	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/26/21 06:32	1
Ethylbenzene	**0.073**	**J**	0.20	0.063	ppb v/v			02/26/21 06:32	1
m,p-Xylene	**0.25**	**J**	0.50	0.10	ppb v/v			02/26/21 06:32	1
o-Xylene	**0.083**	**J**	0.20	0.048	ppb v/v			02/26/21 06:32	1
Xylene (total)	**0.34**	**J**	0.70	0.048	ppb v/v			02/26/21 06:32	1
Styrene	ND		0.20	0.040	ppb v/v			02/26/21 06:32	1
Bromoform	ND		0.20	0.048	ppb v/v			02/26/21 06:32	1
Isopropylbenzene (cumene)	ND		0.20	0.035	ppb v/v			02/26/21 06:32	1
1,1,2,2-Tetrachloroethane	**0.073**	**J**	0.20	0.042	ppb v/v			02/26/21 06:32	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/26/21 06:32	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/26/21 06:32	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/26/21 06:32	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/26/21 06:32	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: E17-SV-021821-0950
Lab Sample ID: 200-57323-24
Date Collected: 02/18/21 17:15
Matrix: Air
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.2**	**J**	2.5	0.54	ug/m3			02/26/21 07:25	1
Chloromethane	**0.58**	**J**	1.0	0.23	ug/m3			02/26/21 07:25	1
Vinyl chloride	**4.4**		0.20	0.11	ug/m3			02/26/21 07:25	1
Bromomethane	ND		0.78	0.20	ug/m3			02/26/21 07:25	1
Chloroethane	ND		1.3	0.14	ug/m3			02/26/21 07:25	1
Trichlorofluoromethane	**6.2**		1.1	0.34	ug/m3			02/26/21 07:25	1
1,1,2-Trichlorotrifluoroethane	**2.9**		1.5	0.29	ug/m3			02/26/21 07:25	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/26/21 07:25	1
Acetone	**18**		12	2.9	ug/m3			02/26/21 07:25	1
Carbon disulfide	**1.1**	**J**	1.6	0.23	ug/m3			02/26/21 07:25	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/26/21 07:25	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/26/21 07:25	1
trans-1,2-Dichloroethene	**2.4**		0.79	0.17	ug/m3			02/26/21 07:25	1
1,1-Dichloroethane	**0.36**	**J**	0.81	0.17	ug/m3			02/26/21 07:25	1
Methyl Ethyl Ketone (2-Butanone)	**2.6**		1.5	0.21	ug/m3			02/26/21 07:25	1
cis-1,2-Dichloroethene	**9.5**		0.20	0.18	ug/m3			02/26/21 07:25	1
Chloroform	**29**		0.98	0.16	ug/m3			02/26/21 07:25	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 07:25	1
Cyclohexane	**7.5**		0.69	0.16	ug/m3			02/26/21 07:25	1
Carbon tetrachloride	**1.3**		0.22	0.15	ug/m3			02/26/21 07:25	1
Benzene	**19**		0.64	0.21	ug/m3			02/26/21 07:25	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/26/21 07:25	1
Trichloroethene	**170**		0.20	0.19	ug/m3			02/26/21 07:25	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/26/21 07:25	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/26/21 07:25	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/26/21 07:25	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/26/21 07:25	1
Toluene	**24**		0.75	0.41	ug/m3			02/26/21 07:25	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/26/21 07:25	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 07:25	1
Tetrachloroethene	**77**		1.4	0.22	ug/m3			02/26/21 07:25	1
Methyl Butyl Ketone (2-Hexanone)	**0.31**	**J**	2.0	0.20	ug/m3			02/26/21 07:25	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/26/21 07:25	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/26/21 07:25	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/26/21 07:25	1
Ethylbenzene	**2.5**		0.87	0.27	ug/m3			02/26/21 07:25	1
m,p-Xylene	**20**		2.2	0.43	ug/m3			02/26/21 07:25	1
o-Xylene	**4.7**		0.87	0.21	ug/m3			02/26/21 07:25	1
Xylene (total)	**25**		3.0	0.21	ug/m3			02/26/21 07:25	1
Styrene	**0.56**	**J**	0.85	0.17	ug/m3			02/26/21 07:25	1
Bromoform	ND		2.1	0.50	ug/m3			02/26/21 07:25	1
Isopropylbenzene (cumene)	**0.54**	**J**	0.98	0.17	ug/m3			02/26/21 07:25	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/26/21 07:25	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/26/21 07:25	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/26/21 07:25	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/26/21 07:25	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/26/21 07:25	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: E17-SV-021821-0950
Date Collected: 02/18/21 17:15
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-24
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.45**	**J**	0.50	0.11	ppb v/v			02/26/21 07:25	1
Chloromethane	**0.28**	**J**	0.50	0.11	ppb v/v			02/26/21 07:25	1
Vinyl chloride	**1.7**		0.078	0.044	ppb v/v			02/26/21 07:25	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/26/21 07:25	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/26/21 07:25	1
Trichlorofluoromethane	**1.1**		0.20	0.060	ppb v/v			02/26/21 07:25	1
1,1,2-Trichlorotrifluoroethane	**0.37**		0.20	0.038	ppb v/v			02/26/21 07:25	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/26/21 07:25	1
Acetone	**7.7**		5.0	1.2	ppb v/v			02/26/21 07:25	1
Carbon disulfide	**0.35**	**J**	0.50	0.074	ppb v/v			02/26/21 07:25	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/26/21 07:25	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/26/21 07:25	1
trans-1,2-Dichloroethene	**0.62**		0.20	0.042	ppb v/v			02/26/21 07:25	1
1,1-Dichloroethane	**0.089**	**J**	0.20	0.041	ppb v/v			02/26/21 07:25	1
Methyl Ethyl Ketone (2-Butanone)	**0.88**		0.50	0.072	ppb v/v			02/26/21 07:25	1
cis-1,2-Dichloroethene	**2.4**		0.050	0.045	ppb v/v			02/26/21 07:25	1
Chloroform	**6.0**		0.20	0.032	ppb v/v			02/26/21 07:25	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 07:25	1
Cyclohexane	**2.2**		0.20	0.046	ppb v/v			02/26/21 07:25	1
Carbon tetrachloride	**0.21**		0.035	0.024	ppb v/v			02/26/21 07:25	1
Benzene	**6.1**		0.20	0.067	ppb v/v			02/26/21 07:25	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/26/21 07:25	1
Trichloroethene	**31**		0.037	0.035	ppb v/v			02/26/21 07:25	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/26/21 07:25	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/26/21 07:25	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/26/21 07:25	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/26/21 07:25	1
Toluene	**6.5**		0.20	0.11	ppb v/v			02/26/21 07:25	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/26/21 07:25	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 07:25	1
Tetrachloroethene	**11**		0.20	0.033	ppb v/v			02/26/21 07:25	1
Methyl Butyl Ketone (2-Hexanone)	**0.075**	**J**	0.50	0.048	ppb v/v			02/26/21 07:25	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/26/21 07:25	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/26/21 07:25	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/26/21 07:25	1
Ethylbenzene	**0.57**		0.20	0.063	ppb v/v			02/26/21 07:25	1
m,p-Xylene	**4.6**		0.50	0.10	ppb v/v			02/26/21 07:25	1
o-Xylene	**1.1**		0.20	0.048	ppb v/v			02/26/21 07:25	1
Xylene (total)	**5.7**		0.70	0.048	ppb v/v			02/26/21 07:25	1
Styrene	**0.13**	**J**	0.20	0.040	ppb v/v			02/26/21 07:25	1
Bromoform	ND		0.20	0.048	ppb v/v			02/26/21 07:25	1
Isopropylbenzene (cumene)	**0.11**	**J**	0.20	0.035	ppb v/v			02/26/21 07:25	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/26/21 07:25	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/26/21 07:25	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/26/21 07:25	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/26/21 07:25	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/26/21 07:25	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: G3-IA-021821-1100
Date Collected: 02/18/21 17:30
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-25
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.3**	**J**	2.5	0.54	ug/m3			02/26/21 08:18	1
Chloromethane	**1.4**		1.0	0.23	ug/m3			02/26/21 08:18	1
Vinyl chloride	**0.35**		0.20	0.11	ug/m3			02/26/21 08:18	1
Bromomethane	ND		0.78	0.20	ug/m3			02/26/21 08:18	1
Chloroethane	ND		1.3	0.14	ug/m3			02/26/21 08:18	1
Trichlorofluoromethane	**1.4**		1.1	0.34	ug/m3			02/26/21 08:18	1
1,1,2-Trichlorotrifluoroethane	**0.62**	**J**	1.5	0.29	ug/m3			02/26/21 08:18	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/26/21 08:18	1
Acetone	**12**		12	2.9	ug/m3			02/26/21 08:18	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/26/21 08:18	1
Methylene Chloride	**1.5**	**J**	1.7	0.94	ug/m3			02/26/21 08:18	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/26/21 08:18	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/26/21 08:18	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/26/21 08:18	1
Methyl Ethyl Ketone (2-Butanone)	**2.5**		1.5	0.21	ug/m3			02/26/21 08:18	1
cis-1,2-Dichloroethene	**0.19**	**J**	0.20	0.18	ug/m3			02/26/21 08:18	1
Chloroform	**0.16**	**J**	0.98	0.16	ug/m3			02/26/21 08:18	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 08:18	1
Cyclohexane	**0.74**		0.69	0.16	ug/m3			02/26/21 08:18	1
Carbon tetrachloride	**0.42**		0.22	0.15	ug/m3			02/26/21 08:18	1
Benzene	**0.94**		0.64	0.21	ug/m3			02/26/21 08:18	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/26/21 08:18	1
Trichloroethene	**0.47**		0.20	0.19	ug/m3			02/26/21 08:18	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/26/21 08:18	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/26/21 08:18	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/26/21 08:18	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/26/21 08:18	1
Toluene	**1.3**		0.75	0.41	ug/m3			02/26/21 08:18	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/26/21 08:18	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 08:18	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/26/21 08:18	1
Methyl Butyl Ketone (2-Hexanone)	**0.29**	**J**	2.0	0.20	ug/m3			02/26/21 08:18	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/26/21 08:18	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/26/21 08:18	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/26/21 08:18	1
Ethylbenzene	**0.48**	**J**	0.87	0.27	ug/m3			02/26/21 08:18	1
m,p-Xylene	**1.4**	**J**	2.2	0.43	ug/m3			02/26/21 08:18	1
o-Xylene	**0.46**	**J**	0.87	0.21	ug/m3			02/26/21 08:18	1
Xylene (total)	**1.9**	**J**	3.0	0.21	ug/m3			02/26/21 08:18	1
Styrene	**0.27**	**J**	0.85	0.17	ug/m3			02/26/21 08:18	1
Bromoform	ND		2.1	0.50	ug/m3			02/26/21 08:18	1
Isopropylbenzene (cumene)	ND		0.98	0.17	ug/m3			02/26/21 08:18	1
1,1,2,2-Tetrachloroethane	**0.44**	**J**	1.4	0.29	ug/m3			02/26/21 08:18	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/26/21 08:18	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/26/21 08:18	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/26/21 08:18	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/26/21 08:18	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: G3-IA-021821-1100
Date Collected: 02/18/21 17:30
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-25
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.46**	**J**	0.50	0.11	ppb v/v			02/26/21 08:18	1
Chloromethane	**0.67**		0.50	0.11	ppb v/v			02/26/21 08:18	1
Vinyl chloride	**0.14**		0.078	0.044	ppb v/v			02/26/21 08:18	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/26/21 08:18	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/26/21 08:18	1
Trichlorofluoromethane	**0.25**		0.20	0.060	ppb v/v			02/26/21 08:18	1
1,1,2-Trichlorotrifluoroethane	**0.081**	**J**	0.20	0.038	ppb v/v			02/26/21 08:18	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/26/21 08:18	1
Acetone	**4.9**		5.0	1.2	ppb v/v			02/26/21 08:18	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/26/21 08:18	1
Methylene Chloride	**0.44**	**J**	0.50	0.27	ppb v/v			02/26/21 08:18	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/26/21 08:18	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/26/21 08:18	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/26/21 08:18	1
Methyl Ethyl Ketone (2-Butanone)	**0.84**		0.50	0.072	ppb v/v			02/26/21 08:18	1
cis-1,2-Dichloroethene	**0.048**	**J**	0.050	0.045	ppb v/v			02/26/21 08:18	1
Chloroform	**0.033**	**J**	0.20	0.032	ppb v/v			02/26/21 08:18	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 08:18	1
Cyclohexane	**0.22**		0.20	0.046	ppb v/v			02/26/21 08:18	1
Carbon tetrachloride	**0.067**		0.035	0.024	ppb v/v			02/26/21 08:18	1
Benzene	**0.29**		0.20	0.067	ppb v/v			02/26/21 08:18	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/26/21 08:18	1
Trichloroethene	**0.088**		0.037	0.035	ppb v/v			02/26/21 08:18	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/26/21 08:18	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/26/21 08:18	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/26/21 08:18	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/26/21 08:18	1
Toluene	**0.34**		0.20	0.11	ppb v/v			02/26/21 08:18	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/26/21 08:18	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 08:18	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/26/21 08:18	1
Methyl Butyl Ketone (2-Hexanone)	**0.072**	**J**	0.50	0.048	ppb v/v			02/26/21 08:18	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/26/21 08:18	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/26/21 08:18	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/26/21 08:18	1
Ethylbenzene	**0.11**	**J**	0.20	0.063	ppb v/v			02/26/21 08:18	1
m,p-Xylene	**0.31**	**J**	0.50	0.10	ppb v/v			02/26/21 08:18	1
o-Xylene	**0.11**	**J**	0.20	0.048	ppb v/v			02/26/21 08:18	1
Xylene (total)	**0.43**	**J**	0.70	0.048	ppb v/v			02/26/21 08:18	1
Styrene	**0.062**	**J**	0.20	0.040	ppb v/v			02/26/21 08:18	1
Bromoform	ND		0.20	0.048	ppb v/v			02/26/21 08:18	1
Isopropylbenzene (cumene)	ND		0.20	0.035	ppb v/v			02/26/21 08:18	1
1,1,2,2-Tetrachloroethane	**0.064**	**J**	0.20	0.042	ppb v/v			02/26/21 08:18	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/26/21 08:18	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/26/21 08:18	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/26/21 08:18	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/26/21 08:18	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: G3-SV-021821-1100
Date Collected: 02/18/21 17:30
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-26
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**3.2**		2.5	0.54	ug/m3			02/26/21 09:11	1
Chloromethane	**0.96**	**J**	1.0	0.23	ug/m3			02/26/21 09:11	1
Vinyl chloride	**0.59**		0.20	0.11	ug/m3			02/26/21 09:11	1
Bromomethane	ND		0.78	0.20	ug/m3			02/26/21 09:11	1
Chloroethane	**0.43**	**J**	1.3	0.14	ug/m3			02/26/21 09:11	1
Trichlorofluoromethane	**1.6**		1.1	0.34	ug/m3			02/26/21 09:11	1
1,1,2-Trichlorotrifluoroethane	**0.62**	**J**	1.5	0.29	ug/m3			02/26/21 09:11	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/26/21 09:11	1
Acetone	**22**		12	2.9	ug/m3			02/26/21 09:11	1
Carbon disulfide	**4.0**		1.6	0.23	ug/m3			02/26/21 09:11	1
Methylene Chloride	**3.8**		1.7	0.94	ug/m3			02/26/21 09:11	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/26/21 09:11	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/26/21 09:11	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/26/21 09:11	1
Methyl Ethyl Ketone (2-Butanone)	**5.0**		1.5	0.21	ug/m3			02/26/21 09:11	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/26/21 09:11	1
Chloroform	**6.7**		0.98	0.16	ug/m3			02/26/21 09:11	1
1,1,1-Trichloroethane	**0.50**	**J**	1.1	0.20	ug/m3			02/26/21 09:11	1
Cyclohexane	ND		0.69	0.16	ug/m3			02/26/21 09:11	1
Carbon tetrachloride	**0.37**		0.22	0.15	ug/m3			02/26/21 09:11	1
Benzene	**0.39**	**J**	0.64	0.21	ug/m3			02/26/21 09:11	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/26/21 09:11	1
Trichloroethene	**0.87**		0.20	0.19	ug/m3			02/26/21 09:11	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/26/21 09:11	1
Bromodichloromethane	**1.3**		1.3	0.23	ug/m3			02/26/21 09:11	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/26/21 09:11	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/26/21 09:11	1
Toluene	**2.1**		0.75	0.41	ug/m3			02/26/21 09:11	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/26/21 09:11	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 09:11	1
Tetrachloroethene	**0.65**	**J**	1.4	0.22	ug/m3			02/26/21 09:11	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/26/21 09:11	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/26/21 09:11	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/26/21 09:11	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/26/21 09:11	1
Ethylbenzene	**5.9**		0.87	0.27	ug/m3			02/26/21 09:11	1
m,p-Xylene	**22**		2.2	0.43	ug/m3			02/26/21 09:11	1
o-Xylene	**5.2**		0.87	0.21	ug/m3			02/26/21 09:11	1
Xylene (total)	**27**		3.0	0.21	ug/m3			02/26/21 09:11	1
Styrene	**0.34**	**J**	0.85	0.17	ug/m3			02/26/21 09:11	1
Bromoform	ND		2.1	0.50	ug/m3			02/26/21 09:11	1
Isopropylbenzene (cumene)	ND		0.98	0.17	ug/m3			02/26/21 09:11	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/26/21 09:11	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/26/21 09:11	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/26/21 09:11	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/26/21 09:11	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/26/21 09:11	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: G3-SV-021821-1100

Lab Sample ID: 200-57323-26

Date Collected: 02/18/21 17:30
Matrix: Air
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.64**		0.50	0.11	ppb v/v			02/26/21 09:11	1
Chloromethane	**0.46**	**J**	0.50	0.11	ppb v/v			02/26/21 09:11	1
Vinyl chloride	**0.23**		0.078	0.044	ppb v/v			02/26/21 09:11	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/26/21 09:11	1
Chloroethane	**0.16**	**J**	0.50	0.054	ppb v/v			02/26/21 09:11	1
Trichlorofluoromethane	**0.28**		0.20	0.060	ppb v/v			02/26/21 09:11	1
1,1,2-Trichlorotrifluoroethane	**0.081**	**J**	0.20	0.038	ppb v/v			02/26/21 09:11	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/26/21 09:11	1
Acetone	**9.1**		5.0	1.2	ppb v/v			02/26/21 09:11	1
Carbon disulfide	**1.3**		0.50	0.074	ppb v/v			02/26/21 09:11	1
Methylene Chloride	**1.1**		0.50	0.27	ppb v/v			02/26/21 09:11	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/26/21 09:11	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/26/21 09:11	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/26/21 09:11	1
Methyl Ethyl Ketone (2-Butanone)	**1.7**		0.50	0.072	ppb v/v			02/26/21 09:11	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/26/21 09:11	1
Chloroform	**1.4**		0.20	0.032	ppb v/v			02/26/21 09:11	1
1,1,1-Trichloroethane	**0.092**	**J**	0.20	0.036	ppb v/v			02/26/21 09:11	1
Cyclohexane	ND		0.20	0.046	ppb v/v			02/26/21 09:11	1
Carbon tetrachloride	**0.059**		0.035	0.024	ppb v/v			02/26/21 09:11	1
Benzene	**0.12**	**J**	0.20	0.067	ppb v/v			02/26/21 09:11	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/26/21 09:11	1
Trichloroethene	**0.16**		0.037	0.035	ppb v/v			02/26/21 09:11	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/26/21 09:11	1
Bromodichloromethane	**0.20**		0.20	0.035	ppb v/v			02/26/21 09:11	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/26/21 09:11	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/26/21 09:11	1
Toluene	**0.55**		0.20	0.11	ppb v/v			02/26/21 09:11	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/26/21 09:11	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 09:11	1
Tetrachloroethene	**0.096**	**J**	0.20	0.033	ppb v/v			02/26/21 09:11	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/26/21 09:11	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/26/21 09:11	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/26/21 09:11	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/26/21 09:11	1
Ethylbenzene	**1.4**		0.20	0.063	ppb v/v			02/26/21 09:11	1
m,p-Xylene	**5.1**		0.50	0.10	ppb v/v			02/26/21 09:11	1
o-Xylene	**1.2**		0.20	0.048	ppb v/v			02/26/21 09:11	1
Xylene (total)	**6.3**		0.70	0.048	ppb v/v			02/26/21 09:11	1
Styrene	**0.080**	**J**	0.20	0.040	ppb v/v			02/26/21 09:11	1
Bromoform	ND		0.20	0.048	ppb v/v			02/26/21 09:11	1
Isopropylbenzene (cumene)	ND		0.20	0.035	ppb v/v			02/26/21 09:11	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/26/21 09:11	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/26/21 09:11	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/26/21 09:11	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/26/21 09:11	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/26/21 09:11	1

Client Sample ID: J41-SV-021821-1112

Lab Sample ID: 200-57323-27

Date Collected: 02/18/21 18:12

Matrix: Air

Date Received: 02/23/21 11:00

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.8**		2.5	0.54	ug/m3			02/26/21 14:37	1
Chloromethane	**0.73**	**J**	1.0	0.23	ug/m3			02/26/21 14:37	1
Vinyl chloride	**1.4**		0.20	0.11	ug/m3			02/26/21 14:37	1
Bromomethane	ND		0.78	0.20	ug/m3			02/26/21 14:37	1
Chloroethane	ND		1.3	0.14	ug/m3			02/26/21 14:37	1
Trichlorofluoromethane	**1.6**		1.1	0.34	ug/m3			02/26/21 14:37	1
1,1,2-Trichlorotrifluoroethane	**1.6**		1.5	0.29	ug/m3			02/26/21 14:37	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/26/21 14:37	1
Acetone	**50**		12	2.9	ug/m3			02/26/21 14:37	1
Carbon disulfide	**0.47**	**J**	1.6	0.23	ug/m3			02/26/21 14:37	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/26/21 14:37	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/26/21 14:37	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/26/21 14:37	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/26/21 14:37	1
Methyl Ethyl Ketone (2-Butanone)	**9.3**		1.5	0.21	ug/m3			02/26/21 14:37	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/26/21 14:37	1
Chloroform	**0.52**	**J**	0.98	0.16	ug/m3			02/26/21 14:37	1
1,1,1-Trichloroethane	**1.9**		1.1	0.20	ug/m3			02/26/21 14:37	1
Cyclohexane	**0.78**		0.69	0.16	ug/m3			02/26/21 14:37	1
Carbon tetrachloride	**0.38**		0.22	0.15	ug/m3			02/26/21 14:37	1
Benzene	**0.79**		0.64	0.21	ug/m3			02/26/21 14:37	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/26/21 14:37	1
Trichloroethene	**24**		0.20	0.19	ug/m3			02/26/21 14:37	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/26/21 14:37	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/26/21 14:37	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/26/21 14:37	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**1.9**	**J**	2.0	0.15	ug/m3			02/26/21 14:37	1
Toluene	**3.5**		0.75	0.41	ug/m3			02/26/21 14:37	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/26/21 14:37	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 14:37	1
Tetrachloroethene	**36**		1.4	0.22	ug/m3			02/26/21 14:37	1
Methyl Butyl Ketone (2-Hexanone)	**8.5**		2.0	0.20	ug/m3			02/26/21 14:37	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/26/21 14:37	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/26/21 14:37	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/26/21 14:37	1
Ethylbenzene	**2.9**		0.87	0.27	ug/m3			02/26/21 14:37	1
m,p-Xylene	**14**		2.2	0.43	ug/m3			02/26/21 14:37	1
o-Xylene	**3.6**		0.87	0.21	ug/m3			02/26/21 14:37	1
Xylene (total)	**18**		3.0	0.21	ug/m3			02/26/21 14:37	1
Styrene	**0.36**	**J**	0.85	0.17	ug/m3			02/26/21 14:37	1
Bromoform	ND		2.1	0.50	ug/m3			02/26/21 14:37	1
Isopropylbenzene (cumene)	**0.26**	**J**	0.98	0.17	ug/m3			02/26/21 14:37	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/26/21 14:37	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/26/21 14:37	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/26/21 14:37	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/26/21 14:37	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/26/21 14:37	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: J41-SV-021821-1112
Date Collected: 02/18/21 18:12
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-27
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.58**		0.50	0.11	ppb v/v			02/26/21 14:37	1
Chloromethane	**0.35**	**J**	0.50	0.11	ppb v/v			02/26/21 14:37	1
Vinyl chloride	**0.55**		0.078	0.044	ppb v/v			02/26/21 14:37	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/26/21 14:37	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/26/21 14:37	1
Trichlorofluoromethane	**0.28**		0.20	0.060	ppb v/v			02/26/21 14:37	1
1,1,2-Trichlorotrifluoroethane	**0.20**		0.20	0.038	ppb v/v			02/26/21 14:37	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/26/21 14:37	1
Acetone	**21**		5.0	1.2	ppb v/v			02/26/21 14:37	1
Carbon disulfide	**0.15**	**J**	0.50	0.074	ppb v/v			02/26/21 14:37	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/26/21 14:37	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/26/21 14:37	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/26/21 14:37	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/26/21 14:37	1
Methyl Ethyl Ketone (2-Butanone)	**3.2**		0.50	0.072	ppb v/v			02/26/21 14:37	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/26/21 14:37	1
Chloroform	**0.11**	**J**	0.20	0.032	ppb v/v			02/26/21 14:37	1
1,1,1-Trichloroethane	**0.35**		0.20	0.036	ppb v/v			02/26/21 14:37	1
Cyclohexane	**0.23**		0.20	0.046	ppb v/v			02/26/21 14:37	1
Carbon tetrachloride	**0.061**		0.035	0.024	ppb v/v			02/26/21 14:37	1
Benzene	**0.25**		0.20	0.067	ppb v/v			02/26/21 14:37	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/26/21 14:37	1
Trichloroethene	**4.5**		0.037	0.035	ppb v/v			02/26/21 14:37	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/26/21 14:37	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/26/21 14:37	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/26/21 14:37	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.46**	**J**	0.50	0.036	ppb v/v			02/26/21 14:37	1
Toluene	**0.92**		0.20	0.11	ppb v/v			02/26/21 14:37	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/26/21 14:37	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 14:37	1
Tetrachloroethene	**5.3**		0.20	0.033	ppb v/v			02/26/21 14:37	1
Methyl Butyl Ketone (2-Hexanone)	**2.1**		0.50	0.048	ppb v/v			02/26/21 14:37	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/26/21 14:37	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/26/21 14:37	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/26/21 14:37	1
Ethylbenzene	**0.66**		0.20	0.063	ppb v/v			02/26/21 14:37	1
m,p-Xylene	**3.3**		0.50	0.10	ppb v/v			02/26/21 14:37	1
o-Xylene	**0.83**		0.20	0.048	ppb v/v			02/26/21 14:37	1
Xylene (total)	**4.1**		0.70	0.048	ppb v/v			02/26/21 14:37	1
Styrene	**0.084**	**J**	0.20	0.040	ppb v/v			02/26/21 14:37	1
Bromoform	ND		0.20	0.048	ppb v/v			02/26/21 14:37	1
Isopropylbenzene (cumene)	**0.054**	**J**	0.20	0.035	ppb v/v			02/26/21 14:37	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/26/21 14:37	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/26/21 14:37	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/26/21 14:37	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/26/21 14:37	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/26/21 14:37	1

Client Sample ID: J41-IA-021821-1112

Lab Sample ID: 200-57323-28

Date Collected: 02/18/21 16:50
Matrix: Air
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.6**		2.5	0.54	ug/m3			02/26/21 15:30	1
Chloromethane	**1.5**		1.0	0.23	ug/m3			02/26/21 15:30	1
Vinyl chloride	**0.53**		0.20	0.11	ug/m3			02/26/21 15:30	1
Bromomethane	ND		0.78	0.20	ug/m3			02/26/21 15:30	1
Chloroethane	ND		1.3	0.14	ug/m3			02/26/21 15:30	1
Trichlorofluoromethane	**1.7**		1.1	0.34	ug/m3			02/26/21 15:30	1
1,1,2-Trichlorotrifluoroethane	**0.67**	**J**	1.5	0.29	ug/m3			02/26/21 15:30	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/26/21 15:30	1
Acetone	**11**	**J**	12	2.9	ug/m3			02/26/21 15:30	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/26/21 15:30	1
Methylene Chloride	**1.0**	**J**	1.7	0.94	ug/m3			02/26/21 15:30	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/26/21 15:30	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/26/21 15:30	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/26/21 15:30	1
Methyl Ethyl Ketone (2-Butanone)	**1.3**	**J**	1.5	0.21	ug/m3			02/26/21 15:30	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/26/21 15:30	1
Chloroform	ND		0.98	0.16	ug/m3			02/26/21 15:30	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 15:30	1
Cyclohexane	ND		0.69	0.16	ug/m3			02/26/21 15:30	1
Carbon tetrachloride	**0.47**		0.22	0.15	ug/m3			02/26/21 15:30	1
Benzene	**0.82**		0.64	0.21	ug/m3			02/26/21 15:30	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/26/21 15:30	1
Trichloroethene	**0.42**		0.20	0.19	ug/m3			02/26/21 15:30	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/26/21 15:30	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/26/21 15:30	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/26/21 15:30	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/26/21 15:30	1
Toluene	**1.2**		0.75	0.41	ug/m3			02/26/21 15:30	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/26/21 15:30	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 15:30	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/26/21 15:30	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/26/21 15:30	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/26/21 15:30	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/26/21 15:30	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/26/21 15:30	1
Ethylbenzene	**0.28**	**J**	0.87	0.27	ug/m3			02/26/21 15:30	1
m,p-Xylene	**0.89**	**J**	2.2	0.43	ug/m3			02/26/21 15:30	1
o-Xylene	**0.37**	**J**	0.87	0.21	ug/m3			02/26/21 15:30	1
Xylene (total)	**1.3**	**J**	3.0	0.21	ug/m3			02/26/21 15:30	1
Styrene	ND		0.85	0.17	ug/m3			02/26/21 15:30	1
Bromoform	ND		2.1	0.50	ug/m3			02/26/21 15:30	1
Isopropylbenzene (cumene)	ND		0.98	0.17	ug/m3			02/26/21 15:30	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/26/21 15:30	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/26/21 15:30	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/26/21 15:30	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/26/21 15:30	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/26/21 15:30	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: J41-IA-021821-1112
Date Collected: 02/18/21 16:50
Date Received: 02/23/21 11:00
Sample Container: Summa Canister 6L

Lab Sample ID: 200-57323-28
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.54**		0.50	0.11	ppb v/v			02/26/21 15:30	1
Chloromethane	**0.73**		0.50	0.11	ppb v/v			02/26/21 15:30	1
Vinyl chloride	**0.21**		0.078	0.044	ppb v/v			02/26/21 15:30	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/26/21 15:30	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/26/21 15:30	1
Trichlorofluoromethane	**0.30**		0.20	0.060	ppb v/v			02/26/21 15:30	1
1,1,2-Trichlorotrifluoroethane	**0.088**	**J**	0.20	0.038	ppb v/v			02/26/21 15:30	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/26/21 15:30	1
Acetone	**4.7**	**J**	5.0	1.2	ppb v/v			02/26/21 15:30	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/26/21 15:30	1
Methylene Chloride	**0.29**	**J**	0.50	0.27	ppb v/v			02/26/21 15:30	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/26/21 15:30	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/26/21 15:30	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/26/21 15:30	1
Methyl Ethyl Ketone (2-Butanone)	**0.43**	**J**	0.50	0.072	ppb v/v			02/26/21 15:30	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/26/21 15:30	1
Chloroform	ND		0.20	0.032	ppb v/v			02/26/21 15:30	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 15:30	1
Cyclohexane	ND		0.20	0.046	ppb v/v			02/26/21 15:30	1
Carbon tetrachloride	**0.074**		0.035	0.024	ppb v/v			02/26/21 15:30	1
Benzene	**0.26**		0.20	0.067	ppb v/v			02/26/21 15:30	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/26/21 15:30	1
Trichloroethene	**0.079**		0.037	0.035	ppb v/v			02/26/21 15:30	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/26/21 15:30	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/26/21 15:30	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/26/21 15:30	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/26/21 15:30	1
Toluene	**0.31**		0.20	0.11	ppb v/v			02/26/21 15:30	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/26/21 15:30	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 15:30	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/26/21 15:30	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/26/21 15:30	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/26/21 15:30	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/26/21 15:30	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/26/21 15:30	1
Ethylbenzene	**0.064**	**J**	0.20	0.063	ppb v/v			02/26/21 15:30	1
m,p-Xylene	**0.20**	**J**	0.50	0.10	ppb v/v			02/26/21 15:30	1
o-Xylene	**0.086**	**J**	0.20	0.048	ppb v/v			02/26/21 15:30	1
Xylene (total)	**0.29**	**J**	0.70	0.048	ppb v/v			02/26/21 15:30	1
Styrene	ND		0.20	0.040	ppb v/v			02/26/21 15:30	1
Bromoform	ND		0.20	0.048	ppb v/v			02/26/21 15:30	1
Isopropylbenzene (cumene)	ND		0.20	0.035	ppb v/v			02/26/21 15:30	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/26/21 15:30	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/26/21 15:30	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/26/21 15:30	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/26/21 15:30	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/26/21 15:30	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 200-164231/4
Matrix: Air
Analysis Batch: 164231

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		2.5	0.54	ug/m3			02/24/21 10:12	1
Chloromethane	ND		1.0	0.23	ug/m3			02/24/21 10:12	1
Vinyl chloride	ND		0.20	0.11	ug/m3			02/24/21 10:12	1
Bromomethane	ND		0.78	0.20	ug/m3			02/24/21 10:12	1
Chloroethane	ND		1.3	0.14	ug/m3			02/24/21 10:12	1
Trichlorofluoromethane	ND		1.1	0.34	ug/m3			02/24/21 10:12	1
1,1,2-Trichlorotrifluoroethane	ND		1.5	0.29	ug/m3			02/24/21 10:12	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/24/21 10:12	1
Acetone	ND		12	2.9	ug/m3			02/24/21 10:12	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/24/21 10:12	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/24/21 10:12	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/24/21 10:12	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/24/21 10:12	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/24/21 10:12	1
Methyl Ethyl Ketone (2-Butanone)	ND		1.5	0.21	ug/m3			02/24/21 10:12	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/24/21 10:12	1
Chloroform	ND		0.98	0.16	ug/m3			02/24/21 10:12	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 10:12	1
Cyclohexane	ND		0.69	0.16	ug/m3			02/24/21 10:12	1
Carbon tetrachloride	ND		0.22	0.15	ug/m3			02/24/21 10:12	1
Benzene	ND		0.64	0.21	ug/m3			02/24/21 10:12	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/24/21 10:12	1
Trichloroethene	ND		0.20	0.19	ug/m3			02/24/21 10:12	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/24/21 10:12	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/24/21 10:12	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/24/21 10:12	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/24/21 10:12	1
Toluene	ND		0.75	0.41	ug/m3			02/24/21 10:12	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/24/21 10:12	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/24/21 10:12	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/24/21 10:12	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/24/21 10:12	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/24/21 10:12	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/24/21 10:12	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/24/21 10:12	1
Ethylbenzene	ND		0.87	0.27	ug/m3			02/24/21 10:12	1
m,p-Xylene	ND		2.2	0.43	ug/m3			02/24/21 10:12	1
o-Xylene	ND		0.87	0.21	ug/m3			02/24/21 10:12	1
Xylene (total)	ND		3.0	0.21	ug/m3			02/24/21 10:12	1
Styrene	ND		0.85	0.17	ug/m3			02/24/21 10:12	1
Bromoform	ND		2.1	0.50	ug/m3			02/24/21 10:12	1
Isopropylbenzene (cumene)	ND		0.98	0.17	ug/m3			02/24/21 10:12	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/24/21 10:12	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/24/21 10:12	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/24/21 10:12	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/24/21 10:12	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/24/21 10:12	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.11	ppb v/v			02/24/21 10:12	1
Chloromethane	ND		0.50	0.11	ppb v/v			02/24/21 10:12	1
Vinyl chloride	ND		0.078	0.044	ppb v/v			02/24/21 10:12	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/24/21 10:12	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/24/21 10:12	1
Trichlorofluoromethane	ND		0.20	0.060	ppb v/v			02/24/21 10:12	1
1,1,2-Trichlorotrifluoroethane	ND		0.20	0.038	ppb v/v			02/24/21 10:12	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/24/21 10:12	1
Acetone	ND		5.0	1.2	ppb v/v			02/24/21 10:12	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/24/21 10:12	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/24/21 10:12	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/24/21 10:12	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/24/21 10:12	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/24/21 10:12	1
Methyl Ethyl Ketone (2-Butanone)	ND		0.50	0.072	ppb v/v			02/24/21 10:12	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/24/21 10:12	1
Chloroform	ND		0.20	0.032	ppb v/v			02/24/21 10:12	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 10:12	1
Cyclohexane	ND		0.20	0.046	ppb v/v			02/24/21 10:12	1
Carbon tetrachloride	ND		0.035	0.024	ppb v/v			02/24/21 10:12	1
Benzene	ND		0.20	0.067	ppb v/v			02/24/21 10:12	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/24/21 10:12	1
Trichloroethene	ND		0.037	0.035	ppb v/v			02/24/21 10:12	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/24/21 10:12	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/24/21 10:12	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/24/21 10:12	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/24/21 10:12	1
Toluene	ND		0.20	0.11	ppb v/v			02/24/21 10:12	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/24/21 10:12	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/24/21 10:12	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/24/21 10:12	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/24/21 10:12	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/24/21 10:12	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/24/21 10:12	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/24/21 10:12	1
Ethylbenzene	ND		0.20	0.063	ppb v/v			02/24/21 10:12	1
m,p-Xylene	ND		0.50	0.10	ppb v/v			02/24/21 10:12	1
o-Xylene	ND		0.20	0.048	ppb v/v			02/24/21 10:12	1
Xylene (total)	ND		0.70	0.048	ppb v/v			02/24/21 10:12	1
Styrene	ND		0.20	0.040	ppb v/v			02/24/21 10:12	1
Bromoform	ND		0.20	0.048	ppb v/v			02/24/21 10:12	1
Isopropylbenzene (cumene)	ND		0.20	0.035	ppb v/v			02/24/21 10:12	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/24/21 10:12	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/24/21 10:12	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/24/21 10:12	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/24/21 10:12	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/24/21 10:12	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-164231/3
Matrix: Air
Analysis Batch: 164231

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	52.3	49.8		ug/m3		95	61 - 142
Chloromethane	20.5	22.0		ug/m3		107	56 - 141
Vinyl chloride	25.5	25.6		ug/m3		100	61 - 135
Bromomethane	40.4	43.2		ug/m3		107	72 - 124
Chloroethane	27.9	28.0		ug/m3		101	68 - 130
Trichlorofluoromethane	58.5	64.6		ug/m3		111	70 - 129
1,1,2-Trichlorotrifluoroethane	81.8	83.4		ug/m3		102	70 - 121
1,1-Dichloroethene	40.4	38.1		ug/m3		94	68 - 120
Acetone	24.8	23.9		ug/m3		96	54 - 154
Carbon disulfide	32.3	28.5		ug/m3		88	71 - 138
Methylene Chloride	35.6	32.3		ug/m3		91	59 - 137
Methyl tert-butyl ether	38.1	39.2		ug/m3		103	70 - 127
trans-1,2-Dichloroethene	40.9	41.6		ug/m3		102	69 - 137
1,1-Dichloroethane	41.6	37.9		ug/m3		91	66 - 130
Methyl Ethyl Ketone (2-Butanone)	30.5	29.6		ug/m3		97	72 - 124
cis-1,2-Dichloroethene	41.1	36.6		ug/m3		89	72 - 121
Chloroform	50.4	51.6		ug/m3		102	73 - 124
1,1,1-Trichloroethane	56.3	60.8		ug/m3		108	72 - 127
Cyclohexane	35.2	36.1		ug/m3		103	76 - 124
Carbon tetrachloride	63.2	66.9		ug/m3		106	71 - 133
Benzene	33.2	33.5		ug/m3		101	73 - 119
1,2-Dichloroethane	42.3	46.4		ug/m3		110	68 - 135
Trichloroethene	55.3	53.9		ug/m3		97	73 - 122
1,2-Dichloropropane	47.8	48.5		ug/m3		101	69 - 128
Bromodichloromethane	68.9	76.6		ug/m3		111	75 - 127
cis-1,3-Dichloropropene	45.1	50.3		ug/m3		112	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.7	42.1		ug/m3		101	58 - 144
Toluene	38.4	39.5		ug/m3		103	75 - 122
trans-1,3-Dichloropropene	44.7	49.2		ug/m3		110	74 - 128
1,1,2-Trichloroethane	57.2	58.7		ug/m3		103	75 - 126
Tetrachloroethene	71.0	68.7		ug/m3		97	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.4	41.4		ug/m3		100	57 - 143
Dibromochloromethane	90.3	86.9		ug/m3		96	73 - 125
1,2-Dibromoethane	81.9	86.6		ug/m3		106	78 - 122
Chlorobenzene	48.3	50.5		ug/m3		105	76 - 119
Ethylbenzene	44.4	46.5		ug/m3		105	74 - 122
m,p-Xylene	86.8	95.6		ug/m3		110	76 - 121
o-Xylene	45.0	47.4		ug/m3		105	73 - 123
Styrene	43.8	48.8		ug/m3		111	74 - 125
Bromoform	106	105		ug/m3		99	53 - 149
Isopropylbenzene (cumene)	51.4	54.7		ug/m3		106	73 - 123
1,1,2,2-Tetrachloroethane	71.0	75.5		ug/m3		106	74 - 126
1,3-Dichlorobenzene	61.1	71.4		ug/m3		117	69 - 131
1,4-Dichlorobenzene	62.5	70.7		ug/m3		113	67 - 132
1,2-Dichlorobenzene	64.7	71.2		ug/m3		110	68 - 129
1,2,4-Trichlorobenzene	81.5	100		ug/m3		123	50 - 150

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	11	10.1		ppb v/v		95	61 - 142
Chloromethane	9.9	10.6		ppb v/v		107	56 - 141
Vinyl chloride	10	10.0		ppb v/v		100	61 - 135
Bromomethane	10	11.1		ppb v/v		107	72 - 124
Chloroethane	11	10.6		ppb v/v		101	68 - 130
Trichlorofluoromethane	10	11.5		ppb v/v		111	70 - 129
1,1,2-Trichlorotrifluoroethane	11	10.9		ppb v/v		102	70 - 121
1,1-Dichloroethene	10	9.62		ppb v/v		94	68 - 120
Acetone	10	10.1		ppb v/v		96	54 - 154
Carbon disulfide	10	9.16		ppb v/v		88	71 - 138
Methylene Chloride	10	9.29		ppb v/v		91	59 - 137
Methyl tert-butyl ether	11	10.9		ppb v/v		103	70 - 127
trans-1,2-Dichloroethene	10	10.5		ppb v/v		102	69 - 137
1,1-Dichloroethane	10	9.37		ppb v/v		91	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	10.0		ppb v/v		97	72 - 124
cis-1,2-Dichloroethene	10	9.24		ppb v/v		89	72 - 121
Chloroform	10	10.6		ppb v/v		102	73 - 124
1,1,1-Trichloroethane	10	11.1		ppb v/v		108	72 - 127
Cyclohexane	10	10.5		ppb v/v		103	76 - 124
Carbon tetrachloride	10	10.6		ppb v/v		106	71 - 133
Benzene	10	10.5		ppb v/v		101	73 - 119
1,2-Dichloroethane	10	11.5		ppb v/v		110	68 - 135
Trichloroethene	10	10.0		ppb v/v		97	73 - 122
1,2-Dichloropropane	10	10.5		ppb v/v		101	69 - 128
Bromodichloromethane	10	11.4		ppb v/v		111	75 - 127
cis-1,3-Dichloropropene	9.9	11.1		ppb v/v		112	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	10.3		ppb v/v		101	58 - 144
Toluene	10	10.5		ppb v/v		103	75 - 122
trans-1,3-Dichloropropene	9.8	10.8		ppb v/v		110	74 - 128
1,1,2-Trichloroethane	10	10.8		ppb v/v		103	75 - 126
Tetrachloroethene	10	10.1		ppb v/v		97	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	10.1		ppb v/v		100	57 - 143
Dibromochloromethane	11	10.2		ppb v/v		96	73 - 125
1,2-Dibromoethane	11	11.3		ppb v/v		106	78 - 122
Chlorobenzene	10	11.0		ppb v/v		105	76 - 119
Ethylbenzene	10	10.7		ppb v/v		105	74 - 122
m,p-Xylene	20	22.0		ppb v/v		110	76 - 121
o-Xylene	10	10.9		ppb v/v		105	73 - 123
Styrene	10	11.4		ppb v/v		111	74 - 125
Bromoform	10	10.2		ppb v/v		99	53 - 149
Isopropylbenzene (cumene)	10	11.1		ppb v/v		106	73 - 123
1,1,2,2-Tetrachloroethane	10	11.0		ppb v/v		106	74 - 126
1,3-Dichlorobenzene	10	11.9		ppb v/v		117	69 - 131
1,4-Dichlorobenzene	10	11.8		ppb v/v		113	67 - 132
1,2-Dichlorobenzene	11	11.8		ppb v/v		110	68 - 129
1,2,4-Trichlorobenzene	11	13.5		ppb v/v		123	50 - 150

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-164273/5
Matrix: Air
Analysis Batch: 164273

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		2.5	0.54	ug/m3			02/25/21 14:45	1
Chloromethane	ND		1.0	0.23	ug/m3			02/25/21 14:45	1
Vinyl chloride	ND		0.20	0.11	ug/m3			02/25/21 14:45	1
Bromomethane	ND		0.78	0.20	ug/m3			02/25/21 14:45	1
Chloroethane	ND		1.3	0.14	ug/m3			02/25/21 14:45	1
Trichlorofluoromethane	ND		1.1	0.34	ug/m3			02/25/21 14:45	1
1,1,2-Trichlorotrifluoroethane	ND		1.5	0.29	ug/m3			02/25/21 14:45	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/25/21 14:45	1
Acetone	ND		12	2.9	ug/m3			02/25/21 14:45	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/25/21 14:45	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/25/21 14:45	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/25/21 14:45	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/25/21 14:45	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/25/21 14:45	1
Methyl Ethyl Ketone (2-Butanone)	ND		1.5	0.21	ug/m3			02/25/21 14:45	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/25/21 14:45	1
Chloroform	ND		0.98	0.16	ug/m3			02/25/21 14:45	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 14:45	1
Cyclohexane	ND		0.69	0.16	ug/m3			02/25/21 14:45	1
Carbon tetrachloride	ND		0.22	0.15	ug/m3			02/25/21 14:45	1
Benzene	ND		0.64	0.21	ug/m3			02/25/21 14:45	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/25/21 14:45	1
Trichloroethene	ND		0.20	0.19	ug/m3			02/25/21 14:45	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/25/21 14:45	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/25/21 14:45	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/25/21 14:45	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/25/21 14:45	1
Toluene	ND		0.75	0.41	ug/m3			02/25/21 14:45	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/25/21 14:45	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 14:45	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/25/21 14:45	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/25/21 14:45	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/25/21 14:45	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/25/21 14:45	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/25/21 14:45	1
Ethylbenzene	0.274	J	0.87	0.27	ug/m3			02/25/21 14:45	1
m,p-Xylene	ND		2.2	0.43	ug/m3			02/25/21 14:45	1
o-Xylene	ND		0.87	0.21	ug/m3			02/25/21 14:45	1
Xylene (total)	ND		3.0	0.21	ug/m3			02/25/21 14:45	1
Styrene	ND		0.85	0.17	ug/m3			02/25/21 14:45	1
Bromoform	ND		2.1	0.50	ug/m3			02/25/21 14:45	1
Isopropylbenzene (cumene)	ND		0.98	0.17	ug/m3			02/25/21 14:45	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/25/21 14:45	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/25/21 14:45	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/25/21 14:45	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/25/21 14:45	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/25/21 14:45	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.11	ppb v/v			02/25/21 14:45	1
Chloromethane	ND		0.50	0.11	ppb v/v			02/25/21 14:45	1
Vinyl chloride	ND		0.078	0.044	ppb v/v			02/25/21 14:45	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/25/21 14:45	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/25/21 14:45	1
Trichlorofluoromethane	ND		0.20	0.060	ppb v/v			02/25/21 14:45	1
1,1,2-Trichlorotrifluoroethane	ND		0.20	0.038	ppb v/v			02/25/21 14:45	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/25/21 14:45	1
Acetone	ND		5.0	1.2	ppb v/v			02/25/21 14:45	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/25/21 14:45	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/25/21 14:45	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/25/21 14:45	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/25/21 14:45	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/25/21 14:45	1
Methyl Ethyl Ketone (2-Butanone)	ND		0.50	0.072	ppb v/v			02/25/21 14:45	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/25/21 14:45	1
Chloroform	ND		0.20	0.032	ppb v/v			02/25/21 14:45	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 14:45	1
Cyclohexane	ND		0.20	0.046	ppb v/v			02/25/21 14:45	1
Carbon tetrachloride	ND		0.035	0.024	ppb v/v			02/25/21 14:45	1
Benzene	ND		0.20	0.067	ppb v/v			02/25/21 14:45	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/25/21 14:45	1
Trichloroethene	ND		0.037	0.035	ppb v/v			02/25/21 14:45	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/25/21 14:45	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/25/21 14:45	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/25/21 14:45	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/25/21 14:45	1
Toluene	ND		0.20	0.11	ppb v/v			02/25/21 14:45	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/25/21 14:45	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 14:45	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/25/21 14:45	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/25/21 14:45	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/25/21 14:45	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/25/21 14:45	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/25/21 14:45	1
Ethylbenzene	0.0631	J	0.20	0.063	ppb v/v			02/25/21 14:45	1
m,p-Xylene	ND		0.50	0.10	ppb v/v			02/25/21 14:45	1
o-Xylene	ND		0.20	0.048	ppb v/v			02/25/21 14:45	1
Xylene (total)	ND		0.70	0.048	ppb v/v			02/25/21 14:45	1
Styrene	ND		0.20	0.040	ppb v/v			02/25/21 14:45	1
Bromoform	ND		0.20	0.048	ppb v/v			02/25/21 14:45	1
Isopropylbenzene (cumene)	ND		0.20	0.035	ppb v/v			02/25/21 14:45	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/25/21 14:45	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/25/21 14:45	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/25/21 14:45	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/25/21 14:45	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/25/21 14:45	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-164273/4
Matrix: Air
Analysis Batch: 164273

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	52.3	61.0		ug/m3		117	61 - 142
Chloromethane	20.5	31.5	*+	ug/m3		154	56 - 141
Vinyl chloride	25.5	31.6		ug/m3		124	61 - 135
Bromomethane	40.4	48.5		ug/m3		120	72 - 124
Chloroethane	27.9	30.3		ug/m3		109	68 - 130
Trichlorofluoromethane	58.5	51.1		ug/m3		87	70 - 129
1,1,2-Trichlorotrifluoroethane	81.8	70.4		ug/m3		86	70 - 121
1,1-Dichloroethene	40.4	34.0		ug/m3		84	68 - 120
Acetone	24.8	22.1		ug/m3		89	54 - 154
Carbon disulfide	32.3	28.9		ug/m3		90	71 - 138
Methylene Chloride	35.6	26.5		ug/m3		74	59 - 137
Methyl tert-butyl ether	38.1	32.7		ug/m3		86	70 - 127
trans-1,2-Dichloroethene	40.9	35.1		ug/m3		86	69 - 137
1,1-Dichloroethane	41.6	36.1		ug/m3		87	66 - 130
Methyl Ethyl Ketone (2-Butanone)	30.5	27.2		ug/m3		89	72 - 124
cis-1,2-Dichloroethene	41.1	41.8		ug/m3		102	72 - 121
Chloroform	50.4	47.2		ug/m3		94	73 - 124
1,1,1-Trichloroethane	56.3	46.5		ug/m3		83	72 - 127
Cyclohexane	35.2	33.5		ug/m3		95	76 - 124
Carbon tetrachloride	63.2	55.7		ug/m3		88	71 - 133
Benzene	33.2	28.6		ug/m3		86	73 - 119
1,2-Dichloroethane	42.3	38.2		ug/m3		90	68 - 135
Trichloroethene	55.3	56.0		ug/m3		101	73 - 122
1,2-Dichloropropane	47.8	54.0		ug/m3		113	69 - 128
Bromodichloromethane	68.9	74.4		ug/m3		108	75 - 127
cis-1,3-Dichloropropene	45.1	49.4		ug/m3		110	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.7	38.1		ug/m3		91	58 - 144
Toluene	38.4	38.9		ug/m3		101	75 - 122
trans-1,3-Dichloropropene	44.7	51.2		ug/m3		115	74 - 128
1,1,2-Trichloroethane	57.2	55.6		ug/m3		97	75 - 126
Tetrachloroethene	71.0	68.0		ug/m3		96	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.4	33.6		ug/m3		81	57 - 143
Dibromochloromethane	90.3	85.2		ug/m3		94	73 - 125
1,2-Dibromoethane	81.9	92.1		ug/m3		112	78 - 122
Chlorobenzene	48.3	50.4		ug/m3		104	76 - 119
Ethylbenzene	44.4	42.5		ug/m3		96	74 - 122
m,p-Xylene	86.8	79.0		ug/m3		91	76 - 121
o-Xylene	45.0	44.6		ug/m3		99	73 - 123
Styrene	43.8	48.9		ug/m3		112	74 - 125
Bromoform	106	123		ug/m3		116	53 - 149
Isopropylbenzene (cumene)	51.4	53.3		ug/m3		104	73 - 123
1,1,2,2-Tetrachloroethane	71.0	69.0		ug/m3		97	74 - 126
1,3-Dichlorobenzene	61.1	70.0		ug/m3		115	69 - 131
1,4-Dichlorobenzene	62.5	68.2		ug/m3		109	67 - 132
1,2-Dichlorobenzene	64.7	70.4		ug/m3		109	68 - 129
1,2,4-Trichlorobenzene	81.5	69.8		ug/m3		86	50 - 150

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	11	12.3		ppb v/v		117	61 - 142
Chloromethane	9.9	15.3	*+	ppb v/v		154	56 - 141
Vinyl chloride	10	12.3		ppb v/v		124	61 - 135
Bromomethane	10	12.5		ppb v/v		120	72 - 124
Chloroethane	11	11.5		ppb v/v		109	68 - 130
Trichlorofluoromethane	10	9.10		ppb v/v		87	70 - 129
1,1,2-Trichlorotrifluoroethane	11	9.19		ppb v/v		86	70 - 121
1,1-Dichloroethene	10	8.57		ppb v/v		84	68 - 120
Acetone	10	9.31		ppb v/v		89	54 - 154
Carbon disulfide	10	9.29		ppb v/v		90	71 - 138
Methylene Chloride	10	7.62		ppb v/v		74	59 - 137
Methyl tert-butyl ether	11	9.06		ppb v/v		86	70 - 127
trans-1,2-Dichloroethene	10	8.85		ppb v/v		86	69 - 137
1,1-Dichloroethane	10	8.92		ppb v/v		87	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	9.22		ppb v/v		89	72 - 124
cis-1,2-Dichloroethene	10	10.5		ppb v/v		102	72 - 121
Chloroform	10	9.68		ppb v/v		94	73 - 124
1,1,1-Trichloroethane	10	8.53		ppb v/v		83	72 - 127
Cyclohexane	10	9.73		ppb v/v		95	76 - 124
Carbon tetrachloride	10	8.85		ppb v/v		88	71 - 133
Benzene	10	8.95		ppb v/v		86	73 - 119
1,2-Dichloroethane	10	9.45		ppb v/v		90	68 - 135
Trichloroethene	10	10.4		ppb v/v		101	73 - 122
1,2-Dichloropropane	10	11.7		ppb v/v		113	69 - 128
Bromodichloromethane	10	11.1		ppb v/v		108	75 - 127
cis-1,3-Dichloropropene	9.9	10.9		ppb v/v		110	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	9.30		ppb v/v		91	58 - 144
Toluene	10	10.3		ppb v/v		101	75 - 122
trans-1,3-Dichloropropene	9.8	11.3		ppb v/v		115	74 - 128
1,1,2-Trichloroethane	10	10.2		ppb v/v		97	75 - 126
Tetrachloroethene	10	10.0		ppb v/v		96	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	8.20		ppb v/v		81	57 - 143
Dibromochloromethane	11	10.0		ppb v/v		94	73 - 125
1,2-Dibromoethane	11	12.0		ppb v/v		112	78 - 122
Chlorobenzene	10	11.0		ppb v/v		104	76 - 119
Ethylbenzene	10	9.78		ppb v/v		96	74 - 122
m,p-Xylene	20	18.2		ppb v/v		91	76 - 121
o-Xylene	10	10.3		ppb v/v		99	73 - 123
Styrene	10	11.5		ppb v/v		112	74 - 125
Bromoform	10	11.9		ppb v/v		116	53 - 149
Isopropylbenzene (cumene)	10	10.8		ppb v/v		104	73 - 123
1,1,2,2-Tetrachloroethane	10	10.0		ppb v/v		97	74 - 126
1,3-Dichlorobenzene	10	11.6		ppb v/v		115	69 - 131
1,4-Dichlorobenzene	10	11.3		ppb v/v		109	67 - 132
1,2-Dichlorobenzene	11	11.7		ppb v/v		109	68 - 129
1,2,4-Trichlorobenzene	11	9.41		ppb v/v		86	50 - 150

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-164278/4
Matrix: Air
Analysis Batch: 164278

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		2.5	0.54	ug/m3			02/25/21 12:56	1
Chloromethane	ND		1.0	0.23	ug/m3			02/25/21 12:56	1
Vinyl chloride	ND		0.20	0.11	ug/m3			02/25/21 12:56	1
Bromomethane	ND		0.78	0.20	ug/m3			02/25/21 12:56	1
Chloroethane	ND		1.3	0.14	ug/m3			02/25/21 12:56	1
Trichlorofluoromethane	ND		1.1	0.34	ug/m3			02/25/21 12:56	1
1,1,2-Trichlorotrifluoroethane	ND		1.5	0.29	ug/m3			02/25/21 12:56	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/25/21 12:56	1
Acetone	ND		12	2.9	ug/m3			02/25/21 12:56	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/25/21 12:56	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/25/21 12:56	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/25/21 12:56	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/25/21 12:56	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/25/21 12:56	1
Methyl Ethyl Ketone (2-Butanone)	ND		1.5	0.21	ug/m3			02/25/21 12:56	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/25/21 12:56	1
Chloroform	ND		0.98	0.16	ug/m3			02/25/21 12:56	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 12:56	1
Cyclohexane	ND		0.69	0.16	ug/m3			02/25/21 12:56	1
Carbon tetrachloride	ND		0.22	0.15	ug/m3			02/25/21 12:56	1
Benzene	ND		0.64	0.21	ug/m3			02/25/21 12:56	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/25/21 12:56	1
Trichloroethene	ND		0.20	0.19	ug/m3			02/25/21 12:56	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/25/21 12:56	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/25/21 12:56	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/25/21 12:56	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/25/21 12:56	1
Toluene	ND		0.75	0.41	ug/m3			02/25/21 12:56	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/25/21 12:56	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/25/21 12:56	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/25/21 12:56	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/25/21 12:56	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/25/21 12:56	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/25/21 12:56	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/25/21 12:56	1
Ethylbenzene	ND		0.87	0.27	ug/m3			02/25/21 12:56	1
m,p-Xylene	ND		2.2	0.43	ug/m3			02/25/21 12:56	1
o-Xylene	ND		0.87	0.21	ug/m3			02/25/21 12:56	1
Xylene (total)	ND		3.0	0.21	ug/m3			02/25/21 12:56	1
Styrene	ND		0.85	0.17	ug/m3			02/25/21 12:56	1
Bromoform	ND		2.1	0.50	ug/m3			02/25/21 12:56	1
Isopropylbenzene (cumene)	ND		0.98	0.17	ug/m3			02/25/21 12:56	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/25/21 12:56	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/25/21 12:56	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/25/21 12:56	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/25/21 12:56	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/25/21 12:56	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.11	ppb v/v			02/25/21 12:56	1
Chloromethane	ND		0.50	0.11	ppb v/v			02/25/21 12:56	1
Vinyl chloride	ND		0.078	0.044	ppb v/v			02/25/21 12:56	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/25/21 12:56	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/25/21 12:56	1
Trichlorofluoromethane	ND		0.20	0.060	ppb v/v			02/25/21 12:56	1
1,1,2-Trichlorotrifluoroethane	ND		0.20	0.038	ppb v/v			02/25/21 12:56	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/25/21 12:56	1
Acetone	ND		5.0	1.2	ppb v/v			02/25/21 12:56	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/25/21 12:56	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/25/21 12:56	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/25/21 12:56	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/25/21 12:56	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/25/21 12:56	1
Methyl Ethyl Ketone (2-Butanone)	ND		0.50	0.072	ppb v/v			02/25/21 12:56	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/25/21 12:56	1
Chloroform	ND		0.20	0.032	ppb v/v			02/25/21 12:56	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 12:56	1
Cyclohexane	ND		0.20	0.046	ppb v/v			02/25/21 12:56	1
Carbon tetrachloride	ND		0.035	0.024	ppb v/v			02/25/21 12:56	1
Benzene	ND		0.20	0.067	ppb v/v			02/25/21 12:56	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/25/21 12:56	1
Trichloroethene	ND		0.037	0.035	ppb v/v			02/25/21 12:56	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/25/21 12:56	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/25/21 12:56	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/25/21 12:56	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/25/21 12:56	1
Toluene	ND		0.20	0.11	ppb v/v			02/25/21 12:56	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/25/21 12:56	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/25/21 12:56	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/25/21 12:56	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/25/21 12:56	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/25/21 12:56	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/25/21 12:56	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/25/21 12:56	1
Ethylbenzene	ND		0.20	0.063	ppb v/v			02/25/21 12:56	1
m,p-Xylene	ND		0.50	0.10	ppb v/v			02/25/21 12:56	1
o-Xylene	ND		0.20	0.048	ppb v/v			02/25/21 12:56	1
Xylene (total)	ND		0.70	0.048	ppb v/v			02/25/21 12:56	1
Styrene	ND		0.20	0.040	ppb v/v			02/25/21 12:56	1
Bromoform	ND		0.20	0.048	ppb v/v			02/25/21 12:56	1
Isopropylbenzene (cumene)	ND		0.20	0.035	ppb v/v			02/25/21 12:56	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/25/21 12:56	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/25/21 12:56	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/25/21 12:56	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/25/21 12:56	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/25/21 12:56	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-164278/3
Matrix: Air
Analysis Batch: 164278

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	52.3	47.1		ug/m3		90	61 - 142
Chloromethane	20.5	23.1		ug/m3		113	56 - 141
Vinyl chloride	25.5	24.7		ug/m3		97	61 - 135
Bromomethane	40.4	42.4		ug/m3		105	72 - 124
Chloroethane	27.9	28.0		ug/m3		100	68 - 130
Trichlorofluoromethane	58.5	61.9		ug/m3		106	70 - 129
1,1,2-Trichlorotrifluoroethane	81.8	89.0		ug/m3		109	70 - 121
1,1-Dichloroethene	40.4	41.8		ug/m3		104	68 - 120
Acetone	24.8	25.9		ug/m3		105	54 - 154
Carbon disulfide	32.3	32.8		ug/m3		102	71 - 138
Methylene Chloride	35.6	37.4		ug/m3		105	59 - 137
Methyl tert-butyl ether	38.1	40.1		ug/m3		105	70 - 127
trans-1,2-Dichloroethene	40.9	43.7		ug/m3		107	69 - 137
1,1-Dichloroethane	41.6	39.5		ug/m3		95	66 - 130
Methyl Ethyl Ketone (2-Butanone)	30.5	31.1		ug/m3		102	72 - 124
cis-1,2-Dichloroethene	41.1	38.0		ug/m3		92	72 - 121
Chloroform	50.4	51.6		ug/m3		102	73 - 124
1,1,1-Trichloroethane	56.3	56.2		ug/m3		100	72 - 127
Cyclohexane	35.2	37.2		ug/m3		106	76 - 124
Carbon tetrachloride	63.2	60.3		ug/m3		95	71 - 133
Benzene	33.2	34.7		ug/m3		105	73 - 119
1,2-Dichloroethane	42.3	43.3		ug/m3		102	68 - 135
Trichloroethene	55.3	53.9		ug/m3		97	73 - 122
1,2-Dichloropropane	47.8	51.4		ug/m3		108	69 - 128
Bromodichloromethane	68.9	73.2		ug/m3		106	75 - 127
cis-1,3-Dichloropropene	45.1	51.0		ug/m3		113	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.7	43.2		ug/m3		104	58 - 144
Toluene	38.4	40.4		ug/m3		105	75 - 122
trans-1,3-Dichloropropene	44.7	48.6		ug/m3		109	74 - 128
1,1,2-Trichloroethane	57.2	59.6		ug/m3		104	75 - 126
Tetrachloroethene	71.0	66.3		ug/m3		93	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.4	42.9		ug/m3		103	57 - 143
Dibromochloromethane	90.3	81.9		ug/m3		91	73 - 125
1,2-Dibromoethane	81.9	86.9		ug/m3		106	78 - 122
Chlorobenzene	48.3	50.4		ug/m3		104	76 - 119
Ethylbenzene	44.4	46.5		ug/m3		105	74 - 122
m,p-Xylene	86.8	94.8		ug/m3		109	76 - 121
o-Xylene	45.0	47.5		ug/m3		106	73 - 123
Styrene	43.8	48.6		ug/m3		111	74 - 125
Bromoform	106	97.1		ug/m3		91	53 - 149
Isopropylbenzene (cumene)	51.4	53.9		ug/m3		105	73 - 123
1,1,2,2-Tetrachloroethane	71.0	76.8		ug/m3		108	74 - 126
1,3-Dichlorobenzene	61.1	68.9		ug/m3		113	69 - 131
1,4-Dichlorobenzene	62.5	68.9		ug/m3		110	67 - 132
1,2-Dichlorobenzene	64.7	67.3		ug/m3		104	68 - 129
1,2,4-Trichlorobenzene	81.5	95.3		ug/m3		117	50 - 150

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	11	9.53		ppb v/v		90	61 - 142
Chloromethane	9.9	11.2		ppb v/v		113	56 - 141
Vinyl chloride	10	9.67		ppb v/v		97	61 - 135
Bromomethane	10	10.9		ppb v/v		105	72 - 124
Chloroethane	11	10.6		ppb v/v		100	68 - 130
Trichlorofluoromethane	10	11.0		ppb v/v		106	70 - 129
1,1,2-Trichlorotrifluoroethane	11	11.6		ppb v/v		109	70 - 121
1,1-Dichloroethene	10	10.5		ppb v/v		104	68 - 120
Acetone	10	10.9		ppb v/v		105	54 - 154
Carbon disulfide	10	10.5		ppb v/v		102	71 - 138
Methylene Chloride	10	10.8		ppb v/v		105	59 - 137
Methyl tert-butyl ether	11	11.1		ppb v/v		105	70 - 127
trans-1,2-Dichloroethene	10	11.0		ppb v/v		107	69 - 137
1,1-Dichloroethane	10	9.77		ppb v/v		95	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	10.6		ppb v/v		102	72 - 124
cis-1,2-Dichloroethene	10	9.58		ppb v/v		92	72 - 121
Chloroform	10	10.6		ppb v/v		102	73 - 124
1,1,1-Trichloroethane	10	10.3		ppb v/v		100	72 - 127
Cyclohexane	10	10.8		ppb v/v		106	76 - 124
Carbon tetrachloride	10	9.59		ppb v/v		95	71 - 133
Benzene	10	10.9		ppb v/v		105	73 - 119
1,2-Dichloroethane	10	10.7		ppb v/v		102	68 - 135
Trichloroethene	10	10.0		ppb v/v		97	73 - 122
1,2-Dichloropropane	10	11.1		ppb v/v		108	69 - 128
Bromodichloromethane	10	10.9		ppb v/v		106	75 - 127
cis-1,3-Dichloropropene	9.9	11.2		ppb v/v		113	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	10.6		ppb v/v		104	58 - 144
Toluene	10	10.7		ppb v/v		105	75 - 122
trans-1,3-Dichloropropene	9.8	10.7		ppb v/v		109	74 - 128
1,1,2-Trichloroethane	10	10.9		ppb v/v		104	75 - 126
Tetrachloroethene	10	9.78		ppb v/v		93	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	10.5		ppb v/v		103	57 - 143
Dibromochloromethane	11	9.61		ppb v/v		91	73 - 125
1,2-Dibromoethane	11	11.3		ppb v/v		106	78 - 122
Chlorobenzene	10	11.0		ppb v/v		104	76 - 119
Ethylbenzene	10	10.7		ppb v/v		105	74 - 122
m,p-Xylene	20	21.8		ppb v/v		109	76 - 121
o-Xylene	10	10.9		ppb v/v		106	73 - 123
Styrene	10	11.4		ppb v/v		111	74 - 125
Bromoform	10	9.39		ppb v/v		91	53 - 149
Isopropylbenzene (cumene)	10	11.0		ppb v/v		105	73 - 123
1,1,2,2-Tetrachloroethane	10	11.2		ppb v/v		108	74 - 126
1,3-Dichlorobenzene	10	11.5		ppb v/v		113	69 - 131
1,4-Dichlorobenzene	10	11.5		ppb v/v		110	67 - 132
1,2-Dichlorobenzene	11	11.2		ppb v/v		104	68 - 129
1,2,4-Trichlorobenzene	11	12.8		ppb v/v		117	50 - 150

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-164324/4
Matrix: Air
Analysis Batch: 164324

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		2.5	0.54	ug/m3			02/26/21 12:22	1
Chloromethane	ND		1.0	0.23	ug/m3			02/26/21 12:22	1
Vinyl chloride	ND		0.20	0.11	ug/m3			02/26/21 12:22	1
Bromomethane	ND		0.78	0.20	ug/m3			02/26/21 12:22	1
Chloroethane	ND		1.3	0.14	ug/m3			02/26/21 12:22	1
Trichlorofluoromethane	ND		1.1	0.34	ug/m3			02/26/21 12:22	1
1,1,2-Trichlorotrifluoroethane	ND		1.5	0.29	ug/m3			02/26/21 12:22	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/26/21 12:22	1
Acetone	ND		12	2.9	ug/m3			02/26/21 12:22	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/26/21 12:22	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/26/21 12:22	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/26/21 12:22	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/26/21 12:22	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/26/21 12:22	1
Methyl Ethyl Ketone (2-Butanone)	ND		1.5	0.21	ug/m3			02/26/21 12:22	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/26/21 12:22	1
Chloroform	ND		0.98	0.16	ug/m3			02/26/21 12:22	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 12:22	1
Cyclohexane	ND		0.69	0.16	ug/m3			02/26/21 12:22	1
Carbon tetrachloride	ND		0.22	0.15	ug/m3			02/26/21 12:22	1
Benzene	ND		0.64	0.21	ug/m3			02/26/21 12:22	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/26/21 12:22	1
Trichloroethene	ND		0.20	0.19	ug/m3			02/26/21 12:22	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/26/21 12:22	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/26/21 12:22	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/26/21 12:22	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/26/21 12:22	1
Toluene	ND		0.75	0.41	ug/m3			02/26/21 12:22	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/26/21 12:22	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 12:22	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/26/21 12:22	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/26/21 12:22	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/26/21 12:22	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/26/21 12:22	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/26/21 12:22	1
Ethylbenzene	ND		0.87	0.27	ug/m3			02/26/21 12:22	1
m,p-Xylene	ND		2.2	0.43	ug/m3			02/26/21 12:22	1
o-Xylene	ND		0.87	0.21	ug/m3			02/26/21 12:22	1
Xylene (total)	ND		3.0	0.21	ug/m3			02/26/21 12:22	1
Styrene	ND		0.85	0.17	ug/m3			02/26/21 12:22	1
Bromoform	ND		2.1	0.50	ug/m3			02/26/21 12:22	1
Isopropylbenzene (cumene)	ND		0.98	0.17	ug/m3			02/26/21 12:22	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/26/21 12:22	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/26/21 12:22	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/26/21 12:22	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/26/21 12:22	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/26/21 12:22	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.11	ppb v/v			02/26/21 12:22	1
Chloromethane	ND		0.50	0.11	ppb v/v			02/26/21 12:22	1
Vinyl chloride	ND		0.078	0.044	ppb v/v			02/26/21 12:22	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/26/21 12:22	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/26/21 12:22	1
Trichlorofluoromethane	ND		0.20	0.060	ppb v/v			02/26/21 12:22	1
1,1,2-Trichlorotrifluoroethane	ND		0.20	0.038	ppb v/v			02/26/21 12:22	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/26/21 12:22	1
Acetone	ND		5.0	1.2	ppb v/v			02/26/21 12:22	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/26/21 12:22	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/26/21 12:22	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/26/21 12:22	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/26/21 12:22	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/26/21 12:22	1
Methyl Ethyl Ketone (2-Butanone)	ND		0.50	0.072	ppb v/v			02/26/21 12:22	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/26/21 12:22	1
Chloroform	ND		0.20	0.032	ppb v/v			02/26/21 12:22	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 12:22	1
Cyclohexane	ND		0.20	0.046	ppb v/v			02/26/21 12:22	1
Carbon tetrachloride	ND		0.035	0.024	ppb v/v			02/26/21 12:22	1
Benzene	ND		0.20	0.067	ppb v/v			02/26/21 12:22	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/26/21 12:22	1
Trichloroethene	ND		0.037	0.035	ppb v/v			02/26/21 12:22	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/26/21 12:22	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/26/21 12:22	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/26/21 12:22	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/26/21 12:22	1
Toluene	ND		0.20	0.11	ppb v/v			02/26/21 12:22	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/26/21 12:22	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 12:22	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/26/21 12:22	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/26/21 12:22	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/26/21 12:22	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/26/21 12:22	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/26/21 12:22	1
Ethylbenzene	ND		0.20	0.063	ppb v/v			02/26/21 12:22	1
m,p-Xylene	ND		0.50	0.10	ppb v/v			02/26/21 12:22	1
o-Xylene	ND		0.20	0.048	ppb v/v			02/26/21 12:22	1
Xylene (total)	ND		0.70	0.048	ppb v/v			02/26/21 12:22	1
Styrene	ND		0.20	0.040	ppb v/v			02/26/21 12:22	1
Bromoform	ND		0.20	0.048	ppb v/v			02/26/21 12:22	1
Isopropylbenzene (cumene)	ND		0.20	0.035	ppb v/v			02/26/21 12:22	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/26/21 12:22	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/26/21 12:22	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/26/21 12:22	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/26/21 12:22	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/26/21 12:22	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-164324/3
Matrix: Air
Analysis Batch: 164324

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	52.3	41.0		ug/m3		78	61 - 142
Chloromethane	20.5	22.3		ug/m3		109	56 - 141
Vinyl chloride	25.5	25.9		ug/m3		101	61 - 135
Bromomethane	40.4	40.6		ug/m3		101	72 - 124
Chloroethane	27.9	29.1		ug/m3		104	68 - 130
Trichlorofluoromethane	58.5	60.6		ug/m3		104	70 - 129
1,1,2-Trichlorotrifluoroethane	81.8	80.7		ug/m3		99	70 - 121
1,1-Dichloroethene	40.4	36.5		ug/m3		90	68 - 120
Acetone	24.8	26.7		ug/m3		108	54 - 154
Carbon disulfide	32.3	30.3		ug/m3		94	71 - 138
Methylene Chloride	35.6	38.7		ug/m3		109	59 - 137
Methyl tert-butyl ether	38.1	37.7		ug/m3		99	70 - 127
trans-1,2-Dichloroethene	40.9	40.5		ug/m3		99	69 - 137
1,1-Dichloroethane	41.6	36.7		ug/m3		88	66 - 130
Methyl Ethyl Ketone (2-Butanone)	30.5	27.9		ug/m3		91	72 - 124
cis-1,2-Dichloroethene	41.1	38.5		ug/m3		94	72 - 121
Chloroform	50.4	48.8		ug/m3		97	73 - 124
1,1,1-Trichloroethane	56.3	57.7		ug/m3		102	72 - 127
Cyclohexane	35.2	35.7		ug/m3		101	76 - 124
Carbon tetrachloride	63.2	66.5		ug/m3		105	71 - 133
Benzene	33.2	32.2		ug/m3		97	73 - 119
1,2-Dichloroethane	42.3	43.8		ug/m3		104	68 - 135
Trichloroethene	55.3	50.2		ug/m3		91	73 - 122
1,2-Dichloropropane	47.8	47.8		ug/m3		100	69 - 128
Bromodichloromethane	68.9	75.0		ug/m3		109	75 - 127
cis-1,3-Dichloropropene	45.1	47.3		ug/m3		105	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.7	45.2		ug/m3		108	58 - 144
Toluene	38.4	37.4		ug/m3		97	75 - 122
trans-1,3-Dichloropropene	44.7	44.2		ug/m3		99	74 - 128
1,1,2-Trichloroethane	57.2	58.5		ug/m3		102	75 - 126
Tetrachloroethene	71.0	68.0		ug/m3		96	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.4	48.4		ug/m3		117	57 - 143
Dibromochloromethane	90.3	90.8		ug/m3		101	73 - 125
1,2-Dibromoethane	81.9	81.3		ug/m3		99	78 - 122
Chlorobenzene	48.3	46.4		ug/m3		96	76 - 119
Ethylbenzene	44.4	46.5		ug/m3		105	74 - 122
m,p-Xylene	86.8	91.1		ug/m3		105	76 - 121
o-Xylene	45.0	45.2		ug/m3		100	73 - 123
Styrene	43.8	44.1		ug/m3		101	74 - 125
Bromoform	106	119		ug/m3		112	53 - 149
Isopropylbenzene (cumene)	51.4	53.7		ug/m3		104	73 - 123
1,1,2,2-Tetrachloroethane	71.0	74.7		ug/m3		105	74 - 126
1,3-Dichlorobenzene	61.1	64.1		ug/m3		105	69 - 131
1,4-Dichlorobenzene	62.5	62.2		ug/m3		100	67 - 132
1,2-Dichlorobenzene	64.7	64.3		ug/m3		99	68 - 129
1,2,4-Trichlorobenzene	81.5	88.5		ug/m3		109	50 - 150

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	11	8.29		ppb v/v		78	61 - 142
Chloromethane	9.9	10.8		ppb v/v		109	56 - 141
Vinyl chloride	10	10.1		ppb v/v		101	61 - 135
Bromomethane	10	10.5		ppb v/v		101	72 - 124
Chloroethane	11	11.0		ppb v/v		104	68 - 130
Trichlorofluoromethane	10	10.8		ppb v/v		104	70 - 129
1,1,2-Trichlorotrifluoroethane	11	10.5		ppb v/v		99	70 - 121
1,1-Dichloroethene	10	9.20		ppb v/v		90	68 - 120
Acetone	10	11.2		ppb v/v		108	54 - 154
Carbon disulfide	10	9.73		ppb v/v		94	71 - 138
Methylene Chloride	10	11.2		ppb v/v		109	59 - 137
Methyl tert-butyl ether	11	10.4		ppb v/v		99	70 - 127
trans-1,2-Dichloroethene	10	10.2		ppb v/v		99	69 - 137
1,1-Dichloroethane	10	9.07		ppb v/v		88	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	9.47		ppb v/v		91	72 - 124
cis-1,2-Dichloroethene	10	9.71		ppb v/v		94	72 - 121
Chloroform	10	9.99		ppb v/v		97	73 - 124
1,1,1-Trichloroethane	10	10.6		ppb v/v		102	72 - 127
Cyclohexane	10	10.4		ppb v/v		101	76 - 124
Carbon tetrachloride	10	10.6		ppb v/v		105	71 - 133
Benzene	10	10.1		ppb v/v		97	73 - 119
1,2-Dichloroethane	10	10.8		ppb v/v		104	68 - 135
Trichloroethene	10	9.35		ppb v/v		91	73 - 122
1,2-Dichloropropane	10	10.3		ppb v/v		100	69 - 128
Bromodichloromethane	10	11.2		ppb v/v		109	75 - 127
cis-1,3-Dichloropropene	9.9	10.4		ppb v/v		105	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	11.0		ppb v/v		108	58 - 144
Toluene	10	9.93		ppb v/v		97	75 - 122
trans-1,3-Dichloropropene	9.8	9.74		ppb v/v		99	74 - 128
1,1,2-Trichloroethane	10	10.7		ppb v/v		102	75 - 126
Tetrachloroethene	10	10.0		ppb v/v		96	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	11.8		ppb v/v		117	57 - 143
Dibromochloromethane	11	10.7		ppb v/v		101	73 - 125
1,2-Dibromoethane	11	10.6		ppb v/v		99	78 - 122
Chlorobenzene	10	10.1		ppb v/v		96	76 - 119
Ethylbenzene	10	10.7		ppb v/v		105	74 - 122
m,p-Xylene	20	21.0		ppb v/v		105	76 - 121
o-Xylene	10	10.4		ppb v/v		100	73 - 123
Styrene	10	10.4		ppb v/v		101	74 - 125
Bromoform	10	11.5		ppb v/v		112	53 - 149
Isopropylbenzene (cumene)	10	10.9		ppb v/v		104	73 - 123
1,1,2,2-Tetrachloroethane	10	10.9		ppb v/v		105	74 - 126
1,3-Dichlorobenzene	10	10.7		ppb v/v		105	69 - 131
1,4-Dichlorobenzene	10	10.3		ppb v/v		100	67 - 132
1,2-Dichlorobenzene	11	10.7		ppb v/v		99	68 - 129
1,2,4-Trichlorobenzene	11	11.9		ppb v/v		109	50 - 150

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-164327/4
Matrix: Air
Analysis Batch: 164327

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		2.5	0.54	ug/m3			02/26/21 13:43	1
Chloromethane	ND		1.0	0.23	ug/m3			02/26/21 13:43	1
Vinyl chloride	ND		0.20	0.11	ug/m3			02/26/21 13:43	1
Bromomethane	ND		0.78	0.20	ug/m3			02/26/21 13:43	1
Chloroethane	ND		1.3	0.14	ug/m3			02/26/21 13:43	1
Trichlorofluoromethane	ND		1.1	0.34	ug/m3			02/26/21 13:43	1
1,1,2-Trichlorotrifluoroethane	ND		1.5	0.29	ug/m3			02/26/21 13:43	1
1,1-Dichloroethene	ND		0.20	0.15	ug/m3			02/26/21 13:43	1
Acetone	ND		12	2.9	ug/m3			02/26/21 13:43	1
Carbon disulfide	ND		1.6	0.23	ug/m3			02/26/21 13:43	1
Methylene Chloride	ND		1.7	0.94	ug/m3			02/26/21 13:43	1
Methyl tert-butyl ether	ND		0.72	0.12	ug/m3			02/26/21 13:43	1
trans-1,2-Dichloroethene	ND		0.79	0.17	ug/m3			02/26/21 13:43	1
1,1-Dichloroethane	ND		0.81	0.17	ug/m3			02/26/21 13:43	1
Methyl Ethyl Ketone (2-Butanone)	ND		1.5	0.21	ug/m3			02/26/21 13:43	1
cis-1,2-Dichloroethene	ND		0.20	0.18	ug/m3			02/26/21 13:43	1
Chloroform	ND		0.98	0.16	ug/m3			02/26/21 13:43	1
1,1,1-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 13:43	1
Cyclohexane	ND		0.69	0.16	ug/m3			02/26/21 13:43	1
Carbon tetrachloride	ND		0.22	0.15	ug/m3			02/26/21 13:43	1
Benzene	ND		0.64	0.21	ug/m3			02/26/21 13:43	1
1,2-Dichloroethane	ND		0.81	0.13	ug/m3			02/26/21 13:43	1
Trichloroethene	ND		0.20	0.19	ug/m3			02/26/21 13:43	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			02/26/21 13:43	1
Bromodichloromethane	ND		1.3	0.23	ug/m3			02/26/21 13:43	1
cis-1,3-Dichloropropene	ND		0.91	0.15	ug/m3			02/26/21 13:43	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.15	ug/m3			02/26/21 13:43	1
Toluene	ND		0.75	0.41	ug/m3			02/26/21 13:43	1
trans-1,3-Dichloropropene	ND		0.91	0.18	ug/m3			02/26/21 13:43	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/m3			02/26/21 13:43	1
Tetrachloroethene	ND		1.4	0.22	ug/m3			02/26/21 13:43	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.20	ug/m3			02/26/21 13:43	1
Dibromochloromethane	ND		1.7	0.31	ug/m3			02/26/21 13:43	1
1,2-Dibromoethane	ND		1.5	0.38	ug/m3			02/26/21 13:43	1
Chlorobenzene	ND		0.92	0.26	ug/m3			02/26/21 13:43	1
Ethylbenzene	ND		0.87	0.27	ug/m3			02/26/21 13:43	1
m,p-Xylene	ND		2.2	0.43	ug/m3			02/26/21 13:43	1
o-Xylene	ND		0.87	0.21	ug/m3			02/26/21 13:43	1
Xylene (total)	ND		3.0	0.21	ug/m3			02/26/21 13:43	1
Styrene	ND		0.85	0.17	ug/m3			02/26/21 13:43	1
Bromoform	ND		2.1	0.50	ug/m3			02/26/21 13:43	1
Isopropylbenzene (cumene)	ND		0.98	0.17	ug/m3			02/26/21 13:43	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.29	ug/m3			02/26/21 13:43	1
1,3-Dichlorobenzene	ND		1.2	0.66	ug/m3			02/26/21 13:43	1
1,4-Dichlorobenzene	ND		1.2	0.72	ug/m3			02/26/21 13:43	1
1,2-Dichlorobenzene	ND		1.2	0.58	ug/m3			02/26/21 13:43	1
1,2,4-Trichlorobenzene	ND		3.7	1.6	ug/m3			02/26/21 13:43	1

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.11	ppb v/v			02/26/21 13:43	1
Chloromethane	ND		0.50	0.11	ppb v/v			02/26/21 13:43	1
Vinyl chloride	ND		0.078	0.044	ppb v/v			02/26/21 13:43	1
Bromomethane	ND		0.20	0.051	ppb v/v			02/26/21 13:43	1
Chloroethane	ND		0.50	0.054	ppb v/v			02/26/21 13:43	1
Trichlorofluoromethane	ND		0.20	0.060	ppb v/v			02/26/21 13:43	1
1,1,2-Trichlorotrifluoroethane	ND		0.20	0.038	ppb v/v			02/26/21 13:43	1
1,1-Dichloroethene	ND		0.050	0.039	ppb v/v			02/26/21 13:43	1
Acetone	ND		5.0	1.2	ppb v/v			02/26/21 13:43	1
Carbon disulfide	ND		0.50	0.074	ppb v/v			02/26/21 13:43	1
Methylene Chloride	ND		0.50	0.27	ppb v/v			02/26/21 13:43	1
Methyl tert-butyl ether	ND		0.20	0.033	ppb v/v			02/26/21 13:43	1
trans-1,2-Dichloroethene	ND		0.20	0.042	ppb v/v			02/26/21 13:43	1
1,1-Dichloroethane	ND		0.20	0.041	ppb v/v			02/26/21 13:43	1
Methyl Ethyl Ketone (2-Butanone)	ND		0.50	0.072	ppb v/v			02/26/21 13:43	1
cis-1,2-Dichloroethene	ND		0.050	0.045	ppb v/v			02/26/21 13:43	1
Chloroform	ND		0.20	0.032	ppb v/v			02/26/21 13:43	1
1,1,1-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 13:43	1
Cyclohexane	ND		0.20	0.046	ppb v/v			02/26/21 13:43	1
Carbon tetrachloride	ND		0.035	0.024	ppb v/v			02/26/21 13:43	1
Benzene	ND		0.20	0.067	ppb v/v			02/26/21 13:43	1
1,2-Dichloroethane	ND		0.20	0.032	ppb v/v			02/26/21 13:43	1
Trichloroethene	ND		0.037	0.035	ppb v/v			02/26/21 13:43	1
1,2-Dichloropropane	ND		0.20	0.033	ppb v/v			02/26/21 13:43	1
Bromodichloromethane	ND		0.20	0.035	ppb v/v			02/26/21 13:43	1
cis-1,3-Dichloropropene	ND		0.20	0.032	ppb v/v			02/26/21 13:43	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.036	ppb v/v			02/26/21 13:43	1
Toluene	ND		0.20	0.11	ppb v/v			02/26/21 13:43	1
trans-1,3-Dichloropropene	ND		0.20	0.039	ppb v/v			02/26/21 13:43	1
1,1,2-Trichloroethane	ND		0.20	0.036	ppb v/v			02/26/21 13:43	1
Tetrachloroethene	ND		0.20	0.033	ppb v/v			02/26/21 13:43	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.048	ppb v/v			02/26/21 13:43	1
Dibromochloromethane	ND		0.20	0.036	ppb v/v			02/26/21 13:43	1
1,2-Dibromoethane	ND		0.20	0.049	ppb v/v			02/26/21 13:43	1
Chlorobenzene	ND		0.20	0.056	ppb v/v			02/26/21 13:43	1
Ethylbenzene	ND		0.20	0.063	ppb v/v			02/26/21 13:43	1
m,p-Xylene	ND		0.50	0.10	ppb v/v			02/26/21 13:43	1
o-Xylene	ND		0.20	0.048	ppb v/v			02/26/21 13:43	1
Xylene (total)	ND		0.70	0.048	ppb v/v			02/26/21 13:43	1
Styrene	ND		0.20	0.040	ppb v/v			02/26/21 13:43	1
Bromoform	ND		0.20	0.048	ppb v/v			02/26/21 13:43	1
Isopropylbenzene (cumene)	ND		0.20	0.035	ppb v/v			02/26/21 13:43	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.042	ppb v/v			02/26/21 13:43	1
1,3-Dichlorobenzene	ND		0.20	0.11	ppb v/v			02/26/21 13:43	1
1,4-Dichlorobenzene	ND		0.20	0.12	ppb v/v			02/26/21 13:43	1
1,2-Dichlorobenzene	ND		0.20	0.097	ppb v/v			02/26/21 13:43	1
1,2,4-Trichlorobenzene	ND		0.50	0.22	ppb v/v			02/26/21 13:43	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-164327/3
Matrix: Air
Analysis Batch: 164327

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	52.3	47.2		ug/m3		90	61 - 142
Chloromethane	20.5	24.1		ug/m3		117	56 - 141
Vinyl chloride	25.5	26.8		ug/m3		105	61 - 135
Bromomethane	40.4	45.3		ug/m3		112	72 - 124
Chloroethane	27.9	30.8		ug/m3		111	68 - 130
Trichlorofluoromethane	58.5	64.7		ug/m3		111	70 - 129
1,1,2-Trichlorotrifluoroethane	81.8	89.4		ug/m3		109	70 - 121
1,1-Dichloroethene	40.4	41.8		ug/m3		103	68 - 120
Acetone	24.8	26.2		ug/m3		106	54 - 154
Carbon disulfide	32.3	32.1		ug/m3		99	71 - 138
Methylene Chloride	35.6	40.2		ug/m3		113	59 - 137
Methyl tert-butyl ether	38.1	42.3		ug/m3		111	70 - 127
trans-1,2-Dichloroethene	40.9	46.4		ug/m3		113	69 - 137
1,1-Dichloroethane	41.6	41.7		ug/m3		100	66 - 130
Methyl Ethyl Ketone (2-Butanone)	30.5	33.6		ug/m3		110	72 - 124
cis-1,2-Dichloroethene	41.1	39.5		ug/m3		96	72 - 121
Chloroform	50.4	53.3		ug/m3		106	73 - 124
1,1,1-Trichloroethane	56.3	57.8		ug/m3		103	72 - 127
Cyclohexane	35.2	38.9		ug/m3		111	76 - 124
Carbon tetrachloride	63.2	61.4		ug/m3		97	71 - 133
Benzene	33.2	36.1		ug/m3		109	73 - 119
1,2-Dichloroethane	42.3	44.4		ug/m3		105	68 - 135
Trichloroethene	55.3	55.4		ug/m3		100	73 - 122
1,2-Dichloropropane	47.8	53.9		ug/m3		113	69 - 128
Bromodichloromethane	68.9	74.9		ug/m3		109	75 - 127
cis-1,3-Dichloropropene	45.1	52.9		ug/m3		117	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.7	45.4		ug/m3		109	58 - 144
Toluene	38.4	41.6		ug/m3		108	75 - 122
trans-1,3-Dichloropropene	44.7	49.6		ug/m3		111	74 - 128
1,1,2-Trichloroethane	57.2	61.5		ug/m3		108	75 - 126
Tetrachloroethene	71.0	66.6		ug/m3		94	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.4	44.5		ug/m3		108	57 - 143
Dibromochloromethane	90.3	83.1		ug/m3		92	73 - 125
1,2-Dibromoethane	81.9	87.1		ug/m3		106	78 - 122
Chlorobenzene	48.3	50.9		ug/m3		105	76 - 119
Ethylbenzene	44.4	46.8		ug/m3		105	74 - 122
m,p-Xylene	86.8	94.6		ug/m3		109	76 - 121
o-Xylene	45.0	47.4		ug/m3		105	73 - 123
Styrene	43.8	48.2		ug/m3		110	74 - 125
Bromoform	106	93.5		ug/m3		88	53 - 149
Isopropylbenzene (cumene)	51.4	53.5		ug/m3		104	73 - 123
1,1,2,2-Tetrachloroethane	71.0	75.9		ug/m3		107	74 - 126
1,3-Dichlorobenzene	61.1	65.2		ug/m3		107	69 - 131
1,4-Dichlorobenzene	62.5	64.0		ug/m3		102	67 - 132
1,2-Dichlorobenzene	64.7	63.0		ug/m3		97	68 - 129
1,2,4-Trichlorobenzene	81.5	87.4		ug/m3		107	50 - 150

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	11	9.54		ppb v/v		90	61 - 142
Chloromethane	9.9	11.6		ppb v/v		117	56 - 141
Vinyl chloride	10	10.5		ppb v/v		105	61 - 135
Bromomethane	10	11.7		ppb v/v		112	72 - 124
Chloroethane	11	11.7		ppb v/v		111	68 - 130
Trichlorofluoromethane	10	11.5		ppb v/v		111	70 - 129
1,1,2-Trichlorotrifluoroethane	11	11.7		ppb v/v		109	70 - 121
1,1-Dichloroethene	10	10.5		ppb v/v		103	68 - 120
Acetone	10	11.0		ppb v/v		106	54 - 154
Carbon disulfide	10	10.3		ppb v/v		99	71 - 138
Methylene Chloride	10	11.6		ppb v/v		113	59 - 137
Methyl tert-butyl ether	11	11.7		ppb v/v		111	70 - 127
trans-1,2-Dichloroethene	10	11.7		ppb v/v		113	69 - 137
1,1-Dichloroethane	10	10.3		ppb v/v		100	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	11.4		ppb v/v		110	72 - 124
cis-1,2-Dichloroethene	10	9.97		ppb v/v		96	72 - 121
Chloroform	10	10.9		ppb v/v		106	73 - 124
1,1,1-Trichloroethane	10	10.6		ppb v/v		103	72 - 127
Cyclohexane	10	11.3		ppb v/v		111	76 - 124
Carbon tetrachloride	10	9.77		ppb v/v		97	71 - 133
Benzene	10	11.3		ppb v/v		109	73 - 119
1,2-Dichloroethane	10	11.0		ppb v/v		105	68 - 135
Trichloroethene	10	10.3		ppb v/v		100	73 - 122
1,2-Dichloropropane	10	11.7		ppb v/v		113	69 - 128
Bromodichloromethane	10	11.2		ppb v/v		109	75 - 127
cis-1,3-Dichloropropene	9.9	11.7		ppb v/v		117	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	11.1		ppb v/v		109	58 - 144
Toluene	10	11.0		ppb v/v		108	75 - 122
trans-1,3-Dichloropropene	9.8	10.9		ppb v/v		111	74 - 128
1,1,2-Trichloroethane	10	11.3		ppb v/v		108	75 - 126
Tetrachloroethene	10	9.82		ppb v/v		94	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	10.9		ppb v/v		108	57 - 143
Dibromochloromethane	11	9.76		ppb v/v		92	73 - 125
1,2-Dibromoethane	11	11.3		ppb v/v		106	78 - 122
Chlorobenzene	10	11.1		ppb v/v		105	76 - 119
Ethylbenzene	10	10.8		ppb v/v		105	74 - 122
m,p-Xylene	20	21.8		ppb v/v		109	76 - 121
o-Xylene	10	10.9		ppb v/v		105	73 - 123
Styrene	10	11.3		ppb v/v		110	74 - 125
Bromoform	10	9.04		ppb v/v		88	53 - 149
Isopropylbenzene (cumene)	10	10.9		ppb v/v		104	73 - 123
1,1,2,2-Tetrachloroethane	10	11.1		ppb v/v		107	74 - 126
1,3-Dichlorobenzene	10	10.8		ppb v/v		107	69 - 131
1,4-Dichlorobenzene	10	10.6		ppb v/v		102	67 - 132
1,2-Dichlorobenzene	11	10.5		ppb v/v		97	68 - 129
1,2,4-Trichlorobenzene	11	11.8		ppb v/v		107	50 - 150

Air - GC/MS VOA

Analysis Batch: 164231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-57323-1	VU9-SV-021621-0855	Total/NA	Air	TO-15	
200-57323-2	VU9-IA-021621-0855	Total/NA	Air	TO-15	
200-57323-3	AA01-021621-1100	Total/NA	Air	TO-15	
200-57323-4	SS13-SV-021621-0945	Total/NA	Air	TO-15	
200-57323-5	SS13-IA-021621-1130	Total/NA	Air	TO-15	
200-57323-6	SS37-SV-021621-1020	Total/NA	Air	TO-15	
200-57323-7	SS37-IA-021621-1020	Total/NA	Air	TO-15	
200-57323-14	NN58-IA-021721-0845	Total/NA	Air	TO-15	
200-57323-15	CC60-IA-021721-0908	Total/NA	Air	TO-15	
200-57323-19 - DL	W25-SV-021821-0840	Total/NA	Air	TO-15	
MB 200-164231/4	Method Blank	Total/NA	Air	TO-15	
LCS 200-164231/3	Lab Control Sample	Total/NA	Air	TO-15	

Analysis Batch: 164273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-57323-1 - DL	VU9-SV-021621-0855	Total/NA	Air	TO-15	
200-57323-4 - DL	SS13-SV-021621-0945	Total/NA	Air	TO-15	
200-57323-6 - DL	SS37-SV-021621-1020	Total/NA	Air	TO-15	
MB 200-164273/5	Method Blank	Total/NA	Air	TO-15	
LCS 200-164273/4	Lab Control Sample	Total/NA	Air	TO-15	

Analysis Batch: 164278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-57323-8	HH37-SV-021621-1045	Total/NA	Air	TO-15	
200-57323-8 - DL	HH37-SV-021621-1045	Total/NA	Air	TO-15	
200-57323-9	HH37-IA-021621-1045	Total/NA	Air	TO-15	
200-57323-9	HH37-IA-021621-1045	Total/NA	Air	TO-15	
200-57323-10	AA3-021821-1020	Total/NA	Air	TO-15	
200-57323-11	YF25-SV-021721-0830	Total/NA	Air	TO-15	
200-57323-11 - DL	YF25-SV-021721-0830	Total/NA	Air	TO-15	
200-57323-12	YF25-IA-021721-0830	Total/NA	Air	TO-15	
200-57323-13	NN58-SV-021721-0855	Total/NA	Air	TO-15	
200-57323-13 - DL	NN58-SV-021721-0855	Total/NA	Air	TO-15	
200-57323-16	AA2-021721-0950	Total/NA	Air	TO-15	
200-57323-17	DD31-IA-021721-1015	Total/NA	Air	TO-15	
200-57323-18	KK35-IA-021721-1015	Total/NA	Air	TO-15	
200-57323-19	W25-SV-021821-0840	Total/NA	Air	TO-15	
200-57323-20	W25-IA-021821-0840	Total/NA	Air	TO-15	
200-57323-21	G29-IA-021821-0925	Total/NA	Air	TO-15	
200-57323-22	G29-SV-021821-0925	Total/NA	Air	TO-15	
200-57323-23	E17-IA-021821-0950	Total/NA	Air	TO-15	
200-57323-24	E17-SV-021821-0950	Total/NA	Air	TO-15	
200-57323-25	G3-IA-021821-1100	Total/NA	Air	TO-15	
200-57323-26	G3-SV-021821-1100	Total/NA	Air	TO-15	
MB 200-164278/4	Method Blank	Total/NA	Air	TO-15	
LCS 200-164278/3	Lab Control Sample	Total/NA	Air	TO-15	

Analysis Batch: 164324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-57323-18 - DL	KK35-IA-021721-1015	Total/NA	Air	TO-15	
MB 200-164324/4	Method Blank	Total/NA	Air	TO-15	

Air - GC/MS VOA (Continued)

Analysis Batch: 164324 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 200-164324/3	Lab Control Sample	Total/NA	Air	TO-15	

Analysis Batch: 164327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-57323-27	J41-SV-021821-1112	Total/NA	Air	TO-15	
200-57323-28	J41-IA-021821-1112	Total/NA	Air	TO-15	
MB 200-164327/4	Method Blank	Total/NA	Air	TO-15	
LCS 200-164327/3	Lab Control Sample	Total/NA	Air	TO-15	

Client Sample ID: VU9-SV-021621-0855
Lab Sample ID: 200-57323-1
Date Collected: 02/16/21 16:55
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15	DL	15	164273	02/26/21 01:17	K1P	TAL BUR
Total/NA	Analysis	TO-15		1	164231	02/24/21 15:31	A1B	TAL BUR

Client Sample ID: VU9-IA-021621-0855
Lab Sample ID: 200-57323-2
Date Collected: 02/16/21 15:55
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164231	02/24/21 11:59	A1B	TAL BUR

Client Sample ID: AA01-021621-1100
Lab Sample ID: 200-57323-3
Date Collected: 02/16/21 18:00
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164231	02/24/21 12:52	A1B	TAL BUR

Client Sample ID: SS13-SV-021621-0945
Lab Sample ID: 200-57323-4
Date Collected: 02/16/21 16:07
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15	DL	10	164273	02/26/21 03:02	K1P	TAL BUR
Total/NA	Analysis	TO-15		1	164231	02/24/21 17:16	A1B	TAL BUR

Client Sample ID: SS13-IA-021621-1130
Lab Sample ID: 200-57323-5
Date Collected: 02/16/21 18:05
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164231	02/24/21 13:45	A1B	TAL BUR

Client Sample ID: SS37-SV-021621-1020
Lab Sample ID: 200-57323-6
Date Collected: 02/16/21 17:25
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15	DL	10	164273	02/26/21 03:54	K1P	TAL BUR
Total/NA	Analysis	TO-15		1	164231	02/24/21 19:02	A1B	TAL BUR

Client Sample ID: SS37-IA-021621-1020
Lab Sample ID: 200-57323-7
Date Collected: 02/16/21 17:25
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164231	02/24/21 14:38	A1B	TAL BUR

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: HH37-SV-021621-1045
Lab Sample ID: 200-57323-8
Date Collected: 02/16/21 17:45
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		2	164278	02/25/21 13:48	K1P	TAL BUR
Total/NA	Analysis	TO-15	DL	10	164278	02/25/21 14:41	K1P	TAL BUR

Client Sample ID: HH37-IA-021621-1045
Lab Sample ID: 200-57323-9
Date Collected: 02/16/21 17:45
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		2	164278	02/25/21 19:06	K1P	TAL BUR
Total/NA	Analysis	TO-15		10	164278	02/25/21 19:59	K1P	TAL BUR

Client Sample ID: AA3-021821-1020
Lab Sample ID: 200-57323-10
Date Collected: 02/18/21 18:20
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164278	02/25/21 20:52	K1P	TAL BUR

Client Sample ID: YF25-SV-021721-0830
Lab Sample ID: 200-57323-11
Date Collected: 02/17/21 15:35
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164278	02/25/21 21:44	K1P	TAL BUR
Total/NA	Analysis	TO-15	DL	2	164278	02/25/21 22:37	K1P	TAL BUR

Client Sample ID: YF25-IA-021721-0830
Lab Sample ID: 200-57323-12
Date Collected: 02/17/21 15:35
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164278	02/25/21 15:34	K1P	TAL BUR

Client Sample ID: NN58-SV-021721-0855
Lab Sample ID: 200-57323-13
Date Collected: 02/17/21 16:40
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164278	02/25/21 23:30	K1P	TAL BUR
Total/NA	Analysis	TO-15	DL	4	164278	02/26/21 00:23	K1P	TAL BUR

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: NN58-IA-021721-0845
Lab Sample ID: 200-57323-14
Date Collected: 02/17/21 16:40
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164231	02/25/21 04:46	A1B	TAL BUR

Client Sample ID: CC60-IA-021721-0908
Lab Sample ID: 200-57323-15
Date Collected: 02/17/21 17:08
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164231	02/25/21 05:39	A1B	TAL BUR

Client Sample ID: AA2-021721-0950
Lab Sample ID: 200-57323-16
Date Collected: 02/17/21 17:17
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164278	02/26/21 01:15	K1P	TAL BUR

Client Sample ID: DD31-IA-021721-1015
Lab Sample ID: 200-57323-17
Date Collected: 02/17/21 17:24
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164278	02/26/21 02:08	K1P	TAL BUR

Client Sample ID: KK35-IA-021721-1015
Lab Sample ID: 200-57323-18
Date Collected: 02/17/21 17:30
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15	DL	6.14	164324	02/26/21 14:12	VTP	TAL BUR
Total/NA	Analysis	TO-15		1	164278	02/26/21 03:01	K1P	TAL BUR

Client Sample ID: W25-SV-021821-0840
Lab Sample ID: 200-57323-19
Date Collected: 02/18/21 16:00
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15	DL	2	164231	02/25/21 01:13	A1B	TAL BUR
Total/NA	Analysis	TO-15		1	164278	02/25/21 16:27	K1P	TAL BUR

Client Sample ID: W25-IA-021821-0840
Lab Sample ID: 200-57323-20
Date Collected: 02/18/21 15:45
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164278	02/26/21 03:53	K1P	TAL BUR

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Client Sample ID: G29-IA-021821-0925
Lab Sample ID: 200-57323-21
Date Collected: 02/18/21 16:40
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164278	02/26/21 04:46	K1P	TAL BUR

Client Sample ID: G29-SV-021821-0925
Lab Sample ID: 200-57323-22
Date Collected: 02/18/21 15:00
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164278	02/26/21 05:39	K1P	TAL BUR

Client Sample ID: E17-IA-021821-0950
Lab Sample ID: 200-57323-23
Date Collected: 02/18/21 17:15
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164278	02/26/21 06:32	K1P	TAL BUR

Client Sample ID: E17-SV-021821-0950
Lab Sample ID: 200-57323-24
Date Collected: 02/18/21 17:15
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164278	02/26/21 07:25	K1P	TAL BUR

Client Sample ID: G3-IA-021821-1100
Lab Sample ID: 200-57323-25
Date Collected: 02/18/21 17:30
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164278	02/26/21 08:18	K1P	TAL BUR

Client Sample ID: G3-SV-021821-1100
Lab Sample ID: 200-57323-26
Date Collected: 02/18/21 17:30
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164278	02/26/21 09:11	K1P	TAL BUR

Client Sample ID: J41-SV-021821-1112
Lab Sample ID: 200-57323-27
Date Collected: 02/18/21 18:12
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164327	02/26/21 14:37	WRD	TAL BUR

Lab Chronicle

Client: GHD Services Inc.
Job ID: 200-57323-1
Project/Site: Site 255 GMCH, SSOW 255020

Client Sample ID: J41-IA-021821-1112
Lab Sample ID: 200-57323-28

Date Collected: 02/18/21 16:50
Matrix: Air
Date Received: 02/23/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	164327	02/26/21 15:30	WRD	TAL BUR

Laboratory References:

TAL BUR = Eurofins TestAmerica, Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: GHD Services Inc.
Job ID: 200-57323-1
Project/Site: Site 255 GMCH, SSOW 255020

Laboratory: Eurofins TestAmerica, Burlington

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10391	04-01-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	Isopropylbenzene (cumene)
TO-15		Air	Methyl Butyl Ketone (2-Hexanone)

Method Summary

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	TAL BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL BUR = Eurofins TestAmerica, Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job ID: 200-57323-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
200-57323-1	VU9-SV-021621-0855	Air	02/16/21 16:55	02/23/21 11:00	Air Canister (6-Liter) #2892
200-57323-2	VU9-IA-021621-0855	Air	02/16/21 15:55	02/23/21 11:00	Air Canister (6-Liter) #2902
200-57323-3	AA01-021621-1100	Air	02/16/21 18:00	02/23/21 11:00	Air Canister (6-Liter) #5414
200-57323-4	SS13-SV-021621-0945	Air	02/16/21 16:07	02/23/21 11:00	Air Canister (6-Liter) #3497
200-57323-5	SS13-IA-021621-1130	Air	02/16/21 18:05	02/23/21 11:00	Air Canister (6-Liter) #2683
200-57323-6	SS37-SV-021621-1020	Air	02/16/21 17:25	02/23/21 11:00	Air Canister (6-Liter) #3540
200-57323-7	SS37-IA-021621-1020	Air	02/16/21 17:25	02/23/21 11:00	Air Canister (6-Liter) #4136
200-57323-8	HH37-SV-021621-1045	Air	02/16/21 17:45	02/23/21 11:00	Air Canister (6-Liter) #5138
200-57323-9	HH37-IA-021621-1045	Air	02/16/21 17:45	02/23/21 11:00	Air Canister (6-Liter) #5164
200-57323-10	AA3-021821-1020	Air	02/18/21 18:20	02/23/21 11:00	Air Canister (6-Liter) #4812
200-57323-11	YF25-SV-021721-0830	Air	02/17/21 15:35	02/23/21 11:00	Air Canister (6-Liter) #3074
200-57323-12	YF25-IA-021721-0830	Air	02/17/21 15:35	02/23/21 11:00	Air Canister (6-Liter) #4340
200-57323-13	NN58-SV-021721-0855	Air	02/17/21 16:40	02/23/21 11:00	Air Canister (6-Liter) #34001434
200-57323-14	NN58-IA-021721-0845	Air	02/17/21 16:40	02/23/21 11:00	Air Canister (6-Liter) #5098
200-57323-15	CC60-IA-021721-0908	Air	02/17/21 17:08	02/23/21 11:00	Air Canister (6-Liter) #5632
200-57323-16	AA2-021721-0950	Air	02/17/21 17:17	02/23/21 11:00	Air Canister (6-Liter) #2843
200-57323-17	DD31-IA-021721-1015	Air	02/17/21 17:24	02/23/21 11:00	Air Canister (6-Liter) #5121
200-57323-18	KK35-IA-021721-1015	Air	02/17/21 17:30	02/23/21 11:00	Air Canister (6-Liter) #4826
200-57323-19	W25-SV-021821-0840	Air	02/18/21 16:00	02/23/21 11:00	Air Canister (6-Liter) #7701
200-57323-20	W25-IA-021821-0840	Air	02/18/21 15:45	02/23/21 11:00	Air Canister (6-Liter) #4304
200-57323-21	G29-IA-021821-0925	Air	02/18/21 16:40	02/23/21 11:00	Air Canister (6-Liter) #34001126
200-57323-22	G29-SV-021821-0925	Air	02/18/21 15:00	02/23/21 11:00	Air Canister (6-Liter) #5636
200-57323-23	E17-IA-021821-0950	Air	02/18/21 17:15	02/23/21 11:00	Air Canister (6-Liter) #6309
200-57323-24	E17-SV-021821-0950	Air	02/18/21 17:15	02/23/21 11:00	Air Canister (6-Liter) #2687
200-57323-25	G3-IA-021821-1100	Air	02/18/21 17:30	02/23/21 11:00	Air Canister (6-Liter) #5139
200-57323-26	G3-SV-021821-1100	Air	02/18/21 17:30	02/23/21 11:00	Air Canister (6-Liter) #4785
200-57323-27	J41-SV-021821-1112	Air	02/18/21 18:12	02/23/21 11:00	Air Canister (6-Liter) #3043
200-57323-28	J41-IA-021821-1112	Air	02/18/21 16:50	02/23/21 11:00	Air Canister (6-Liter) #3265

Flow Controller (FC) Set Flow Rate and Pressure Gauge Leak Check Record

Pre-Shipment Check							Post-Sampling Check (PSC)						
Date Performed		Analyst	Temp (°C)	BP ("Hg)	FM ID		PSC is performed when pressure of a canister is not within criteria and the FC used for sampling was returned with the canister (in same shipment)						
01/19	2021	LEE	22.0	29.6	F8								
FC ID	Sampling Time	Flow Rate	Control Gauge Initial ("Hg)	Control Gauge Final ("Hg)	FC Gauge Initial ("Hg)	FC Gauge Final ("Hg)	Flow Rate	Control Gauge Initial ("Hg)	Control Gauge Final ("Hg)	FC Gauge Initial ("Hg)	FC Gauge Final ("Hg)	PSC Code	Shipping Order
7232	200ml	16.9	26	26	26	26							
6337	"	15.8	26	26	23	23							
6061	"	18.3	26	26	26	26							
7241	"	18.7	26	26	26	26							
5881	"	16.1	26	26	25	25							
6366	"	15.0	26	26	26	26							
3683	8hr	10.0	26	26	29	29							
4195	"	10.1	26	26	24	24	10.1	26	26	24	24	1	
3786	"	10.0	26	26	27	27							
4747	"	10.0	26	26	27	27							
3048	"	10.0	26	26	26	26							
6563	"	10.1	26	26	26	26							
3946	"	10.0	26	26	27	27							
6012	"	10.1	26	26	23	23							
5226	"	10.1	26	26	24	24							
3119	"	9.9	26	26	25	25							
6082	"	10.0	26	26	27	27							
4200	24hr	3.4	26	26	25	25							
5202	"	3.3	26	26	25	25							

Pre-Shipment Criteria:

The pre-shipment flow rate must be within the range specified in the set flow rate table for the sampling time requested.

The difference between initial and final pressure readings for the control gauge and the FC gauge must be zero.

6L Canister: Set Flow Rates for Various Sampling Times (mL/min)

Time	30 min	50 min	1 hour	2 hour	4 hour	6 hour	8 hour	10 hour	12 hour	16 hour	24 hour	24 hour (W)
Flow Rate	150-195	95-105	79-81	39.5-40.5	19.5-20.5	13.3-13.7	9.8-10.2	7.8-8.2	6.5-6.9	4.9-5.1	3.2-3.4	2.7-2.9

NA = Sampling Time is not applicable to canister size W=Winter Setting

1L Canister: Set Flow Rates for Various Sampling Times (mL/min)

Time	5 min*	10 min*	20 min*	40 min*	1 hour*	2 hour*	4 hour*
Flow Rate	150-195	95-105	39.5-40.5	19.5-20.5	13.3-13.7	6.5-6.9	3.2-3.4
***6L equivalent**	***30 min***	***50 min***	***2 hour***	***4 hour***	***6 hour***	***12 hour***	***24 hour***

Post Sampling Check Supporting Information:

Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID	Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID
1	2/23/21	[illegible]	22.0	29.1	F8	5					
2						6					
3						7					
4						8					

Flow Controller (FC) Set Flow Rate and Pressure Gauge Leak Check Record

Pre-Shipment Check						Post-Sampling Check (PSC)						
Date Performed	Analyst	Temp (°C)	BP ("Hg)	FM ID		PSC is performed when pressure of a canister is not within criteria and the FC used for sampling was returned with the canister (in same shipment)						
01/19/2021	LEE	22.0	29.6	F8								
FC ID	Sampling Time	Flow Rate	Control Gauge		FC Gauge		Flow Rate	Control Gauge		FC Gauge		PSC Code	Shipping Order
			Initial ("Hg)	Final ("Hg)	Initial ("Hg)	Final ("Hg)		Initial ("Hg)	Final ("Hg)	Initial ("Hg)	Final ("Hg)		
8670	8hr	9.9	26	26	20	20	10.2	26	26	20	20	2	
6556		10.2	26	26	18	18							
3698		9.8	26	26	27	27							
5344		10.0	26	26	27	27							
6561		10.2	26	26	25	25							
5176		10.2	26	26	27	27							
6397	200ml	175	26	26	27	27							
4042	8hr	10.0	26	26	24	24	10.1	26	26	24	24	2	
4035		10.0	26	26	24	24							
4053		10.0	26	26	26	26							
5219		10.0	26	26	23	23							
3955		10.0	26	26	24	24							
3107		10.1	26	26	27	27							
7306		10.2	26	26	26	26							
4045		10.0	26	26	24	24							
2768		10.0	26	26	24	24							
6549		10.0	26	26	24	24							
6551		9.9	26	26	26	26	10.2	26	26	26	26	1	
6557		10.0	26	26	25	25							

Pre-Shipment Criteria:

The pre-shipment flow rate must be within the range specified in the set flow rate table for the sampling time requested.

The difference between initial and final pressure readings for the control gauge and the FC gauge must be zero.

6L Canister: Set Flow Rates for Various Sampling Times (mL/min)

Time	30 min	50 min	1 hour	2 hour	4 hour	6 hour	8 hour	10 hour	12 hour	16 hour	24 hour	24 hour (W)
Flow Rate	150-195	95-105	79-81	39.5-40.5	19.5-20.5	13.3-13.7	9.8-10.2	7.8-8.2	6.5-6.9	4.9-5.1	3.2-3.4	2.7-2.9

NA = Sampling Time is not applicable to canister size W=Winter Setting

1L Canister: Set Flow Rates for Various Sampling Times (mL/min)

Time	5 min*	10 min*	20 min*	40 min*	1 hour*	2 hour*	4 hour*
Flow Rate	150-195	95-105	39.5-40.5	19.5-20.5	13.3-13.7	6.5-6.9	3.2-3.4
***6L equivalent**	***30 min***	***50 min***	***2 hour***	***4 hour***	***6 hour***	***12 hour***	***24 hour***

Post Sampling Check Supporting Information:

Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID	Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID
1	1/26/21	SC	22.0	29.7	F8	5					
2	2/23/21	SC	22.0	29.1	F8	6					
3						7					
4						8					

Flow Controller (FC) Set Flow Rate and Pressure Gauge Leak Check Record

Pre-Shipment Check					Post-Sampling Check (PSC)						
Date Performed	Analyst	Temp (°C)	BP ("Hg)	FM ID	*PSC is performed when pressure of a canister is not within criteria and the FC used for sampling was returned with the canister (in same shipment)*						
1/16/21	S—	21.0	29.0	F8							

FC ID	Sampling Time	Flow Rate	Control Gauge		FC Gauge		Flow Rate	Control Gauge		FC Gauge		PSC Code	Shipping Order
			Initial ("Hg)	Final ("Hg)	Initial ("Hg)	Final ("Hg)		Initial ("Hg)	Final ("Hg)	Initial ("Hg)	Final ("Hg)		
5821	1hr	81.0	26	23	23	25	81.0	26	26	25	25	1	
5191		79.5	26	26	26	26	75.2	26	26	26	26	1	
4756		80.1	26	25	25	25	56.3	26	26	25	25	1	
3491		80.1	26	24	24	24	118	26	26	24	24	1	
3766		81.0	26	25	25	25	80.5	26	26	25	25	1	
6110		80.5	26	25	25	25	56.3	26	26	25	25	1	
3650	2hr 20mn	40.3	26	26	25	25							
3717		40.0	26	26	25	25							
5188		39.7	26	26	26	26							
4048		39.9	26	26	24	24							
4523		40.2	26	26	24	24							
3480	8hr	10.0	26	26	26	26							
3933		10.1	26	26	26	26							
7258		10.0	26	26	27	27	10.0	26	26	27	27	2	
3702		10.1	26	26	27	27							
3110		10.0	26	26	25	25							
6558		10.0	26	26	19	19	10.2	26	26	20	20	2	
7301		10.0	26	26	26	26							
3787		9.8	25	25	23	23							

Pre-Shipment Criteria:

The pre-shipment flow rate must be within the range specified in the set flow rate table for the sampling time requested.

The difference between initial and final pressure readings for the control gauge and the FC gauge must be zero.

6L Canister: Set Flow Rates for Various Sampling Times (mL/min)

Time	30 min	50 min	1 hour	2 hour	4 hour	6 hour	8 hour	10 hour	12 hour	16 hour	24 hour	24 hour (W)
Flow Rate	150-195	95-105	79-81	39.5-40.5	19.5-20.5	13.3-13.7	9.8-10.2	7.8-8.2	6.5-6.9	4.9-5.1	3.2-3.4	2.7-2.9

NA = Sampling Time is not applicable to canister size W=Winter Setting

1L Canister: Set Flow Rates for Various Sampling Times (mL/min)

Time	5 min*	10 min*	20 min*	40 min*	1 hour*	2 hour*	4 hour*
Flow Rate	150-195	95-105	39.5-40.5	19.5-20.5	13.3-13.7	6.5-6.9	3.2-3.4
***6L equivalent**	***30 min***	***50 min***	***2 hour***	***4 hour***	***6 hour***	***12 hour***	***24 hour***

Post Sampling Check Supporting Information:

Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID	Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID
1	1/28/21	S—	22.0	29.7	F8	5					
2	2/23/21	S—	27.4	29.1	F8	6					
3						7					
4						8					

Post-Sampling Air Canister Pressure Check Record

Login # (w/ Location Code)	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gauge ID	Analyst
200-57323	02/23/21	14:53	29.1	22	G19	SML

Sampling Information and Return Equipment Check	Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	Yes		
(2) Is the flow controller ID used for each canister recorded?	Yes		
(3) MA MCP & NJ DKQP: Check return flow rate for flow controllers		No	
(4) Is visible sign of damage to canister and/or flow controller (FC) present?		No	
If damage observed, list equipment IDs and describe condition:			

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Check[4] Reference	FC Return (Y/N)	Can Cert Batch ID	Comments
200-57323-A-1	2892	-6.9	N	3786	86/81	Y	3519-44347	
200-57323-A-2	2902	-6.2	N	3119	86/81	Y	4087-44327	
200-57323-A-3	5414	-7.4	N	6561	86/79	Y	4345-44327	
200-57323-A-4	3497	-6.9	N	3048	86/81	Y	4087-44327	
200-57323-A-5	2683	-10.9	Y	4042	86/79	Y	4345-44327	
200-57323-A-6	3540	-10.0	Y	4195	86/81	Y	4087-44327	
200-57323-A-7	4136	-9.2	N	4053	86/79	Y	4087-44327	
200-57323-A-8	5138	-7.8	N	3955	86/79	Y	4087-44327	
200-57323-A-9	5164	-9.8	N	5219	86/79	Y	3519-44347	
200-57323-A-10	4812	-10.9	Y	7258	86/76	Y	3519-44347	
200-57323-A-11	3074	-8.8	N	5226	86/81	Y	4087-44327	
200-57323-A-12	4340	-6.3	N	4035	86/79	Y	4087-44327	
200-57323-A-13	34001434	-7.0	N	3946	86/81	Y	4345-44327	
200-57323-A-14	5098	-7.0	N	5176	86/79	Y	4087-44327	
200-57323-A-15	5632	-6.6	N	7306	86/79	Y	4345-44327	
200-57323-A-16	2843	-5.2	N	3107	86/79	Y	4087-44327	
200-57323-A-17	5121	-9.3	N	3480	86/76	Y	4345-44327	
200-57323-A-18	4826	-8.9	N	4045	86/79	Y	4345-44327	
200-57323-A-19	7701	-8.4	N	3933	86/76	Y	4345-44327	
200-57323-A-20	4304	-2.8	N	3702	86/76	Y	4345-44327	
200-57323-A-21	34001126	-8.1	N	3110	86/76	Y	3519-44347	
200-57323-A-22	5636	-12.3	Y	8670	86/79	Y	3519-44347	
200-57323-A-23	6309	-8.8	N	3683	86/81	Y	4087-44327	
200-57323-A-24	2687	-5.6	N	3698	86/79	Y	3519-44347	
200-57323-A-25	5139	-10.2	Y	6558	86/76	Y	3519-44347	
200-57323-A-26	4785	-9.8	N	6012	86/81	Y	3519-44347	
200-57323-A-27	3043	9.6	N	6556	86/79	Y	4345-44327	

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg) with the exception of grab samples or those using 100 or 200mL/minute flow controllers. These samples must be returned at no lower than -10"Hg, but have no specific criteria otherwise.

[2] If return pressure is not within criteria, initiate Non-Conformance Memo.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

[4] Record the Flow Controller Set Flow Rate Logbook ID and Page number in which the original FC Check was recorded

Post-Sampling Air Canister Pressure Check Record

Login # (w/ Location Code)	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gauge ID	Analyst
200-57323	02/23/21	14:56	29.1	22	G19	SML

Sampling Information and Return Equipment Check	Yes	N o	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	Yes		
(2) Is the flow controller ID used for each canister recorded?	Yes		
(3) MA MCP & NJ DKQP: Check return flow rate for flow controllers		N o	
(4) Is visible sign of damage to canister and/or flow controller (FC) present?		N o	
If damage observed, list equipment IDs and describe condition:			

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Check[4] Reference	FC Return (Y/N)	Can Cert Batch ID	Comments
200-57323-A-1	3265	-4.1	N	5344	86/79	Y	4345-44327	

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg) with the exception of grab samples or those using 100 or 200mL/minute flow controllers. These samples must be returned at no lower than -10"Hg, but have no specific criteria otherwise.

[2] If return pressure is not within criteria, initiate Non-Conformance Memo.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

[4] Record the Flow Controller Set Flow Rate Logbook ID and Page number in which the original FC Check was recorded

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660.1990 fax 802.660.1919

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

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TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact Information	Client Project Manager: Kathy Willy	Samples Collected By: TMW/JMS	COC No: 1 of 3 COCs
Company Name: GMC Holdings	Phone: (716) - 205 - 1942		TALS Project #:
Address:	Email: Kathleen.willy@ghd.com		For Lab Use Only:
City/State/Zip Rochester, NY			Walk-in Client:
Phone:	Site Contact: James Hamstreet		Lab Sampling:
FAX:	Tel/Fax (315) 462-2391		Job / SDG No.:
Project Name: Site 255 GMCH	Analysis Turnaround Time		(See below for Add'l Items)
Site/Location: 1000 Lexington Ave	Standard (Specific): Standard		
PO # 05&507-255015	Rush (Specify):		

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14/15 (Standard / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
VU9-SV-021621-0855	2/16	0855	2/16	1655	30.0	8.5	3786	2892		X								X					
VU9-IA-021621-0855		0855		1555	29.0	5.5	3119	2902		X							X						
AA01-021621-1100		1100		1800	24.0	5.0	6561	5414		X							X						
SS13-SV-021621-0945		0945		1607	29.0	5.5	3048	3497		X								X					
SS13-IA-021621-1130		1130		1805	29.0	11.0	4042	2683		X							X						
SS37-SV-021621-1020		1020		1725	28.0	7.5	4195	3540		X								X					
SS37-IA-021621-1020		1020		1725	31.0	9.5	4053	4136		X							X						
HH37-SV-021621-1045		1045		1745	28.0	5.0	3955	5138		X								X					
HH37-IA-021621-1045		1045		1745	28.0	8.5	5219	5164		X							X						
AA3-021821-1020	2/18	1020	2/18	1820	31.0	13.0	7258	4812		X							X						

Temperature (Fahrenheit)		
	Interior	Ambient
Start		
Stop		28

Pressure (inches of Hg)		
	Interior	Ambient
Start		
Stop		29.79

200-57323 Chain of Custody

s: conley@haleyaldrich.com on report

Samples Shipped by: T. Willis	Date / Time: 2/19/21 12:00	Samples Received by: [signature] FAB 2/23/21 1100
Samples Relinquished by:	Date / Time:	Received by:
Relinquished by:	Date / Time:	Received by:
Lab Use Only: Shipper Name:	Opened by:	Condition:

Form No. CA-C-WI-003, Rev. 2.27, dated 12/15/2020

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660.1990 fax 802.660.1919

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

eurofins | Environment Testing America

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact Information	**Client Project Manager:** Kathy Willy	**Samples Collected By:** TMW/JMS	COC No: 2 of 3 COCs
Company Name: GMC Holdings	**Phone:** (716) -205 - 1942		TALS Project #:
Address:	**Email:** Kathleen.willy@ghd.com		**For Lab Use Only:** Walk-in Client:
City/State/Zip Rochester, NY			Lab Sampling:
Phone:	**Site Contact:** James Hartnett		Job / SDG No.:
FAX:	**Tel/Fax** (315) 463-2391		(See below for Add'l Items)
Project Name: Site 255 GMCH	**Analysis Turnaround Time**		
Site/Location: 1000 Lexington Ave	Standard (Specific): Standard		
P O # 0585507-255015	Rush (Specifiy):		

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14/15 (Standard / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	*Sample Type*	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
YF25-SV-021721-0830	2/17	0830	2/17	1535	29.0	8.0	5226	3074		X								X					
YF25-IA-021721-0830		0830		1535	29.0	6.0	4035	4340		X							X						
NN58-SV-021721-0855		0855		1640	30.0	8.0	3946	3400443		X								X					
NN58-IA-021721-0845		0845		1640	30.0	9.0	5176	5098		X							X						
CC60-IA-021721-0908		0908		1708	30.0	8.0	7306	5632		X							X						
AA2-021721-0950		0950		1717	31.0	8.0	3107	2843		X							X						
DD31-IA-021721-1015		1015		1724	31.0	10.0	3480	5121		X							X						
KK35-IA-021721-1015		1015		1730	30.0	8.0	4045	4826		X							X						

Temperature (Fahrenheit)			
Start	Interior	Ambient	
Stop		36	

Pressure (inches of Hg)			
Start	Interior	Ambient	
Stop		29.85	

Special Instructions/QC Requirements & Comments:
please cc dconley@haleyaldrich.com on report

Samples Shipped by: T. Willis	**Date / Time:** 2/19/21 12:00	**Samples Received by:** FAB	2/23/21 1100
Samples Relinquished by:	**Date / Time:**	**Received by:**	
Relinquished by:	**Date / Time:**	**Received by:**	
Lab Use Only: **Shipper Name:**	**Opened by:**	**Condition:**	

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660.1990 fax 802.660.1919

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

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TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact Information		Client Project Manager: Kathy Lacilly	Samples Collected By: TMW/JMS	COC No: 3 of 3 COCs
Company Name:	GM C Holdings	Phone: (716) -205 -1942		TALS Project #:
Address:		Email: kathleen.m.lilly@ghd.com		For Lab Use Only: Walk-in Client: / Lab Sampling:
City/State/Zip	Rochester, NY	Site Contact: James Hartnett		Job / SDG No.:
Phone:		Tel/Fax (315) 463- 2391		(See below for Add'l Items)
FAX:		Analysis Turnaround Time		
Project Name:	Site 255 GMCH	Standard (Specific): Standard		
Site/Location:	1000 Lexington Ave	Rush (Specifiy):		
P O #	058507-255015			

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14/15 (Standard / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
W25 - SV - 021821 - 0840	2/18	0840	2/18	1600	30.0	9.0	3933	7701		X								X					
W25 - IA - 021821 - 0840		0840		1545	32.0	5.5	3702	4304		X							X						
G29 - IA - 021821 - 0925		0925		1640	30.0	8.0	3110	34601126		X							X						
G29 - SV - 021821 - 0925		0925		1500	22.0	5.0	8670	5636		X								X					
E17 - IA - 021821 - 0950		0950		1715	33.0	11	3683	6309		X							X						
E17 - SV - 021821 - 0950		0950		1715	32.0	6.5	3698	2687		X								X					
G3 - IA - 021821 - 1100		1100		1736	25.0	5.0	6558	5139		X							X						
G3 - SV - 021821 - 1100		1100		1730	28.0	7.0	6012	4785		X								X					
J41 - SV - 021821 - 1112		1112		1812	29.0	9.0	6556	3043		X								X					
J41 - IA - 021821 - 1112		1112		1650	32.0	5.0	5344	3265		X							X						

Temperature (Fahrenheit)	Interior	Ambient
Start		
Stop		25

Pressure (inches of Hg)	Interior	Ambient
Start		
Stop		30.36

Special Instructions/QC Requirements & Comments:
Please cc dconley@huleyabbrish.com on report

Samples Shipped by: T. Williams	**Date / Time:** 2/19/21 12:00	**Samples Received by:** FAZa	2/23/21 1100
Samples Relinquished by:	**Date / Time:**	**Received by:**	
Relinquished by:	**Date / Time:**	**Received by:**	
Lab Use Only: **Shipper Name:**	**Opened by:**	**Condition:**	

Form No. CA-C-WI-003, Rev. 2.27, dated 12/15/2020

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2. **Fold the printed label at the solid line below.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

3. **GETTING YOUR SHIPMENT TO UPS**
   Customers with a Daily Pickup
   Your driver will pickup your shipment(s) as usual.

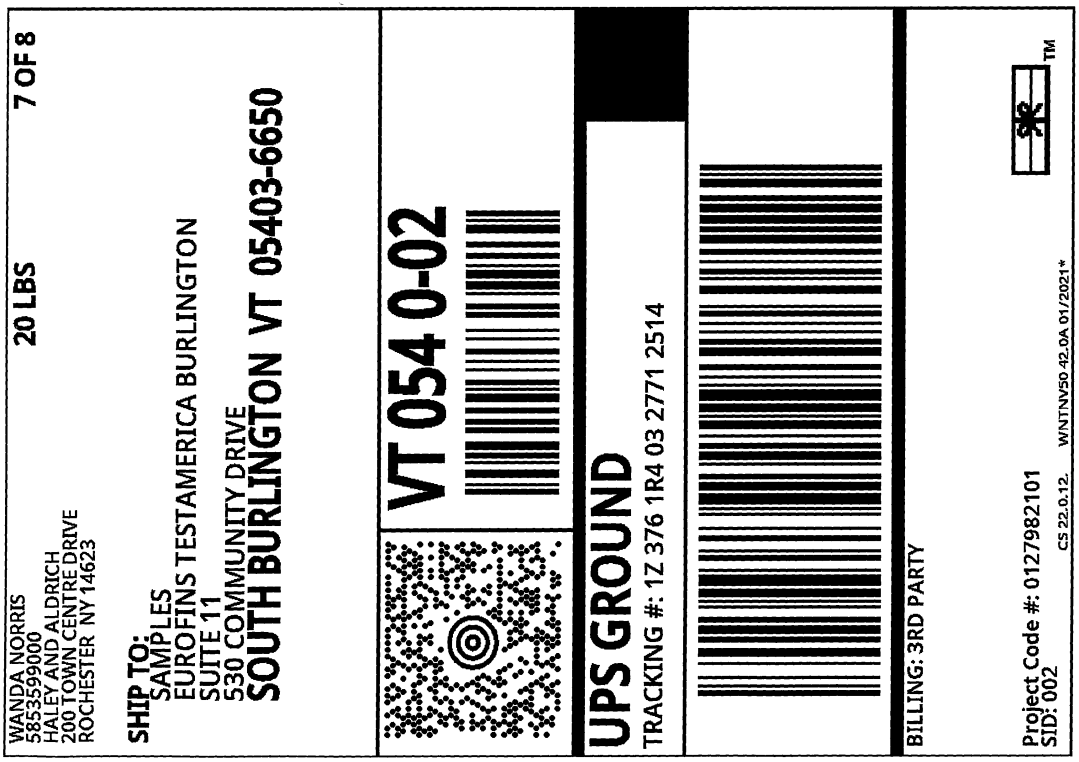
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   Take your package to any location of The UPS Store®, UPS Access Point(TM) location, UPS Drop Box, UPS Customer Center, Staples® or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.
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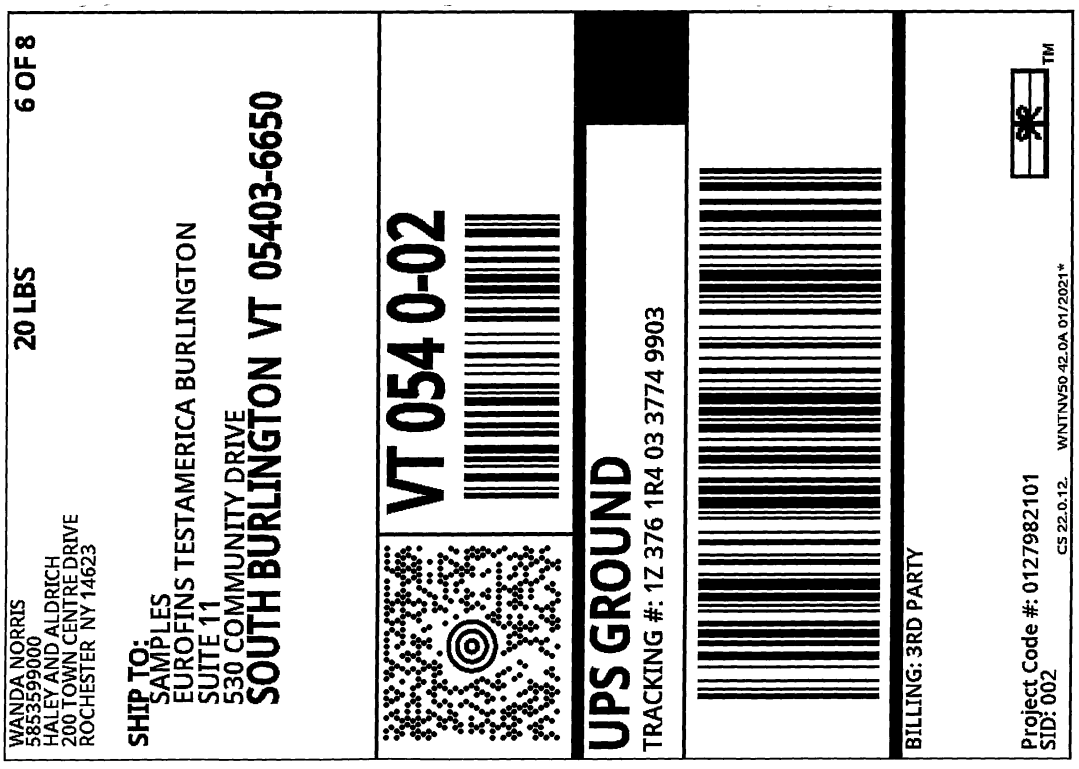
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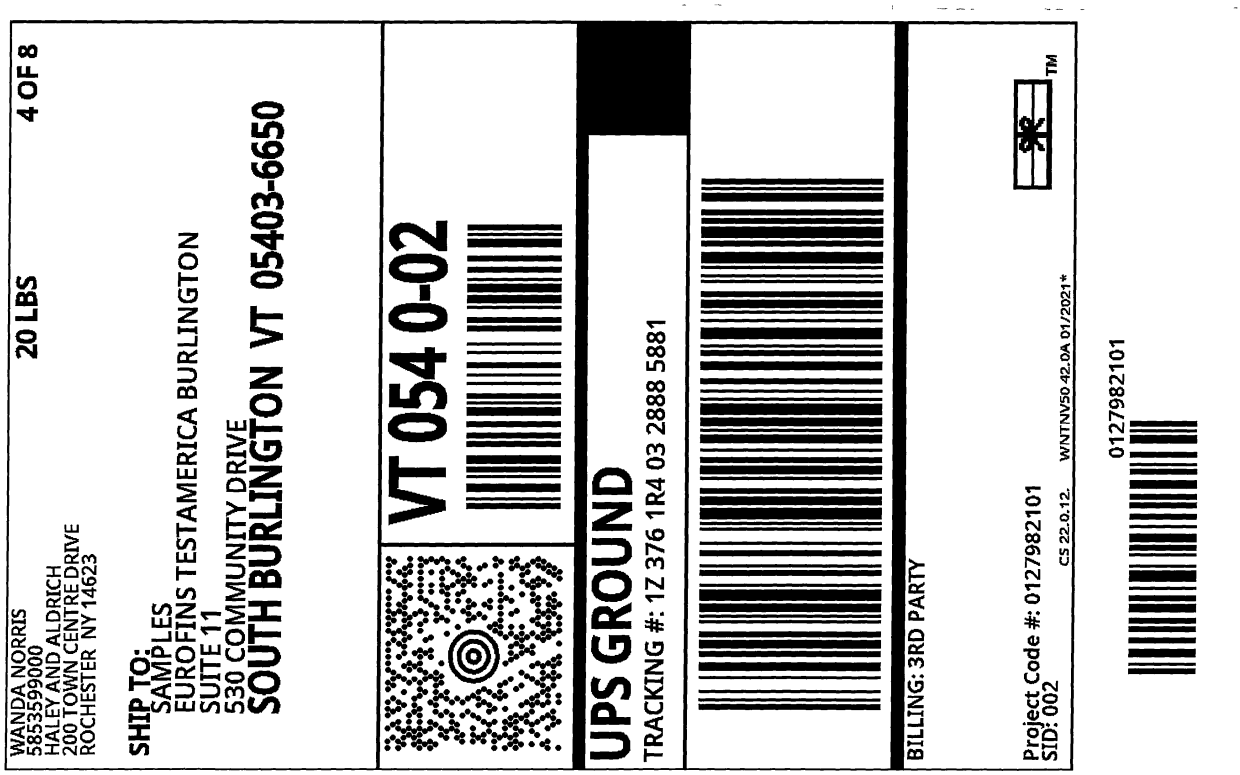
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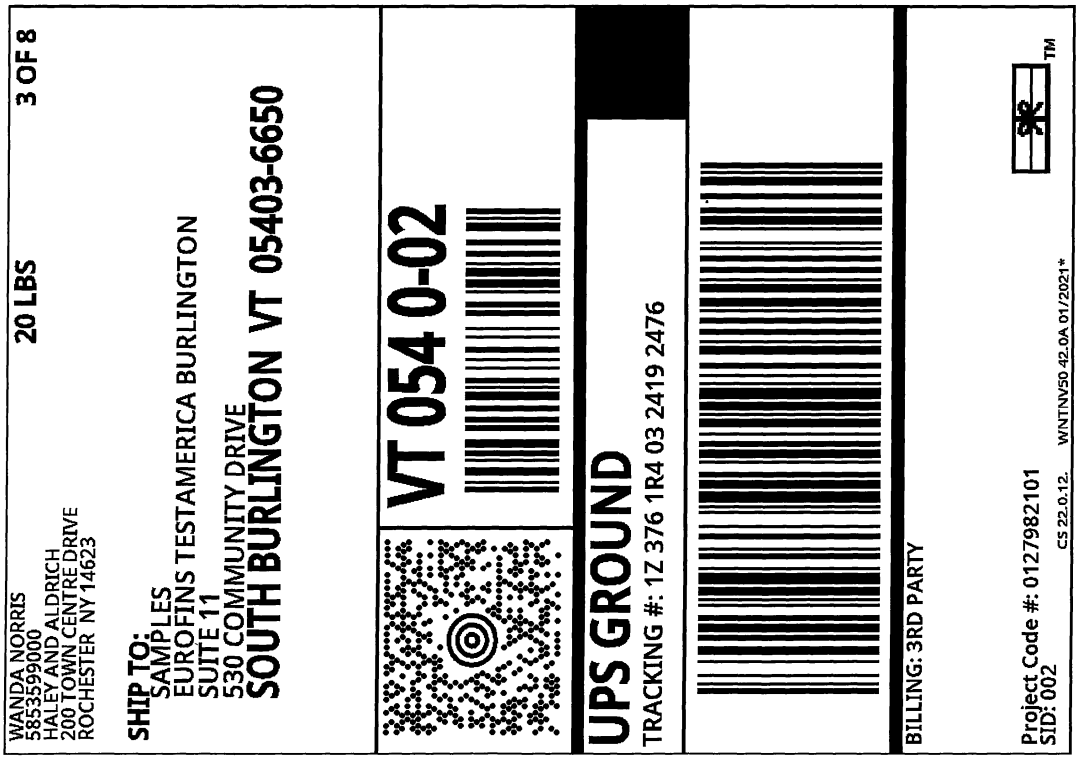
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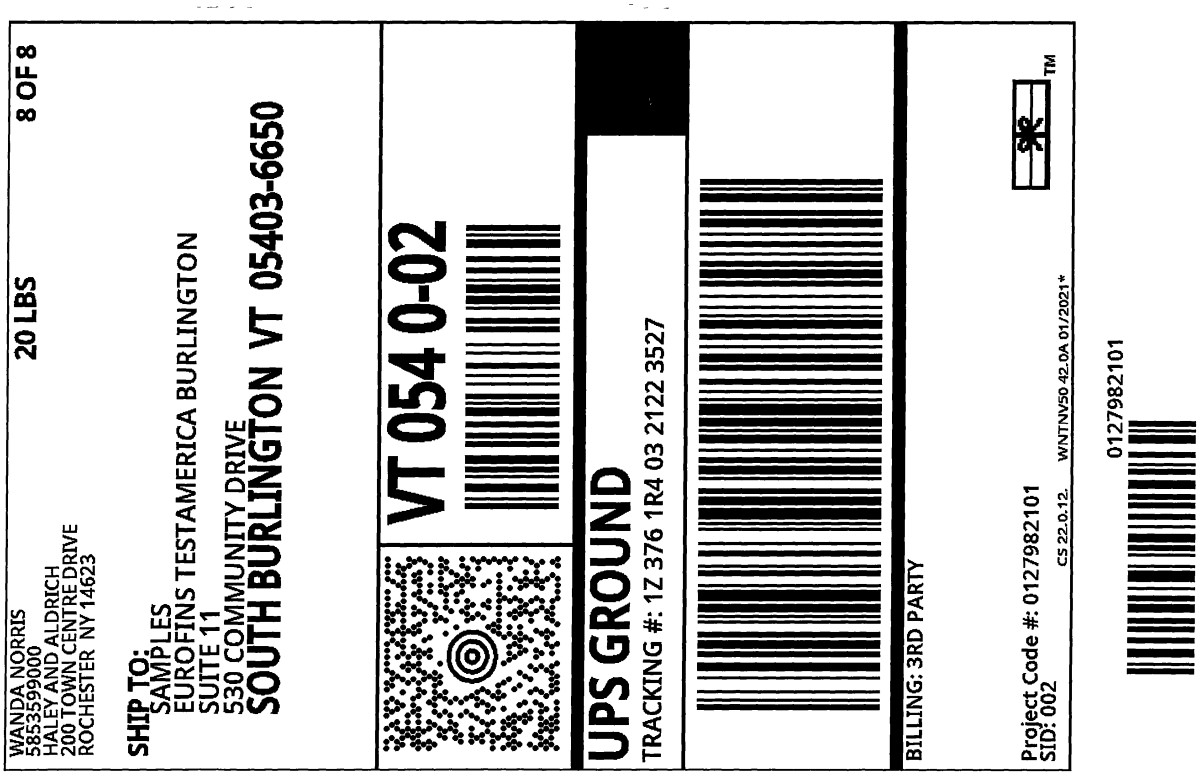
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Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 200-57323-1

Login Number: 57323
List Number: 1
Creator: Lavigne, Scott M

List Source: Eurofins TestAmerica, Burlington

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	NA: Lab does not accept radioactive samples
The cooler's custody seal, if present, is intact.	True	No: Not present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	No: Thermal preservation not required
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	N/A	No: Thermal preservation not required
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Top Rack	10	25	12/22/2020	1404	22	22	SML	6 liter	batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	4304	103	103	0	29.7	G26	12/23/20	1222	SL	22.0	G26	1/23/21	1331	SL	21.0
2	5049		103	0		G26					G26				
3	2683		103	0		G26					G26				
4	7701		103	0		G26					G26				
5	5414		103	0		G26					G26				
6	4345	103	103	0	29.7	G26	11/23/20	1406	SL	21.0	G26	1/24/21	1342	SL	21.0
7	5632	103	103	0	29.7	G26	12/23/20	1222	SL	22.0	G26	1/23/21	1331	SL	21.0
8	3043		103	0		G26					G26				
9	5121		103	0		G26					G26				
10	4826		103	0		G26					G26				
11	3265		103	0		G26					G26				
12	34001434		103	0		G26					G26				

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Review
4345	12/30/2020	BRC4327			XXXXXX				12/30/2020	GGG

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

Form ID: FAI023:12
Revision Date: 12/18/2018

200-56640-A-6
4345
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 12/22/2020 12:00 AM 200-1456154

Loc: 200
56640
#6 A
Air-Storag

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Bottom Rack	10	25	12/23/2020	1318	22	22	SML	6 liter	batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	5098	103	102	.19	29.7	G26	12/24/20	1015	S—	22.0	G26	1/23/21	1301	S—	21.0
2	2843	"	103	0	"	G26	"	"	"	"	G26	"	"	"	"
3	4340	"	103	0	"	G26	"	"	"	"	G26	"	"	"	"
4	5138	"	103	0	"	G26	"	"	"	"	G26	"	"	"	"
5	3540	"	103	0	"	G26	"	"	"	"	G26	"	"	"	"
6	6309	"	103	0	"	G26	"	"	"	"	G26	"	"	"	"
7	4087	103	103	0	29.7	G26	1/23/20	1338	S—	21.0	G26	1/24/21	1342	S—	21.0
8	5166	103	103	0	29.7	G26	12/24/20	1115	S—	22.0	G26	1/23/21	1301	S—	21.0
9	2902	"	103	0	"	G26	"	"	"	"	G26	"	"	"	"
10	3497	"	103	0	"	G26	"	"	"	"	G26	"	"	"	"
11	4136	"	103	0	"	G26	"	"	"	"	G26	"	"	"	"
12	3074	"	103	0	"	G26	"	"	"	"	G26	"	"	"	"

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☒ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Revie
4087	1/7/21	414327	KPJ		XXXXXXX				1/7/21	[illegible]

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

200-56656-A-7
4087
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 12/23/2020 12:00 AM 200-1456594

Loc: 200
56656
#7 A
Air-Storag

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Top Rack	10	25	12/28/2020	1250	22	22	SML	6 liter	batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	6265	1.03	1.03	0	29.7	G26	12/29/20	1204	SML	22.0	G26	1/23/21	1439	S—	21.0
2	34001126	"	1.03	0	"	G26	"	"	"	"	G26	"	"	"	"
3	5146	"	1.03	0	"	G26	"	"	"	"	G26	"	"	"	"
4	2687	"	1.03	0	"	G26	"	"	"	"	G26	"	"	"	"
5	5164	"	1.03	0	"	G26	"	"	"	"	G26	"	"	"	"
6	6259	"	1.03	0	"	G26	"	"	"	"	G26	"	"	"	"
7	5636	"	1.03	0	"	G26	"	"	"	"	G26	"	"	"	"
8	2892	"	1.03	0	"	G26	"	"	"	"	G26	"	"	"	"
9	4812	"	1.03	0	"	G26	"	"	"	"	G26	"	"	"	"
10	4785	"	1.03	0	"	G26	"	"	"	"	G26	"	"	"	"
11	3519	1.03	1.03	0	29.7	G26	1/23/21	1517	S—	21.0	G26	1/24/21	1342	S—	21.0
12	5139	1.03	1.03	0	29.7	G26	12/29/20	1204	SML	22.0	G26	1/23/21	1439	S—	21.0

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☒ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Reviewer
3519	1/7/21	443447	VTP		XXXXXXX				1/7/21	TAB

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

Form ID: FAI023:12
Revision Date: 12/18/2018

200-56693-A-11
3519
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 12/28/2020 12:00 AM 200-1457344
Loc: 200
56693
#11 A
Air-Storag

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56640-1

SDG No.:

Client Sample ID: 4345 Lab Sample ID: 200-56640-6

Matrix: Air Lab File ID: 200-44277-006.D

Analysis Method: TO-15 Date Collected: 12/22/2020 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/30/2020 15:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 162598 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.40	U	0.40	0.40
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U *+	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56640-1

SDG No.:

Client Sample ID: 4345 Lab Sample ID: 200-56640-6

Matrix: Air Lab File ID: 200-44277-006.D

Analysis Method: TO-15 Date Collected: 12/22/2020 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/30/2020 15:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 162598 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U *+	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.70	U	0.70	0.70
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56640-1

SDG No.:

Client Sample ID: 4345 Lab Sample ID: 200-56640-6

Matrix: Air Lab File ID: 200-44277-006.D

Analysis Method: TO-15 Date Collected: 12/22/2020 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/30/2020 15:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 162598 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D
Lims ID: 200-56640-A-6
Client ID: 4345
Sample Type: Client
Inject. Date: 30-Dec-2020 15:39:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0044277-006
Misc. Info.: 56640-06
Operator ID: ggg Instrument ID: CHG.i

Method: \\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\TO15_MasterMethod_(v1)_G.m
Limit Group: AI_TO15_ICAL
Last Update: 31-Dec-2020 09:51:45 Calib Date: 09-Dec-2020 17:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-009.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1640

First Level Reviewer: puangmaleek Date: 31-Dec-2020 09:51:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		3.054				ND	U
2 Dichlorodifluoromethane	85		3.107				ND	7
3 Chlorodifluoromethane	51		3.123				ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.321				ND	7
5 Chloromethane	50		3.391				ND	7
7 Vinyl chloride	62		3.583				ND	7
6 Butane	43		3.589				ND	7
8 Butadiene	54		3.658				ND	U
10 Bromomethane	94		4.129				ND	
11 Chloroethane	64		4.311				ND	
13 Vinyl bromide	106		4.627				ND	7
14 Trichlorofluoromethane	101		4.760				ND	7
17 Ethanol	45		4.990				ND	7
21 1,1-Dichloroethene	96		5.622				ND	U
22 Acetone	43		5.654				ND	
20 112TCTFE	101		5.664				ND	7
24 Isopropyl alcohol	45		5.894				ND	
23 Carbon disulfide	76		6.001				ND	7
25 3-Chloro-1-propene	41		6.231				ND	7
27 Methylene Chloride	49		6.435				ND	7
28 2-Methyl-2-propanol	59		6.611				ND	
31 trans-1,2-Dichloroethene	61		6.932				ND	7
29 Methyl tert-butyl ether	73		6.948				ND	7
33 Hexane	57		7.457				ND	7
34 1,1-Dichloroethane	63		7.649				ND	7
35 Vinyl acetate	43		7.660				ND	7
38 2-Butanone (MEK)	72		8.585				ND	U
37 cis-1,2-Dichloroethene	96		8.623				ND	U
39 Ethyl acetate	88		8.698				ND	
* 40 Chlorobromomethane	128	9.030	9.029	0.001	82	105752	10.0	
41 Tetrahydrofuran	42		9.104				ND	7

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	42 Chloroform	83		9.211				ND	
	44 1,1,1-Trichloroethane	97		9.548				ND	
S	30 1,2-Dichloroethene, Total	61		9.665				ND	7
	43 Cyclohexane	84		9.719				ND	
	45 Carbon tetrachloride	117		9.853				ND	
	47 Benzene	78		10.201				ND	U
	48 1,2-Dichloroethane	62		10.260				ND	
	46 Isooctane	57		10.490				ND	
	49 n-Heptane	43		10.832				ND	7
*	50 1,4-Difluorobenzene	114	10.998	11.003	-0.005	95	590681	10.0	
	53 Trichloroethene	95		11.490				ND	7
	54 1,2-Dichloropropane	63		11.982				ND	
	55 Methyl methacrylate	69		12.116				ND	
	56 1,4-Dioxane	88		12.137				ND	7
	57 Dibromomethane	174		12.137				ND	U
	58 Dichlorobromomethane	83		12.496				ND	
	60 cis-1,3-Dichloropropene	75		13.395				ND	7
	61 4-Methyl-2-pentanone (MIBK)	43		13.689				ND	
	65 Toluene	92		14.112				ND	U
	66 trans-1,3-Dichloropropene	75		14.540				ND	7
	67 1,1,2-Trichloroethane	83		14.941				ND	7
	68 Tetrachloroethene	166		15.192				ND	7
	69 2-Hexanone	43		15.412				ND	7
	71 Chlorodibromomethane	129		15.722				ND	7
	72 Ethylene Dibromide	107		15.979				ND	7
*	74 Chlorobenzene-d5	117	16.963	16.963	0.000	89	543550	10.0	
	75 Chlorobenzene	112		17.022				ND	U
	76 Ethylbenzene	91	17.263	17.263	0.011	20	3754	0.0696	M
	78 m-Xylene & p-Xylene	106		17.530				ND	7
	79 o-Xylene	106	18.338	18.338	-0.005	1	1620	0.0807	M
	80 Styrene	104		18.375				ND	7
	81 Bromoform	173		18.718				ND	7
	82 Isopropylbenzene	105		19.130				ND	7
S	73 Xylenes, Total	106				0		0.0807	
	84 1,1,2,2-Tetrachloroethane	83		19.670				ND	7
	85 N-Propylbenzene	91		19.921				ND	7
	89 2-Chlorotoluene	91		20.066				ND	U
	88 4-Ethyltoluene	105		20.141				ND	7
	90 1,3,5-Trimethylbenzene	105		20.242				ND	U
	92 tert-Butylbenzene	119		20.761				ND	7
	93 1,2,4-Trimethylbenzene	105		20.852				ND	U
	94 sec-Butylbenzene	105		21.109				ND	U
	96 1,3-Dichlorobenzene	146		21.264				ND	U
	95 4-Isopropyltoluene	119		21.339				ND	7
	97 1,4-Dichlorobenzene	146		21.414				ND	U
	98 Benzyl chloride	91		21.564				ND	U
	100 n-Butylbenzene	91		21.911				ND	U
	101 1,2-Dichlorobenzene	146		21.911				ND	U
	103 1,2,4-Trichlorobenzene	180		24.319				ND	U
	104 Hexachlorobutadiene	225		24.586				ND	U
	105 Naphthalene	128		24.768				ND	U

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

ATTO15GIS_00017	Amount Added: 20.00	Units: mL	Run Reagent

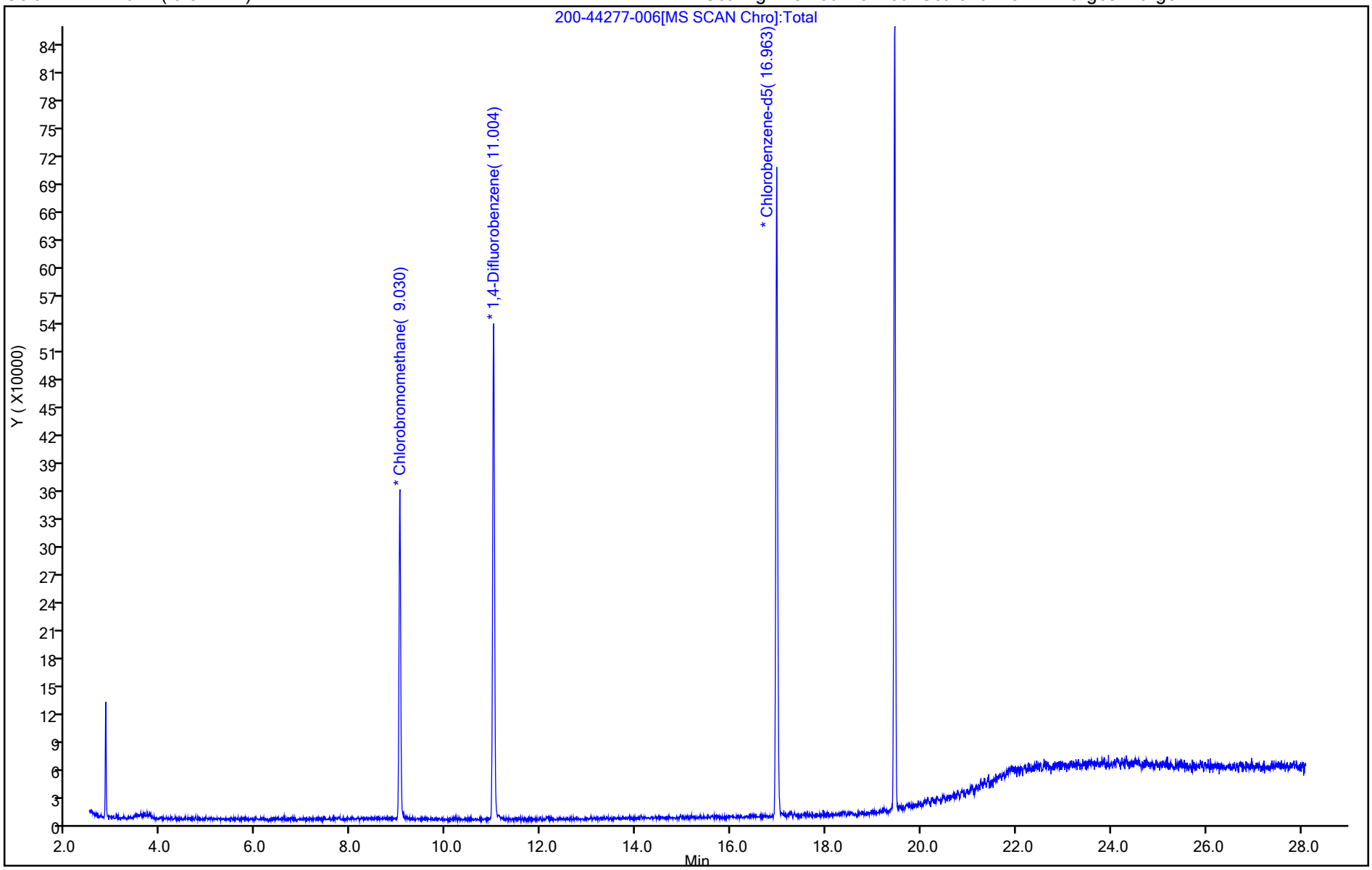
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Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D

Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i	Operator ID:	ggg
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6	Worklist Smp#:	6
Client ID:	4345				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



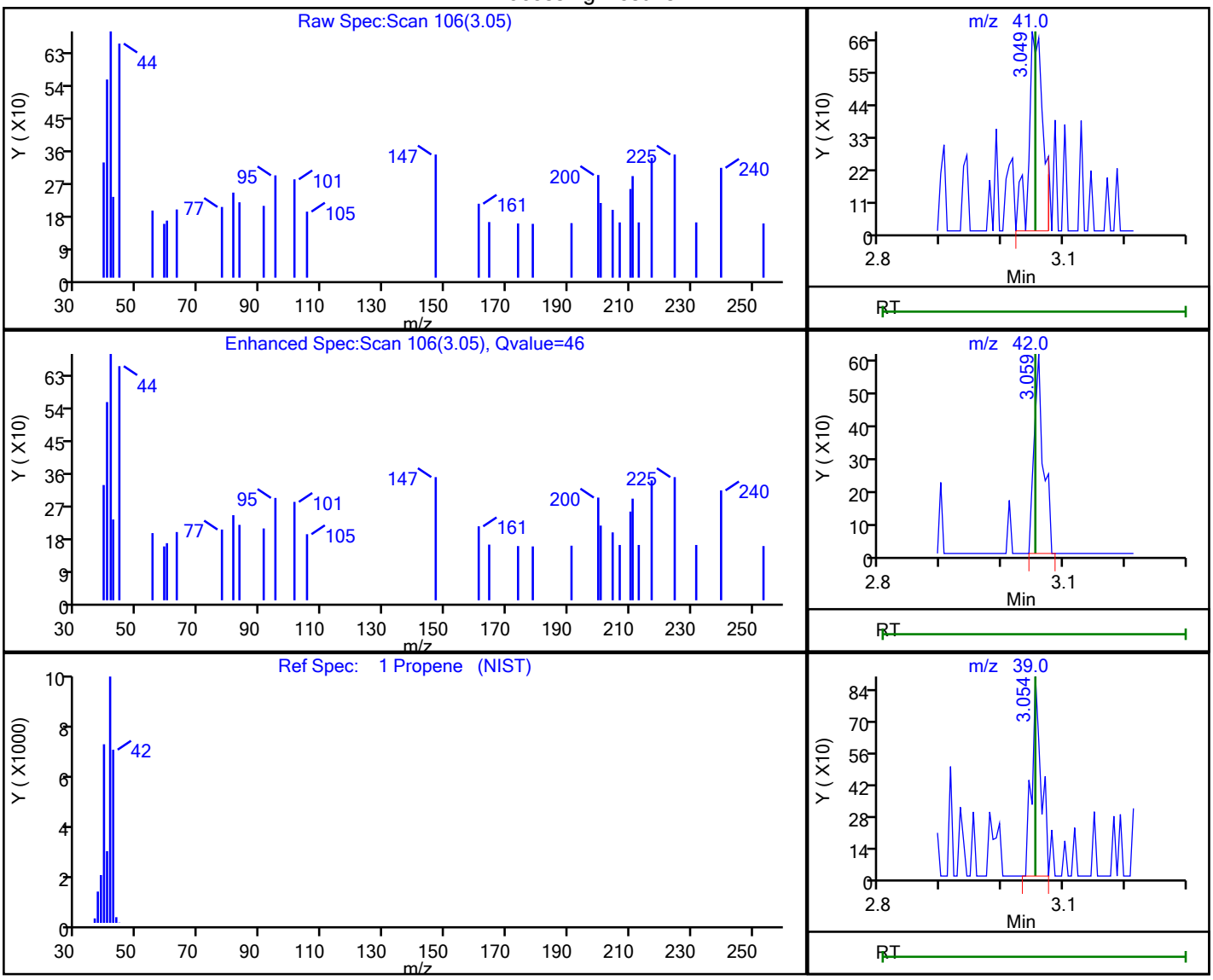
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

1 Propene, CAS: 115-07-1

Processing Results



RT	Mass	Response	Amount
3.05	41.00	1110	0.239350
3.06	42.00	645	
3.05	39.00	957	

Reviewer: puangmaleek, 31-Dec-2020 09:47:17

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

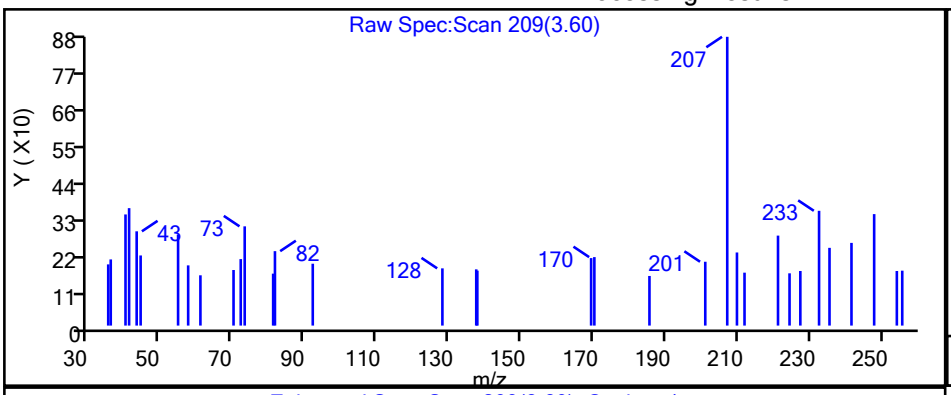
User Disabled Compound Report

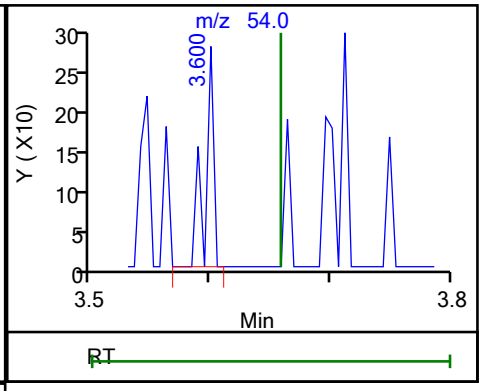
Eurofins TestAmerica, Burlington

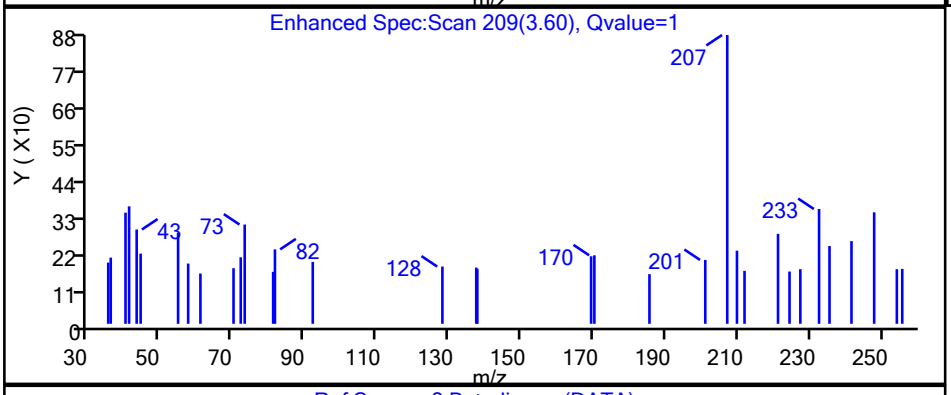
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

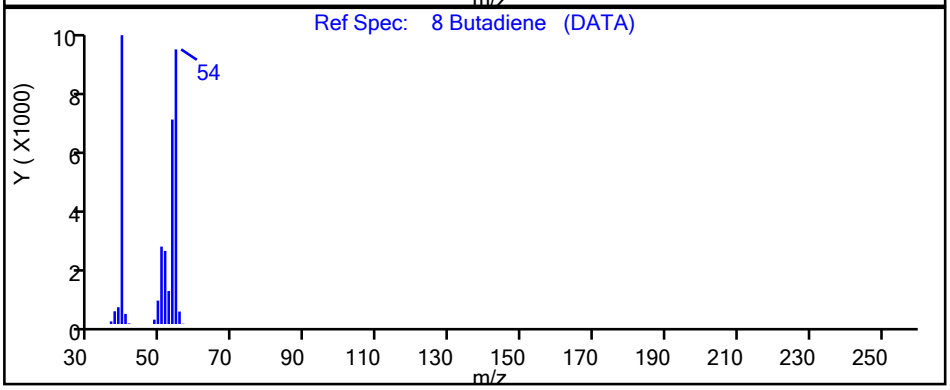
8 Butadiene, CAS: 106-99-0

Processing Results









RT	Mass	Response	Amount
3.60	54.00	136	0.030026

Reviewer: puangmaleek, 31-Dec-2020 09:47:23

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

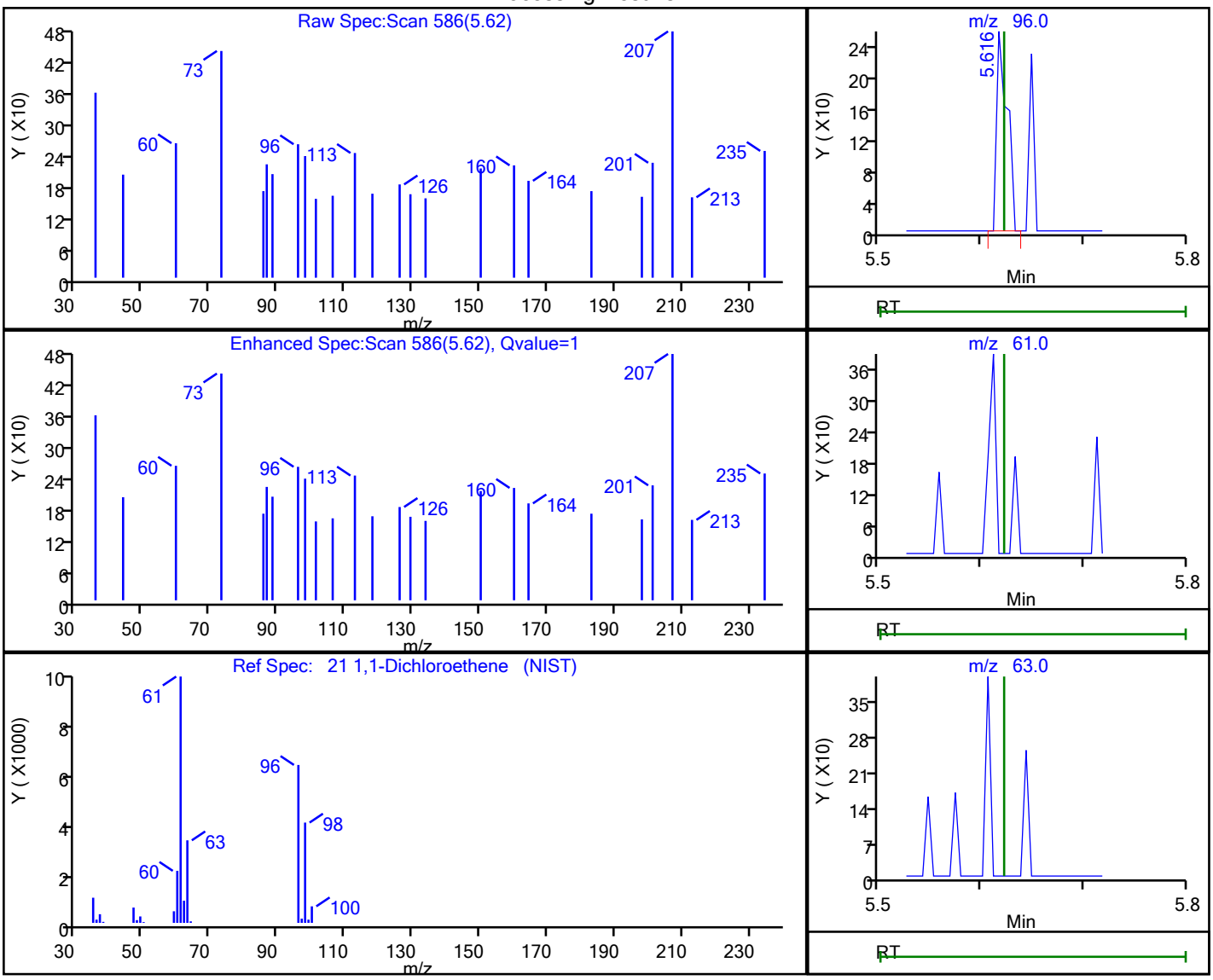
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

21 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
5.62	96.00	185	0.021150
5.62	61.00	0	
5.62	63.00	0	

Reviewer: puangmaleek, 31-Dec-2020 09:47:27

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

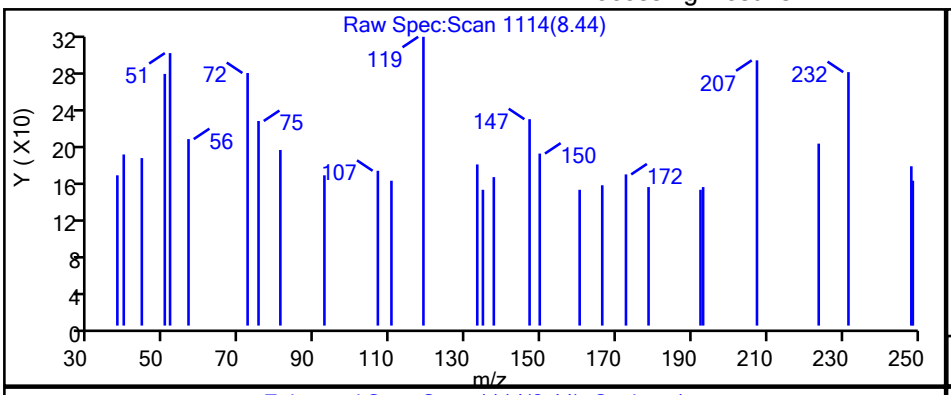
User Disabled Compound Report

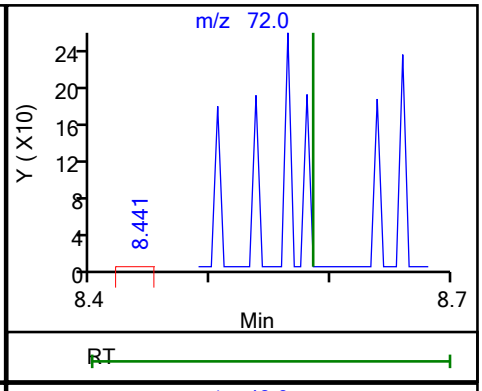
Eurofins TestAmerica, Burlington

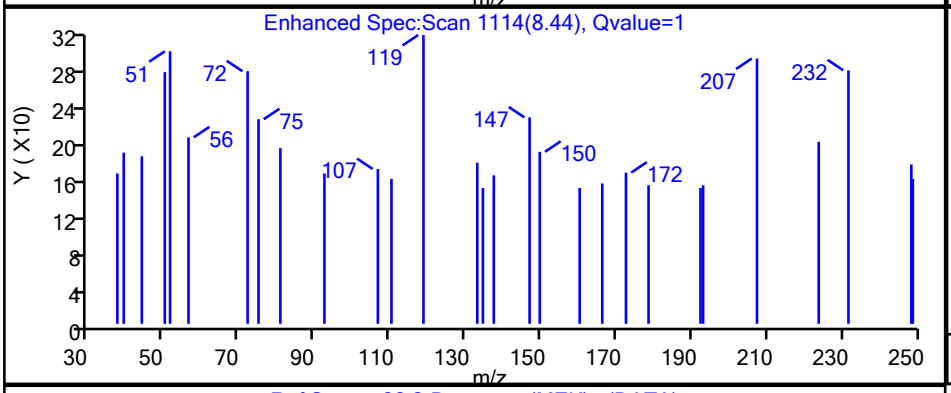
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

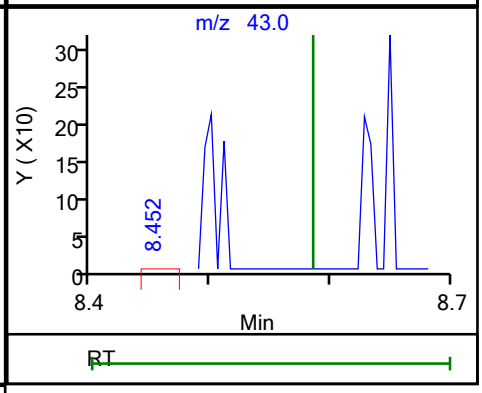
38 2-Butanone (MEK), CAS: 78-93-3

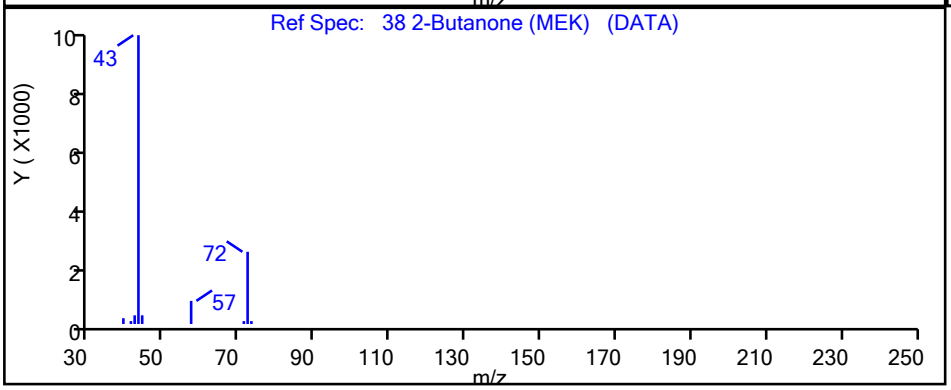
Processing Results











RT	Mass	Response	Amount
8.44	72.00	160	0.053554
8.45	43.00	192	

Reviewer: puangmaleek, 31-Dec-2020 09:47:38

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

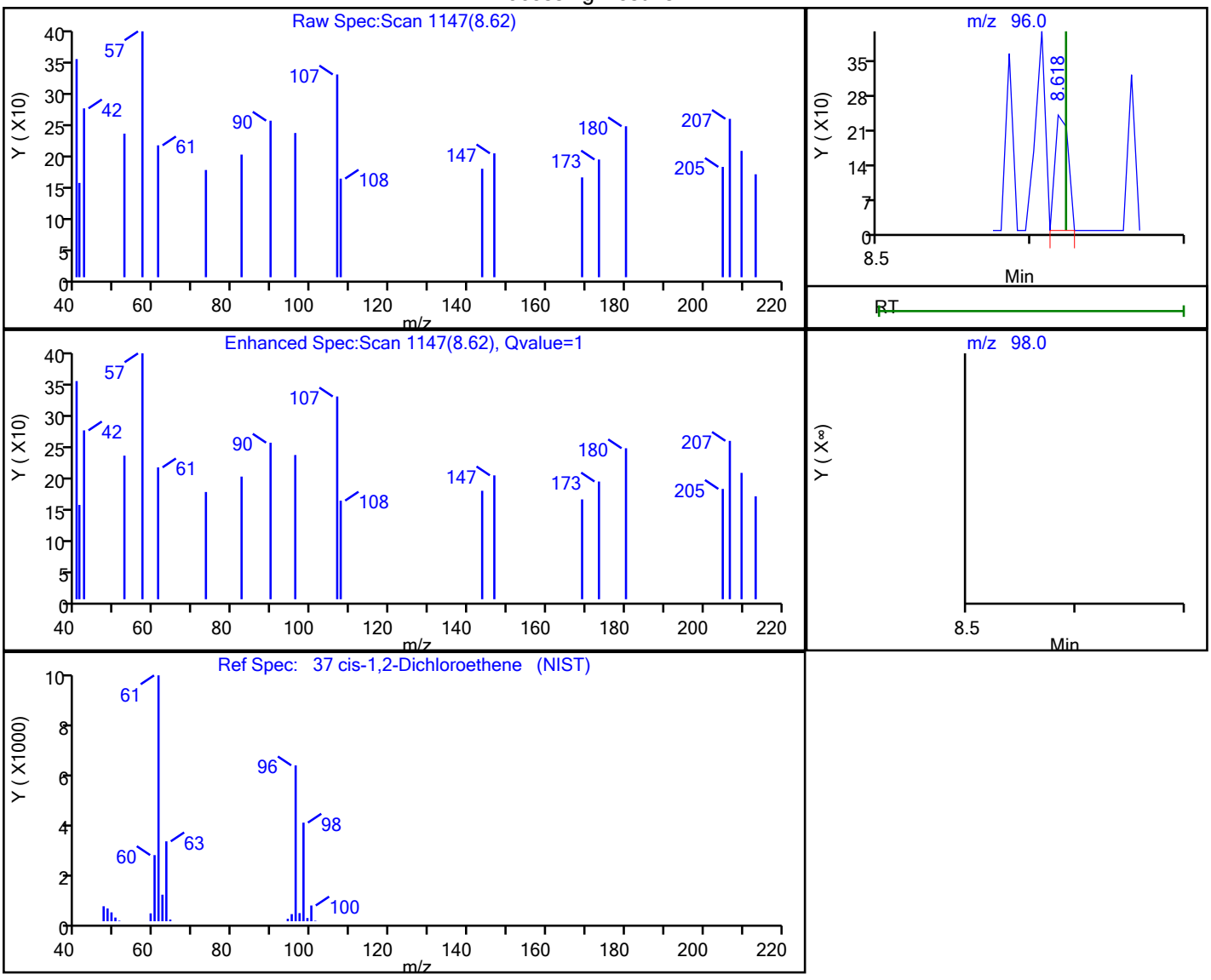
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

37 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results



RT	Mass	Response	Amount
8.62	96.00	143	0.015338
8.62	98.00	0	

Reviewer: puangmaleek, 31-Dec-2020 09:47:41

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

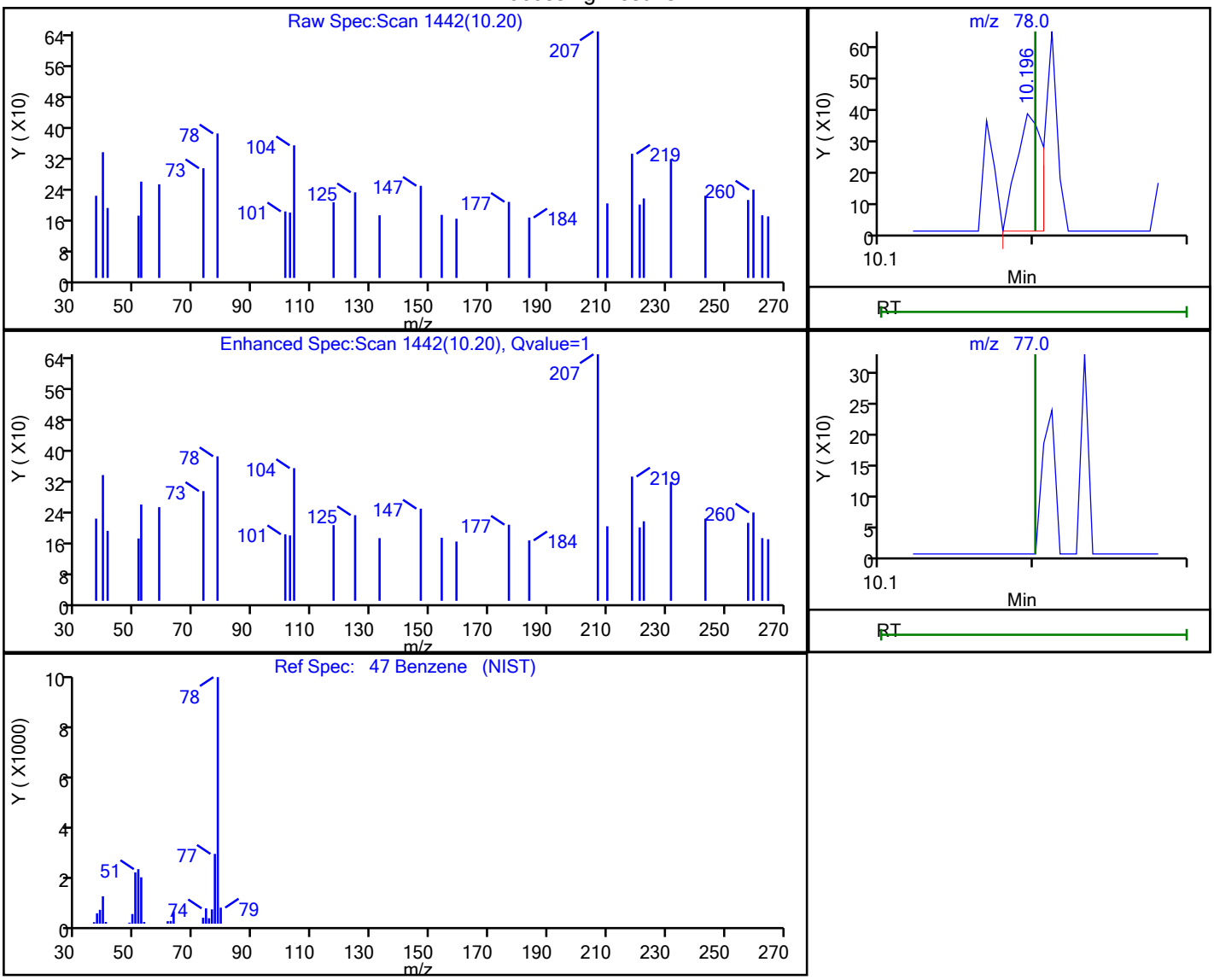
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
10.20	78.00	448	0.015827
10.20	77.00	0	

Reviewer: puangmaleek, 31-Dec-2020 09:47:50

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

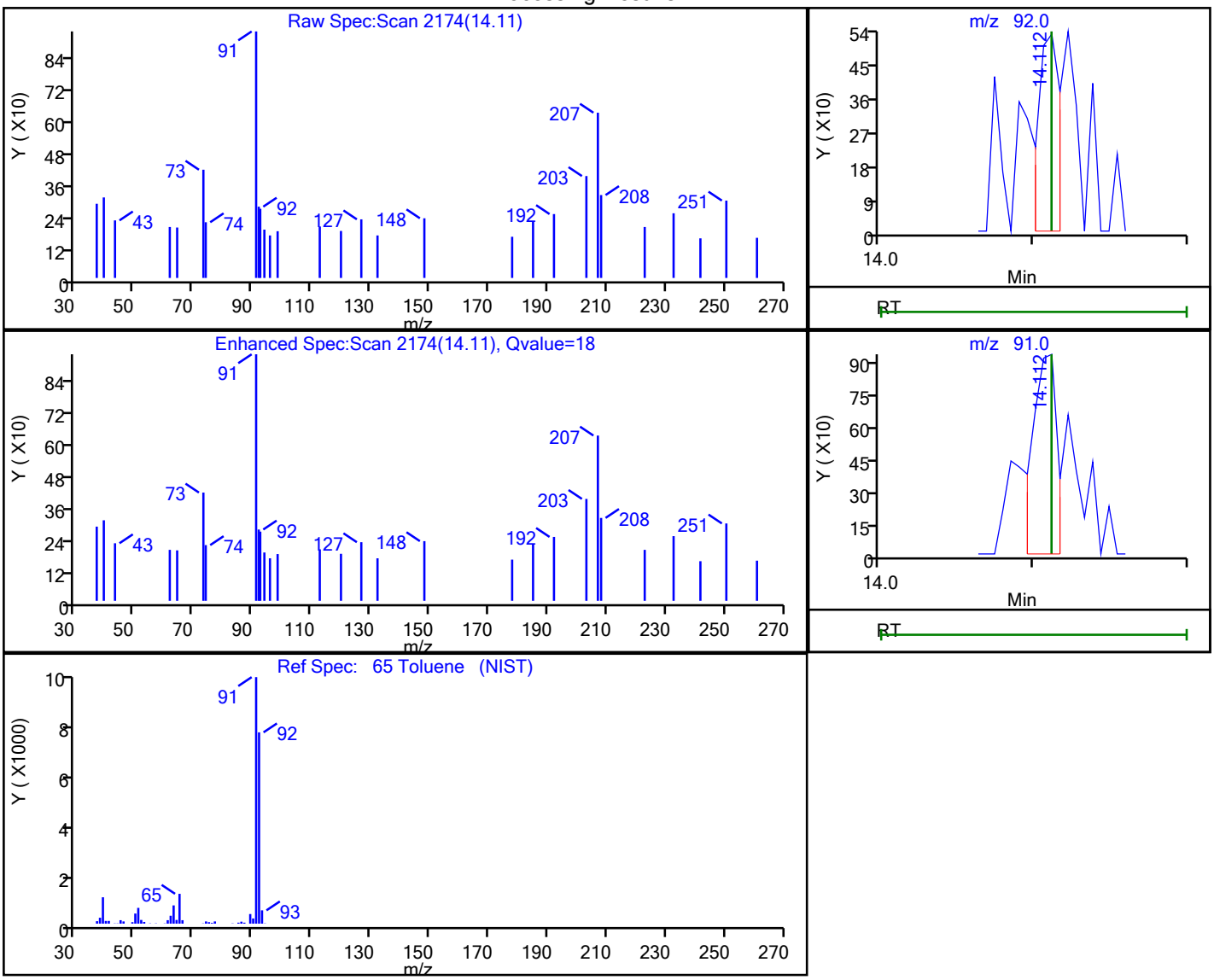
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

65 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
14.11	92.00	525	0.021981
14.11	91.00	1043	

Reviewer: puangmaleek, 31-Dec-2020 09:48:08

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

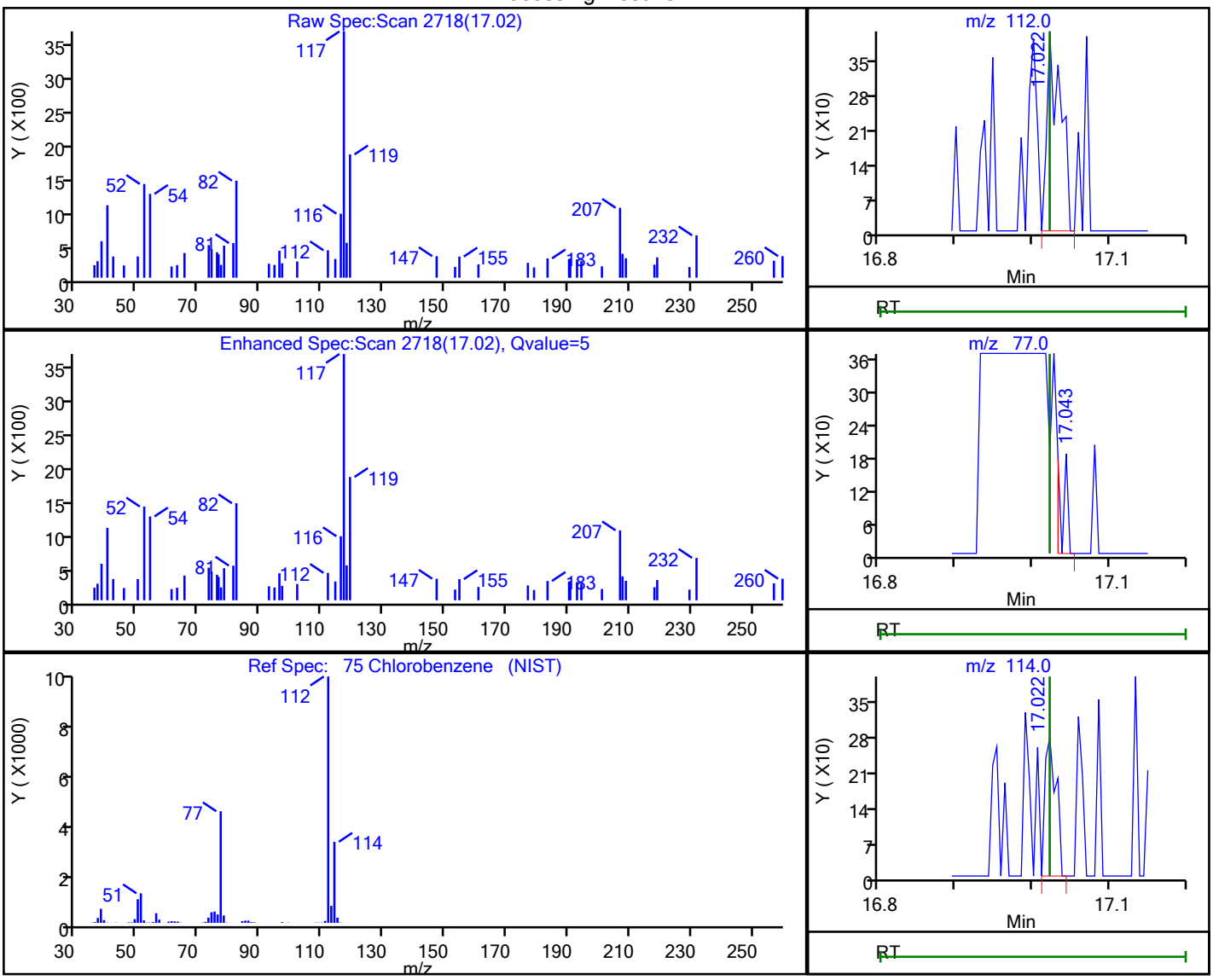
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

75 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
17.02	112.00	505	0.014727
17.04	77.00	114	
17.02	114.00	282	

Reviewer: puangmaleek, 31-Dec-2020 09:49:30

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

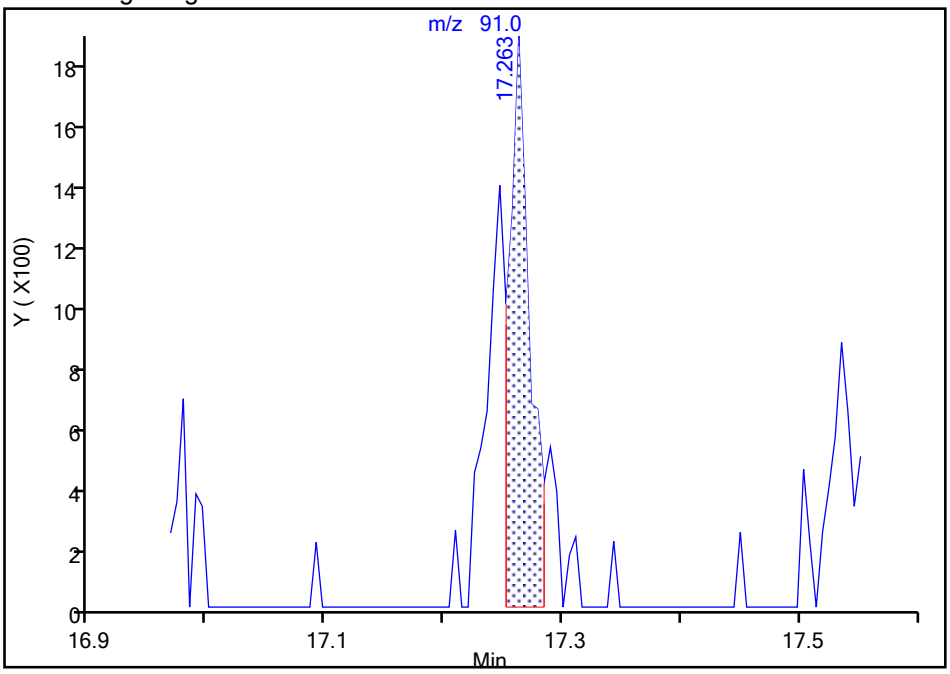
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Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

76 Ethylbenzene, CAS: 100-41-4

Signal: 1

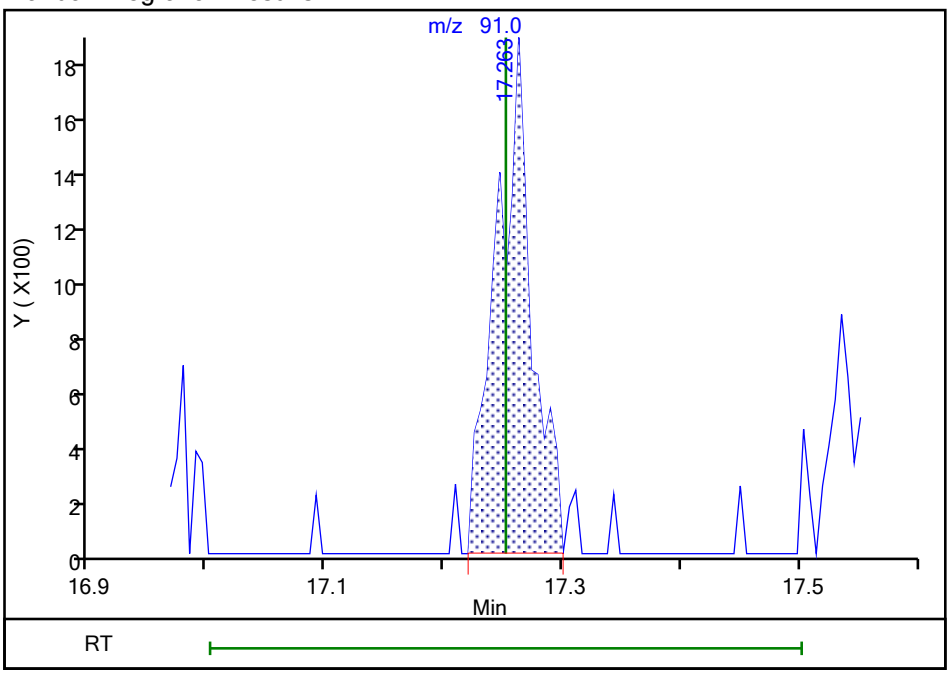
Processing Integration Results

RT: 17.26
Area: 2235
Amount: 0.041413
Amount Units: ppb v/v



Manual Integration Results

RT: 17.26
Area: 3754
Amount: 0.069559
Amount Units: ppb v/v



Reviewer: puangmaleek, 31-Dec-2020 09:49:49

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

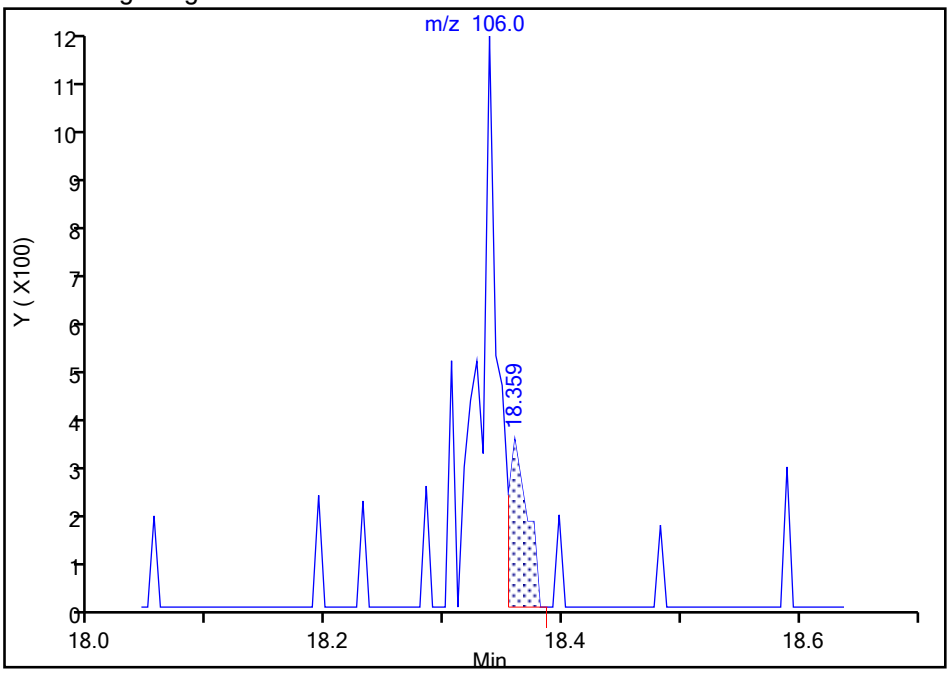
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Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

79 o-Xylene, CAS: 95-47-6

Signal: 1

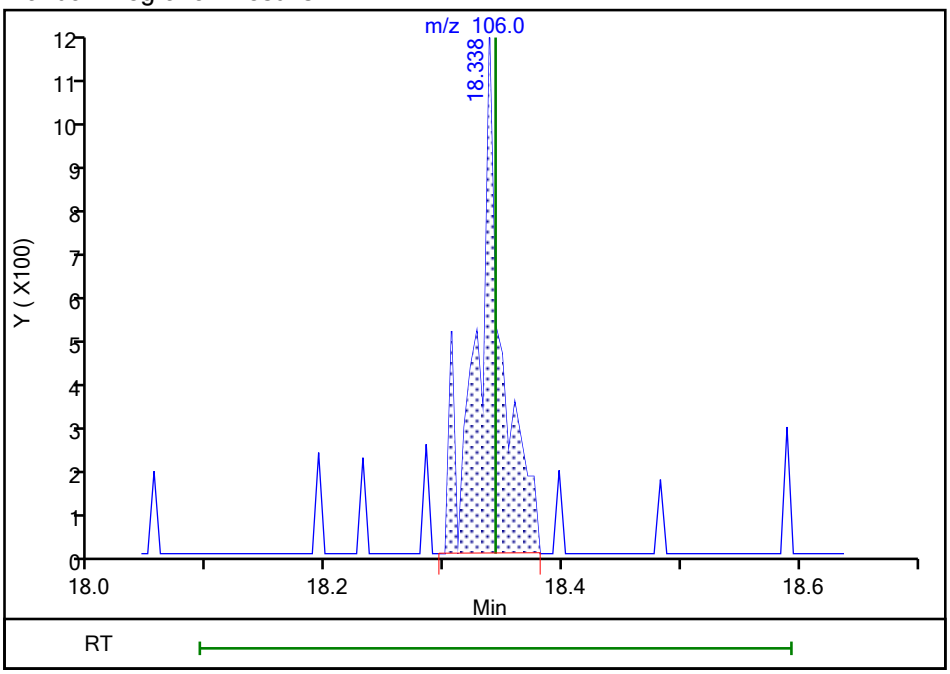
Processing Integration Results

RT: 18.36
Area: 360
Amount: 0.017932
Amount Units: ppb v/v



Manual Integration Results

RT: 18.34
Area: 1620
Amount: 0.080693
Amount Units: ppb v/v



Reviewer: puangmaleek, 31-Dec-2020 09:50:15
Audit Action: Manually Integrated Audit Reason: Assign Peak

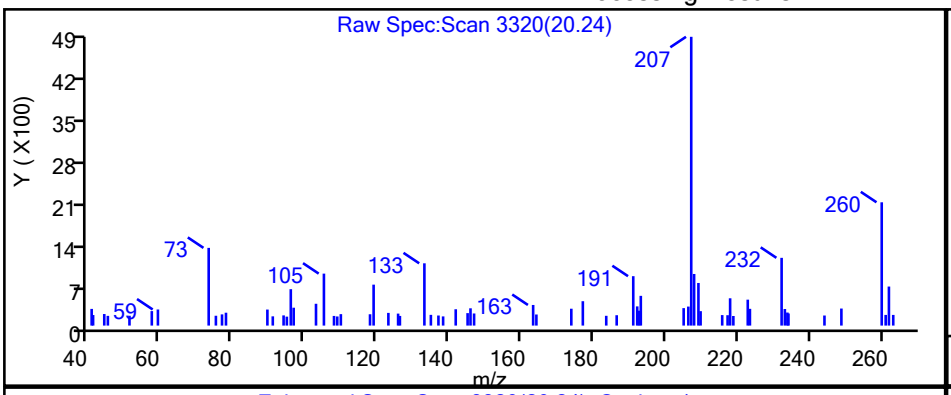
User Disabled Compound Report

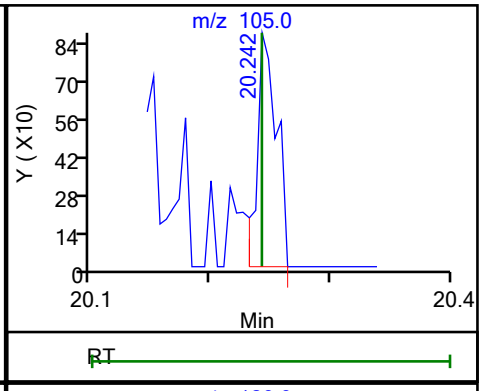
Eurofins TestAmerica, Burlington

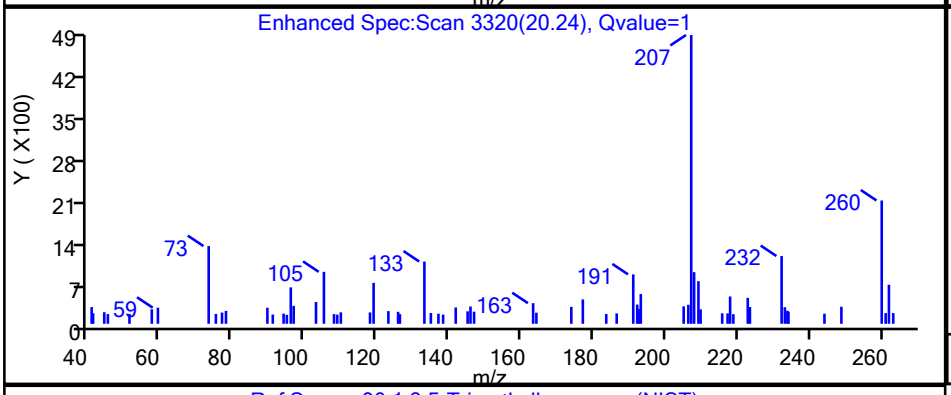
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

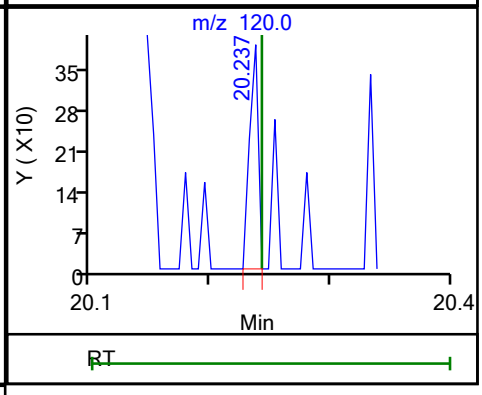
90 1,3,5-Trimethylbenzene, CAS: 108-67-8

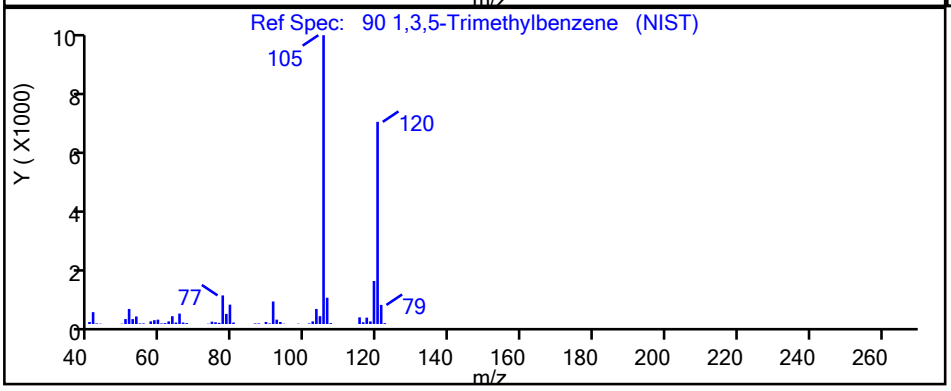
Processing Results











RT	Mass	Response	Amount
20.24	105.00	982	0.019922
20.24	120.00	199	

Reviewer: puangmaleek, 31-Dec-2020 09:50:35

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

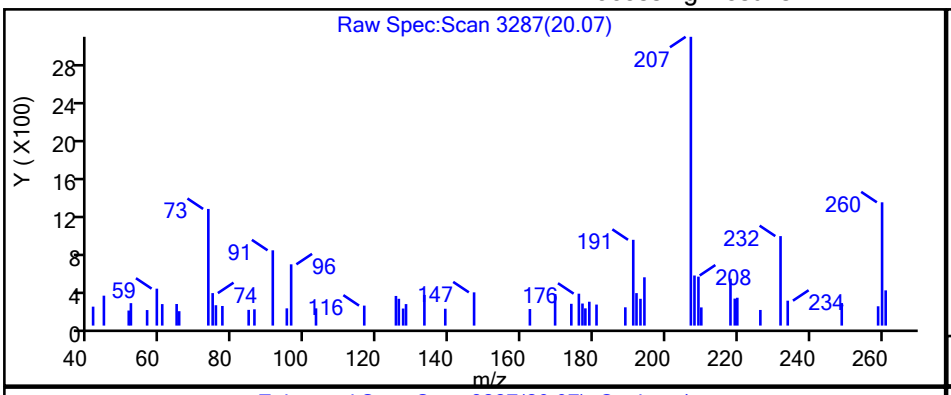
User Disabled Compound Report

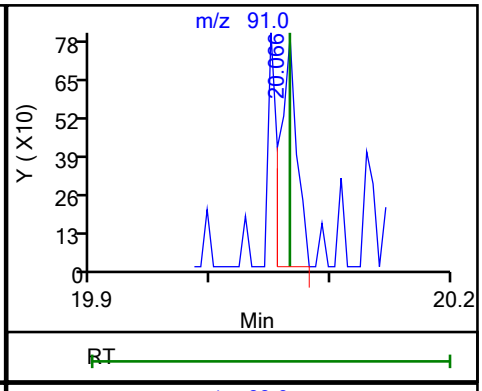
Eurofins TestAmerica, Burlington

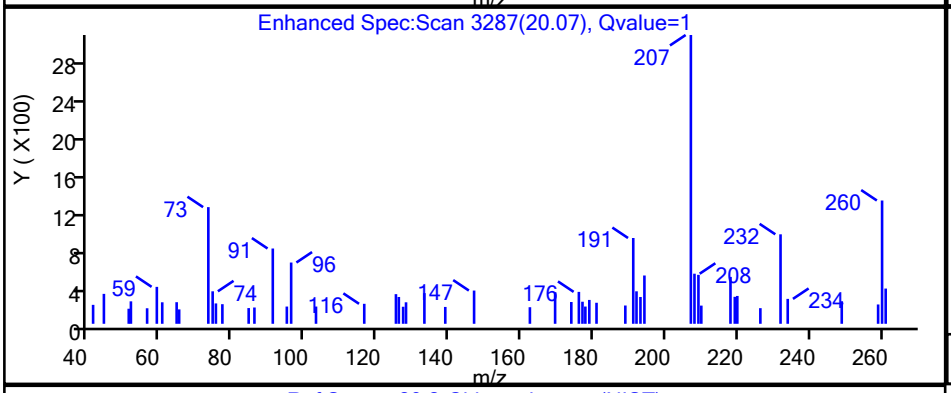
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

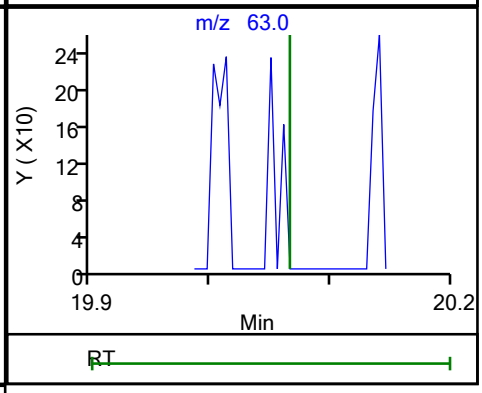
89 2-Chlorotoluene, CAS: 95-49-8

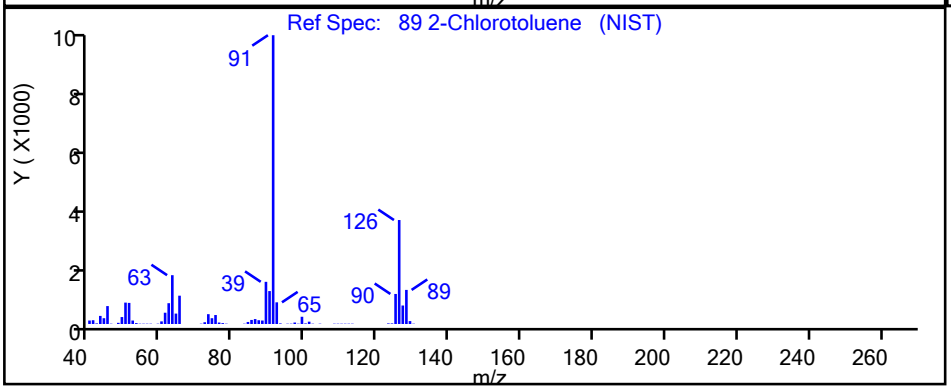
Processing Results











RT	Mass	Response	Amount
20.07	91.00	753	0.016971
20.07	63.00	0	

Reviewer: puangmaleek, 31-Dec-2020 09:50:29

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

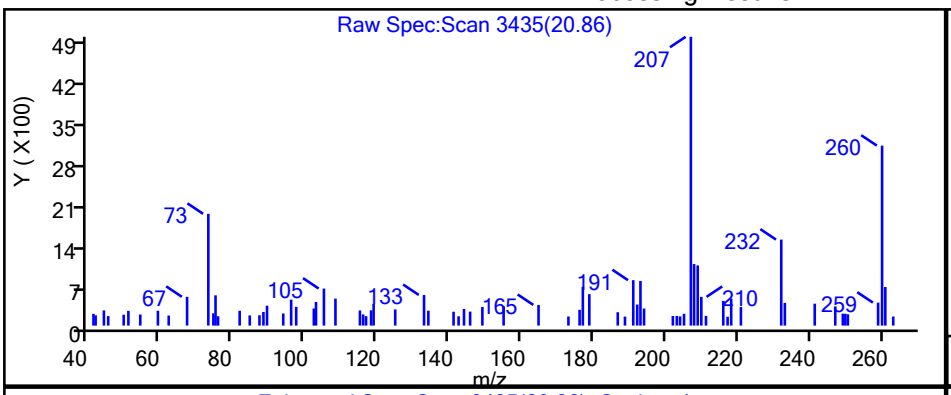
User Disabled Compound Report

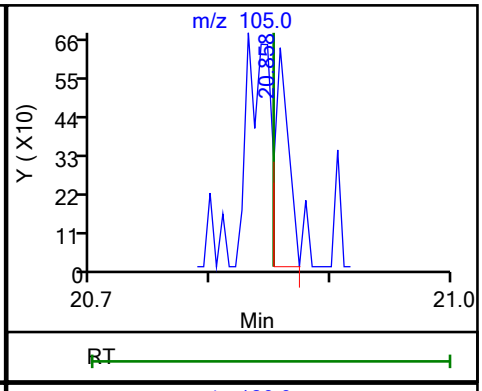
Eurofins TestAmerica, Burlington

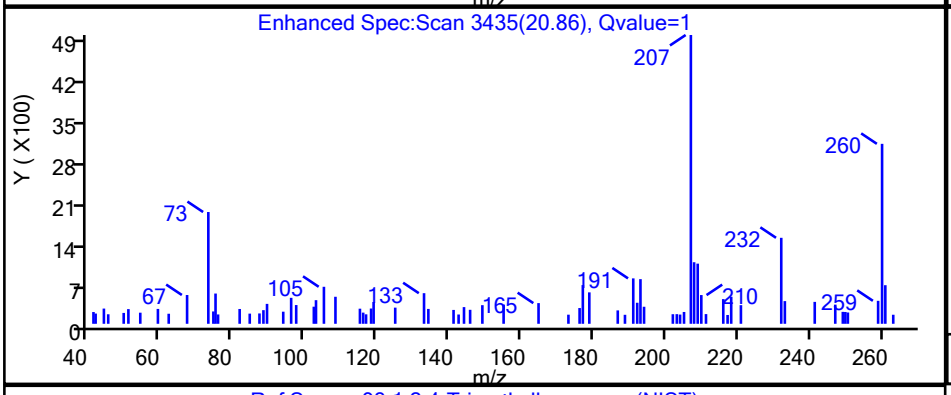
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

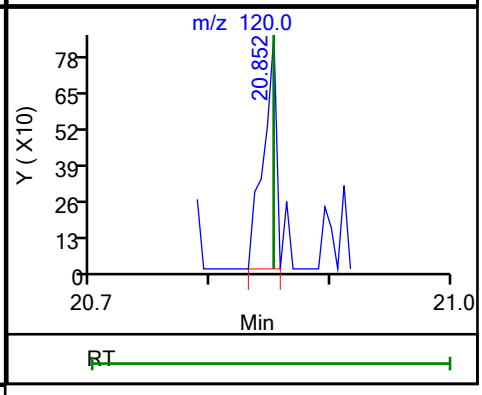
93 1,2,4-Trimethylbenzene, CAS: 95-63-6

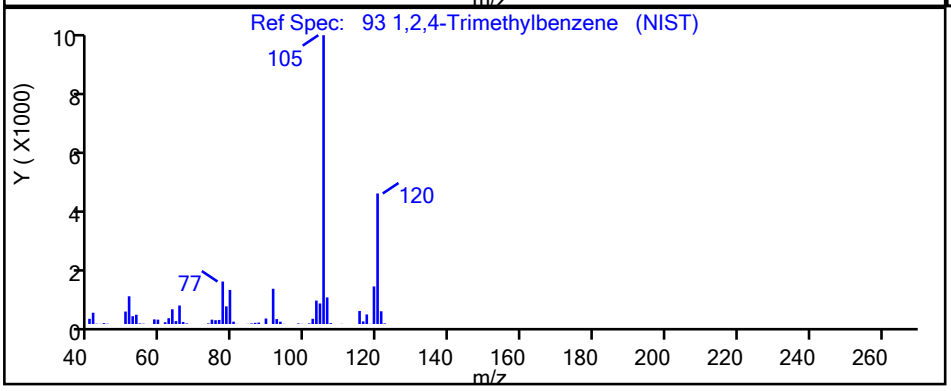
Processing Results











RT	Mass	Response	Amount
20.86	105.00	499	0.010219
20.85	120.00	638	

Reviewer: puangmaleek, 31-Dec-2020 09:50:58

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

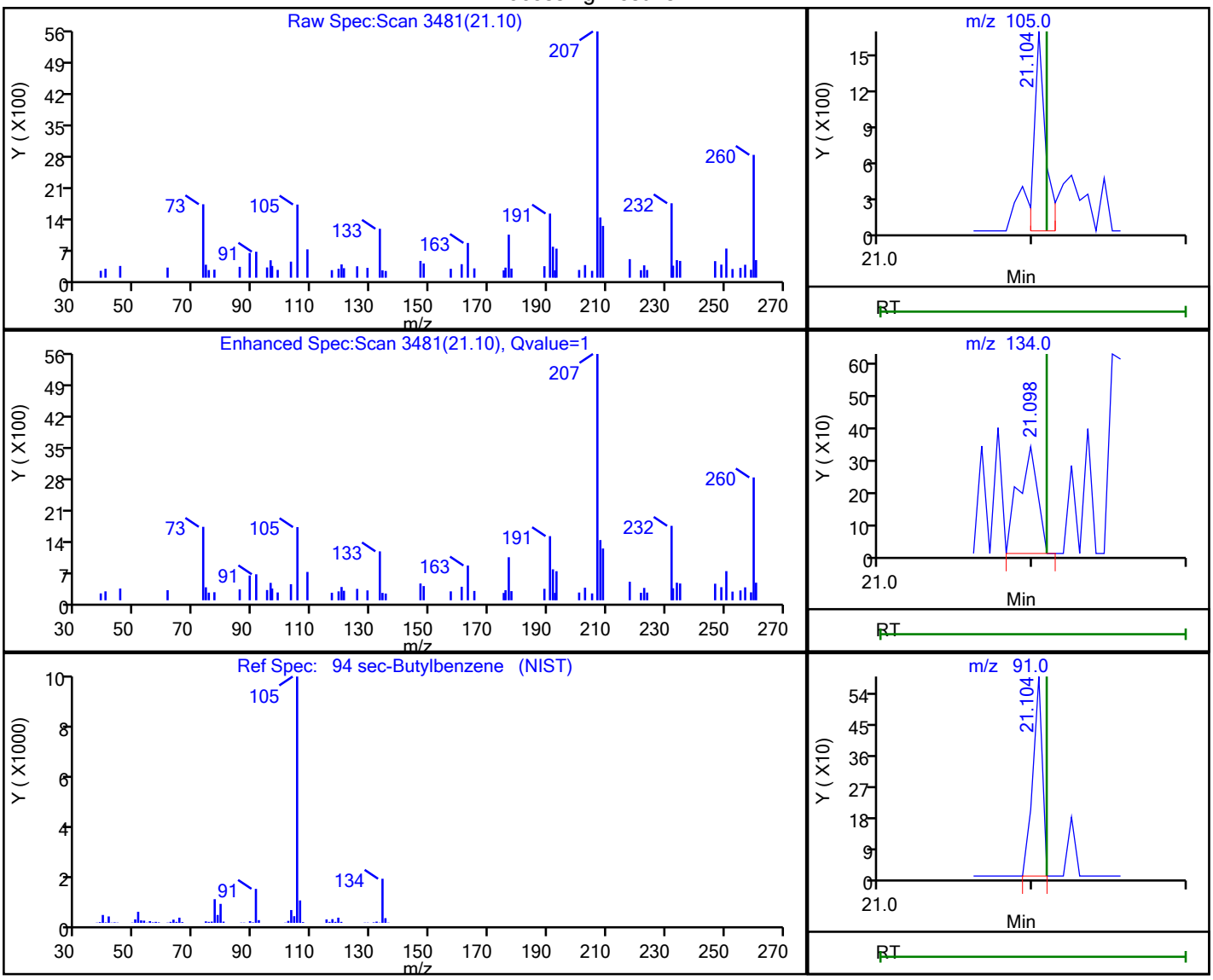
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

94 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
21.10	105.00	836	0.012362
21.10	134.00	287	
21.10	91.00	252	

Reviewer: puangmaleek, 31-Dec-2020 09:51:01

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

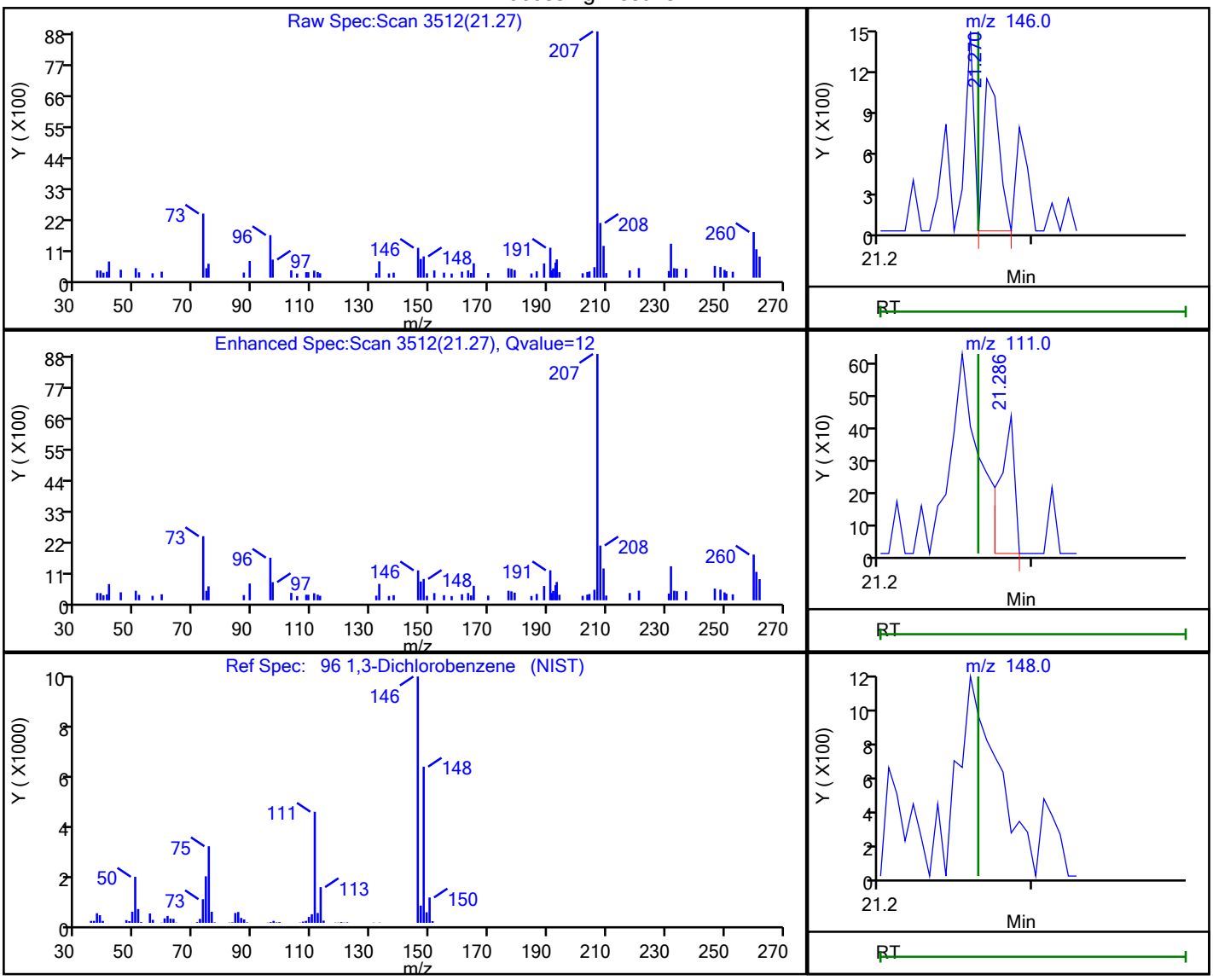
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

96 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
21.27	146.00	752	0.020947
21.29	111.00	287	
21.26	148.00	0	

Reviewer: puangmaleek, 31-Dec-2020 09:51:12

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

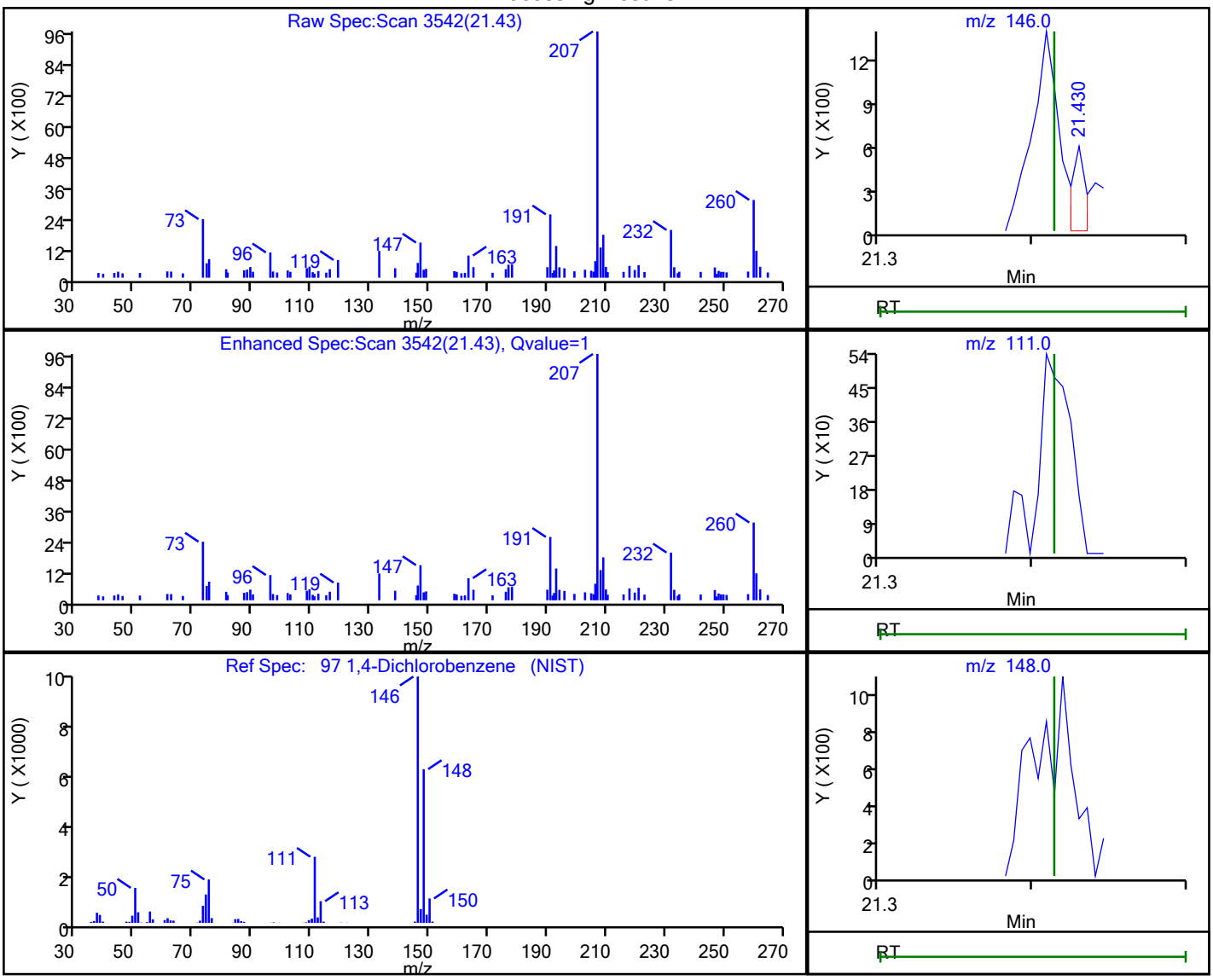
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

97 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
21.43	146.00	364	0.009984
21.41	111.00	0	
21.41	148.00	0	

Reviewer: puangmaleek, 31-Dec-2020 09:51:16

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

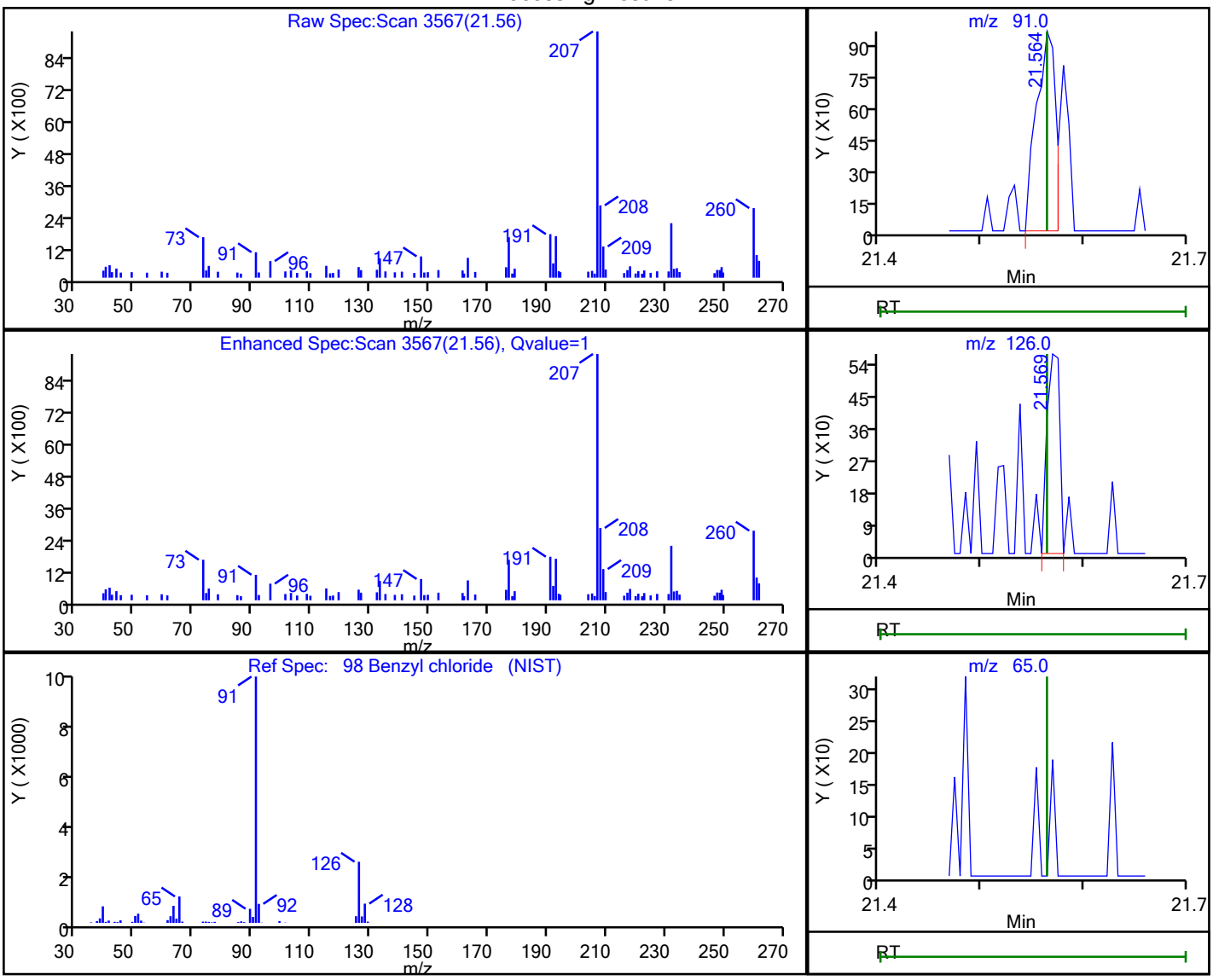
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

98 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
21.56	91.00	1275	0.035053
21.57	126.00	488	
21.56	65.00	0	

Reviewer: puangmaleek, 31-Dec-2020 09:51:23

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

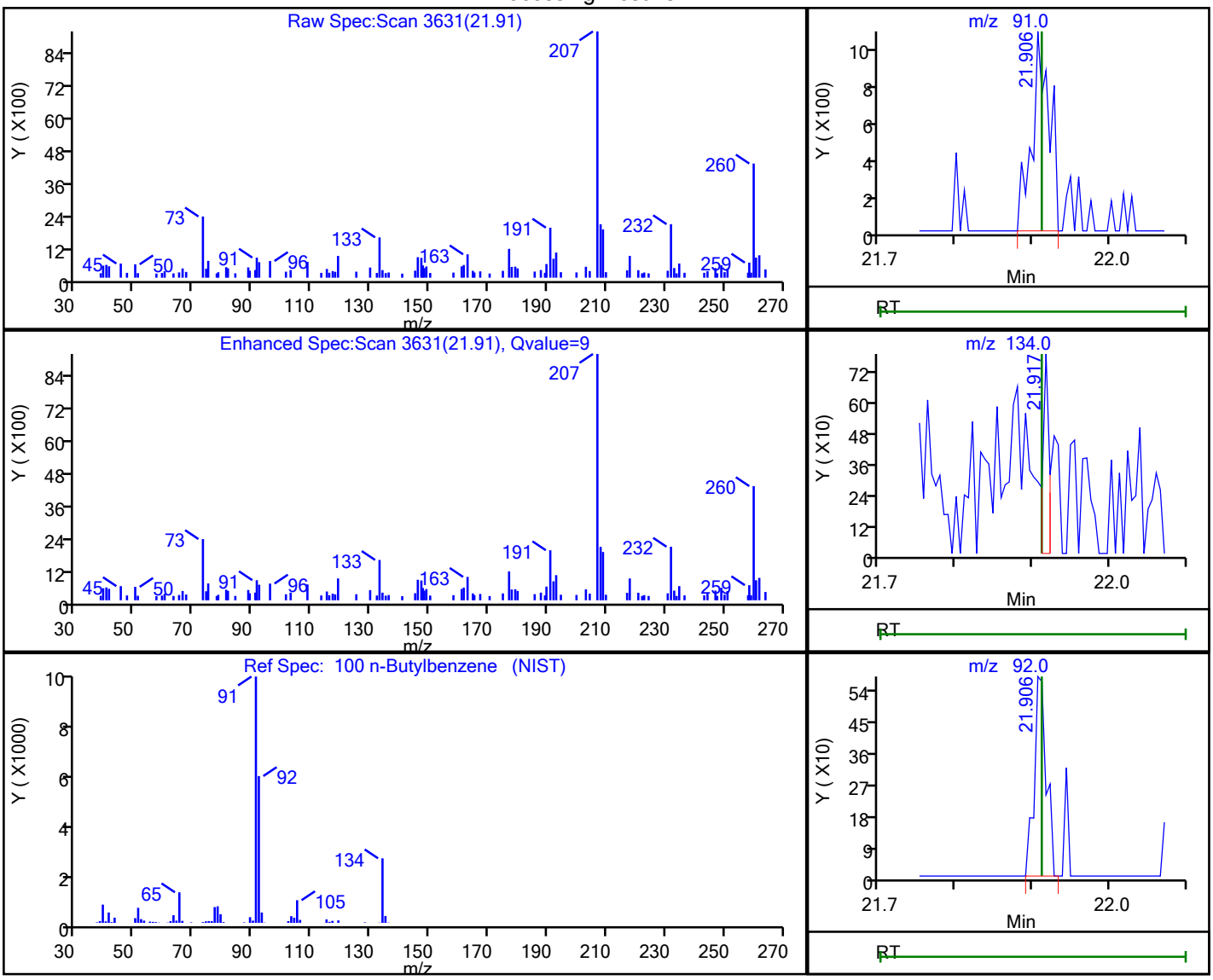
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

100 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
21.91	91.00	1618	0.031481
21.92	134.00	432	
21.91	92.00	632	

Reviewer: puangmaleek, 31-Dec-2020 09:51:25

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

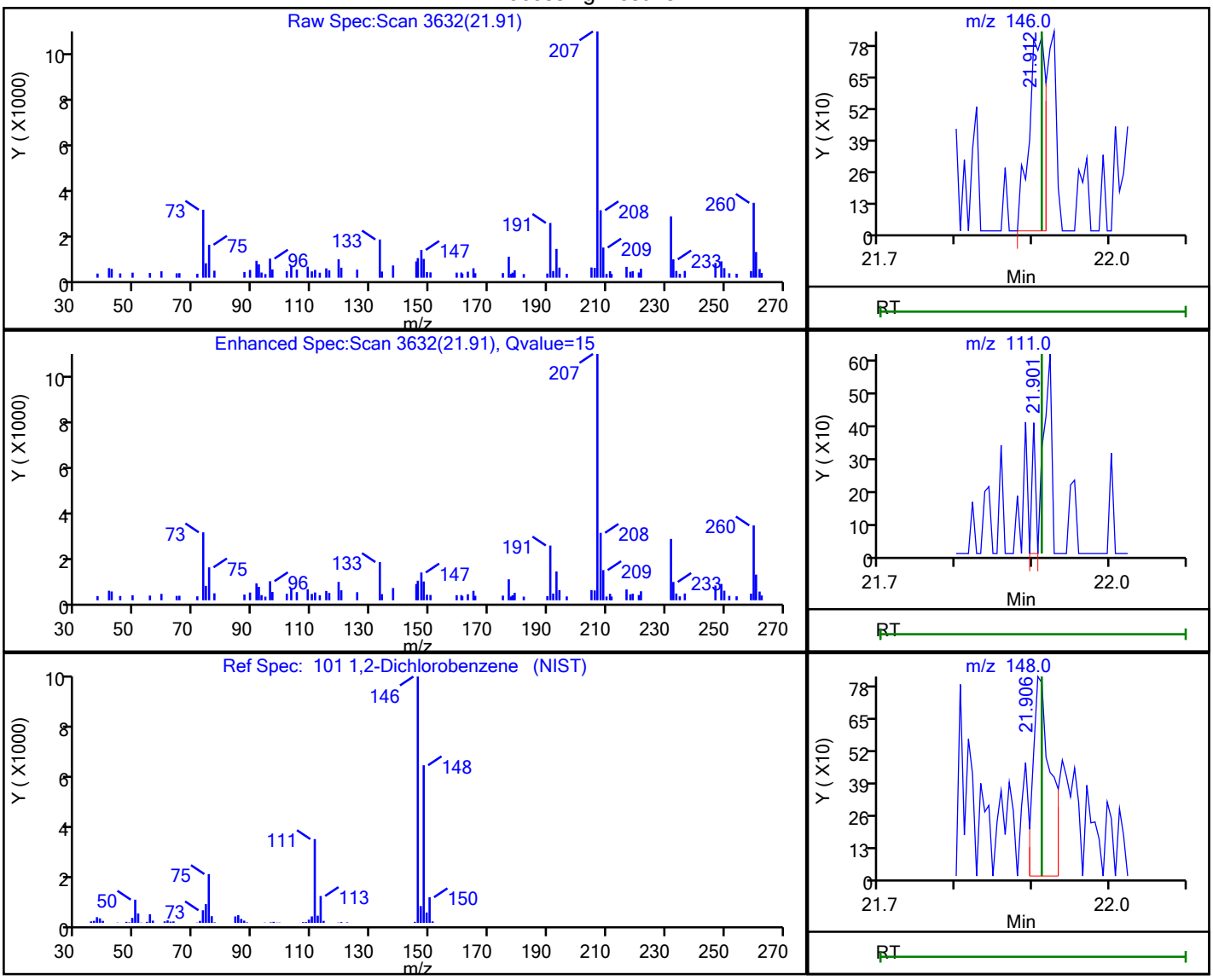
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

101 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
21.91	146.00	1246	0.035077
21.90	111.00	129	
21.91	148.00	1269	

Reviewer: puangmaleek, 31-Dec-2020 09:51:33

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

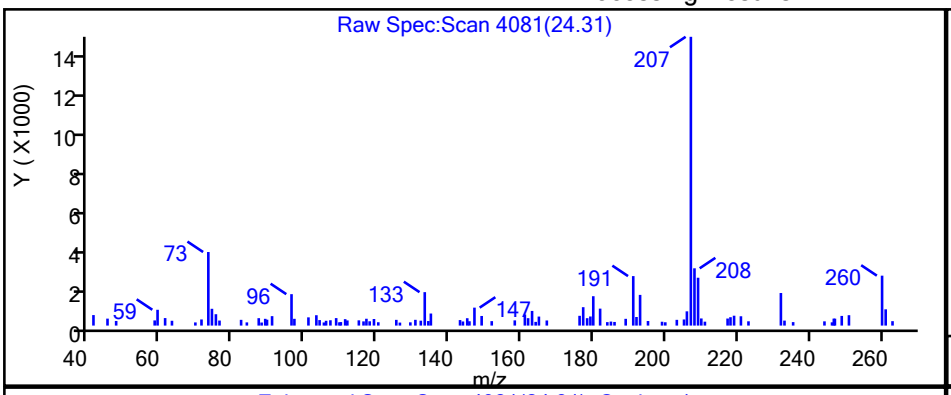
User Disabled Compound Report

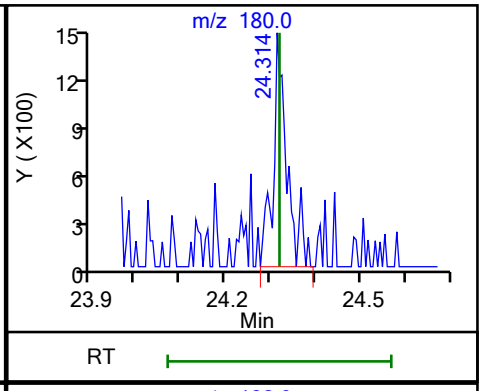
Eurofins TestAmerica, Burlington

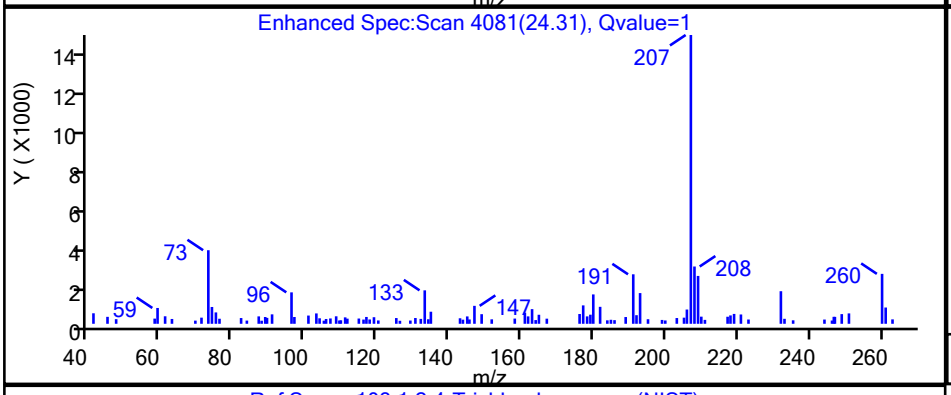
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

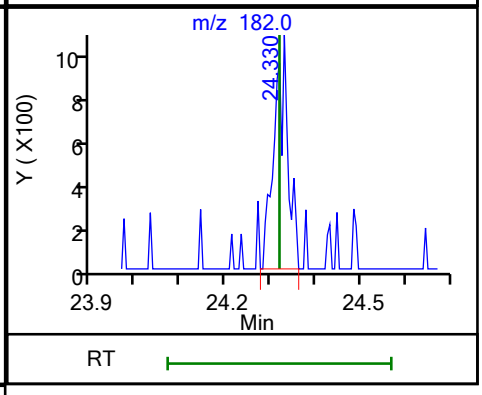
103 1,2,4-Trichlorobenzene, CAS: 120-82-1

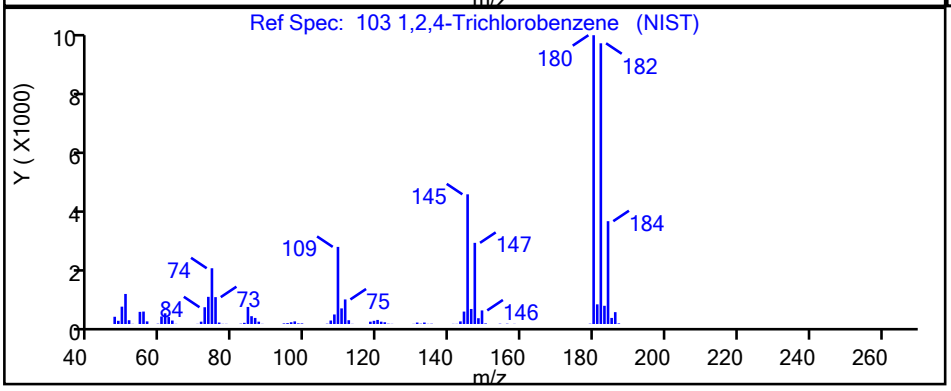
Processing Results











RT	Mass	Response	Amount
24.31	180.00	3189	0.118914
24.33	182.00	2263	

Reviewer: puangmaleek, 31-Dec-2020 09:51:35

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

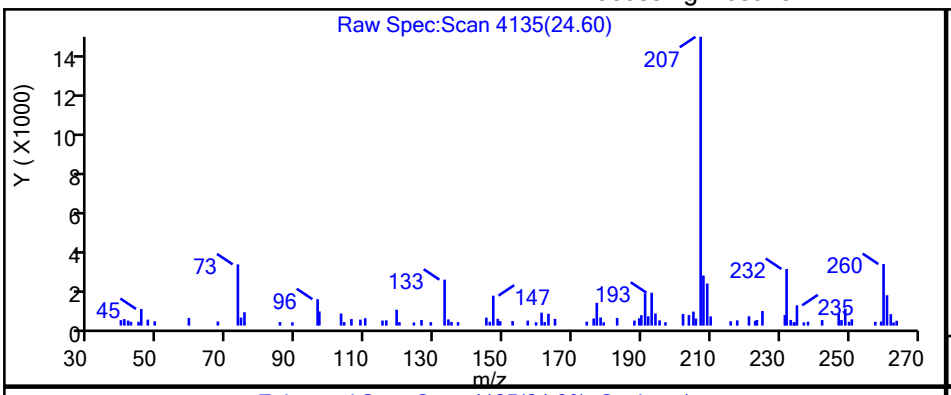
User Disabled Compound Report

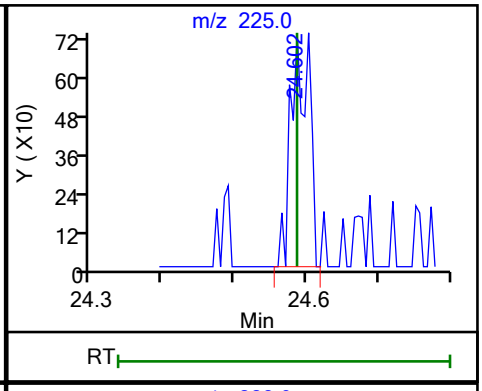
Eurofins TestAmerica, Burlington

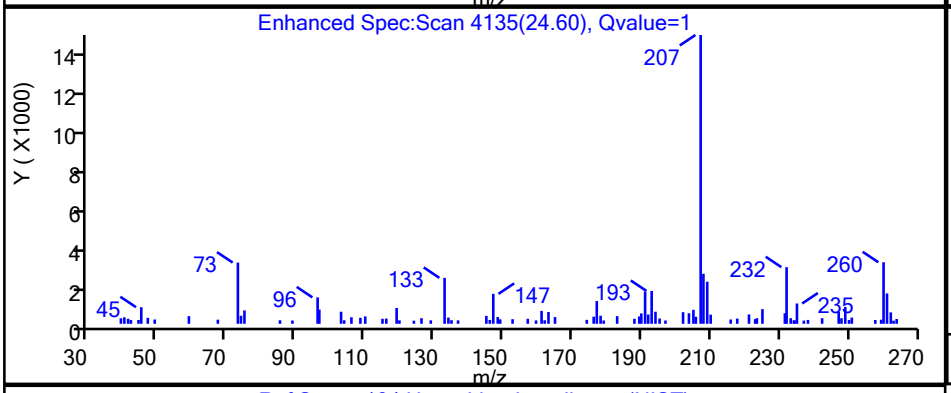
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

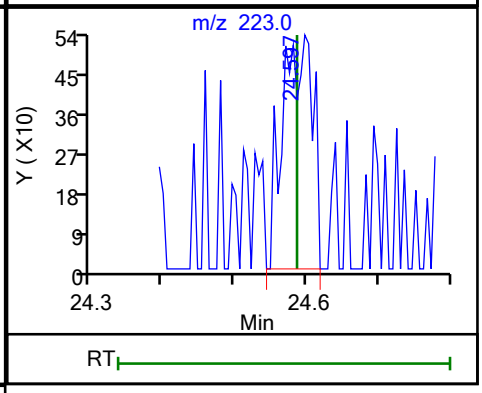
104 Hexachlorobutadiene, CAS: 87-68-3

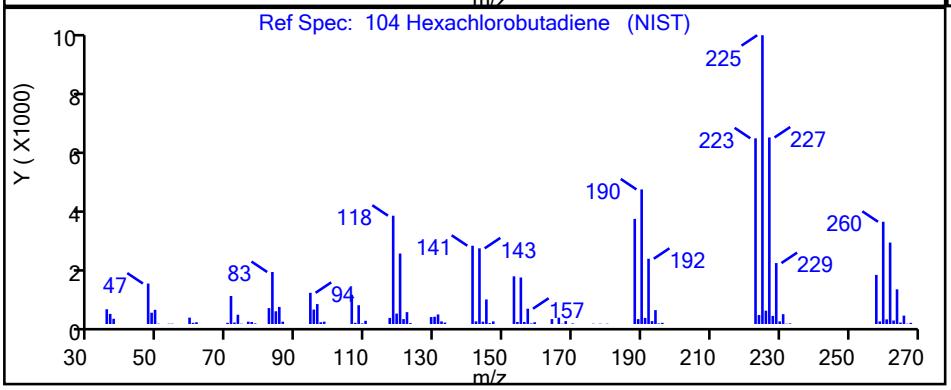
Processing Results











RT	Mass	Response	Amount
24.60	225.00	1296	0.038173
24.60	223.00	1577	

Reviewer: puangmaleek, 31-Dec-2020 09:51:41

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

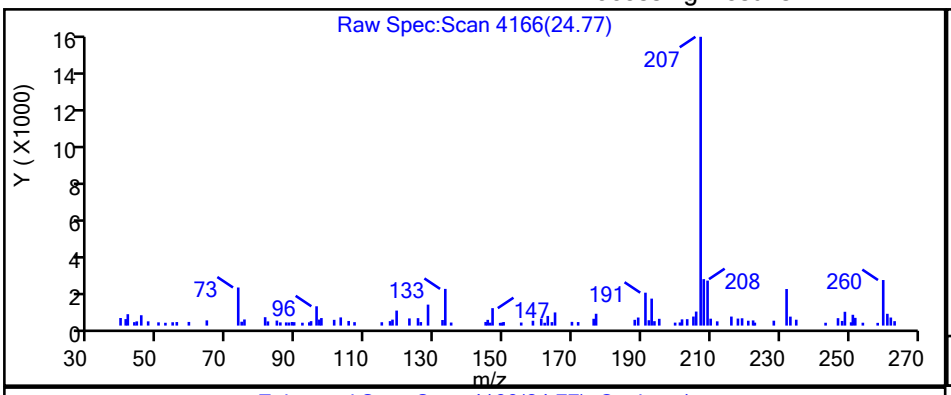
User Disabled Compound Report

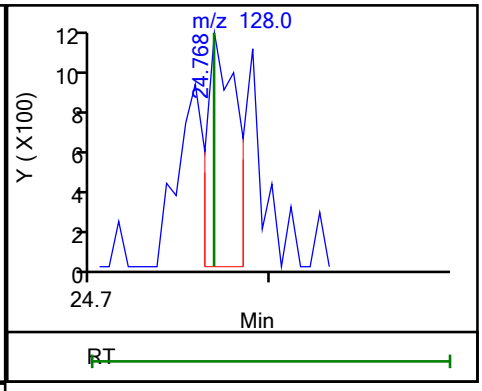
Eurofins TestAmerica, Burlington

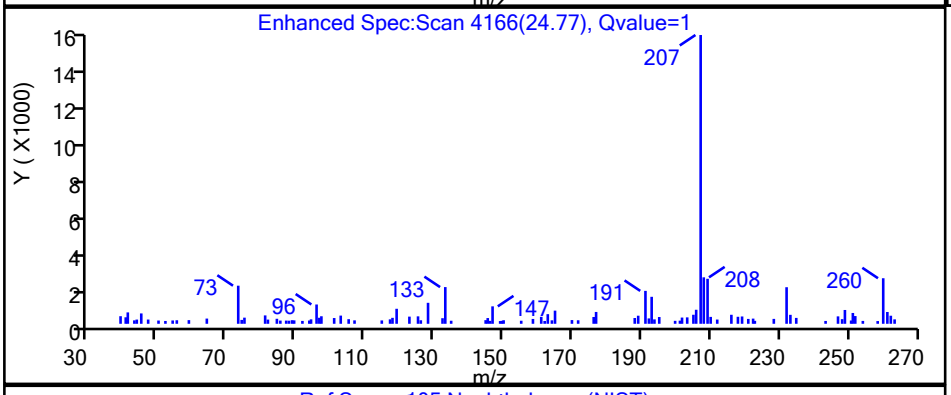
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201230-44277.b\200-44277-006.D				
Injection Date:	30-Dec-2020 15:39:30	Instrument ID:	CHG.i		
Lims ID:	200-56640-A-6	Lab Sample ID:	200-56640-6		
Client ID:	4345				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

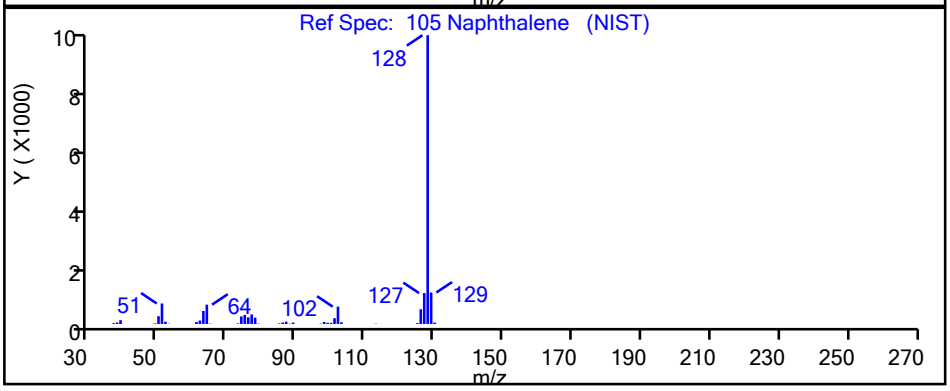
105 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
24.77	128.00	1345	0.025799

Reviewer: puangmaleek, 31-Dec-2020 09:47:08

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56656-1

SDG No.:

Client Sample ID: 4087 Lab Sample ID: 200-56656-7

Matrix: Air Lab File ID: 44327-06.D

Analysis Method: TO-15 Date Collected: 12/23/2020 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/06/2021 12:26

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 162685 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56656-1

SDG No.:

Client Sample ID: 4087 Lab Sample ID: 200-56656-7

Matrix: Air Lab File ID: 44327-06.D

Analysis Method: TO-15 Date Collected: 12/23/2020 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/06/2021 12:26

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 162685 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56656-1

SDG No.:

Client Sample ID: 4087 Lab Sample ID: 200-56656-7

Matrix: Air Lab File ID: 44327-06.D

Analysis Method: TO-15 Date Collected: 12/23/2020 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/06/2021 12:26

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 162685 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U *+	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210106-44327.b\44327-06.D
Lims ID: 200-56656-A-7
Client ID: 4087
Sample Type: Client
Inject. Date: 06-Jan-2021 12:26:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0044327-006
Misc. Info.: 56656-7
Operator ID: ggg Instrument ID: CHX.i

Method: \\chromfs\Burlington\ChromData\CHX.i\20210106-44327.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 07-Jan-2021 11:18:31 Calib Date: 30-Dec-2020 20:14:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20201230-44279.b\44279-12.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1609

First Level Reviewer: puangmaleek Date: 07-Jan-2021 11:18:31

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.343				ND	7
	2 Dichlorodifluoromethane	85		4.434				ND	
	3 Chlorodifluoromethane	51		4.482				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.793				ND	
	5 Chloromethane	50		4.921				ND	
	6 Butane	43		5.237				ND	
	7 Vinyl chloride	62		5.237				ND	
	8 Butadiene	54		5.349				ND	
	10 Bromomethane	94		6.066				ND	
	11 Chloroethane	64		6.333				ND	
	13 Vinyl bromide	106		6.756				ND	
	14 Trichlorofluoromethane	101		6.911				ND	
	17 Ethanol	45	7.312	7.248	0.064	92	1228	0.1742	
	21 1,1-Dichloroethene	96		7.976				ND	
	20 112TCTFE	101		8.003				ND	
	22 Acetone	43		8.035				ND	
	24 Isopropyl alcohol	45		8.302				ND	
	23 Carbon disulfide	76		8.388				ND	
	25 3-Chloro-1-propene	41		8.671				ND	
	27 Methylene Chloride	49		8.907				ND	
	28 2-Methyl-2-propanol	59		9.067				ND	
	29 Methyl tert-butyl ether	73		9.377				ND	
	31 trans-1,2-Dichloroethene	61		9.404				ND	
S	30 1,2-Dichloroethene, Total	61		9.665				ND	7
	33 Hexane	57		9.891				ND	
	35 Vinyl acetate	43		10.164				ND	
	34 1,1-Dichloroethane	63		10.169				ND	
	38 2-Butanone (MEK)	72		11.116				ND	
	37 cis-1,2-Dichloroethene	96		11.164				ND	
	39 Ethyl acetate	88		11.196				ND	
*	40 Chlorobromomethane	128	11.587	11.581	0.006	97	70726	10.0	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Tetrahydrofuran	42		11.598				ND	
	42 Chloroform	83		11.753				ND	
	44 1,1,1-Trichloroethane	97		12.058				ND	
	43 Cyclohexane	84		12.191				ND	
	45 Carbon tetrachloride	117		12.330				ND	
	47 Benzene	78		12.678				ND	
	48 1,2-Dichloroethane	62		12.769				ND	
	46 Isooctane	57		12.876				ND	
	49 n-Heptane	43		13.181				ND	
*	50 1,4-Difluorobenzene	114	13.422	13.416	0.006	96	364010	10.0	
	53 Trichloroethene	95		13.844				ND	
	54 1,2-Dichloropropane	63		14.315				ND	
	55 Methyl methacrylate	69		14.374				ND	
	56 1,4-Dioxane	88		14.422				ND	
	57 Dibromomethane	174		14.476				ND	
	58 Dichlorobromomethane	83		14.781				ND	
	60 cis-1,3-Dichloropropene	75		15.578				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.813				ND	
	65 Toluene	92		16.209				ND	
	66 trans-1,3-Dichloropropene	75		16.632				ND	
	67 1,1,2-Trichloroethane	83		17.017				ND	
	68 Tetrachloroethene	166		17.193				ND	
	69 2-Hexanone	43		17.391				ND	
	71 Chlorodibromomethane	129		17.755				ND	
	72 Ethylene Dibromide	107		18.001				ND	
*	74 Chlorobenzene-d5	117	18.894	18.895	0.000	89	277568	10.0	
	75 Chlorobenzene	112		18.953				ND	
	76 Ethylbenzene	91		19.135				ND	7
	78 m-Xylene & p-Xylene	106		19.403				ND	
S	73 Xylenes, Total	106		19.600				ND	7
	79 o-Xylene	106		20.173				ND	
	80 Styrene	104		20.211				ND	
	81 Bromoform	173		20.569				ND	
	82 Isopropylbenzene	105		20.852				ND	
	84 1,1,2,2-Tetrachloroethane	83		21.377				ND	
	85 N-Propylbenzene	91		21.559				ND	7
	89 2-Chlorotoluene	91		21.714				ND	7
	88 4-Ethyltoluene	105		21.757				ND	7
	90 1,3,5-Trimethylbenzene	105		21.848				ND	7
	92 tert-Butylbenzene	119		22.329				ND	
	93 1,2,4-Trimethylbenzene	105		22.415				ND	7
	94 sec-Butylbenzene	105		22.650				ND	7
	96 1,3-Dichlorobenzene	146		22.827				ND	7
	95 4-Isopropyltoluene	119		22.859				ND	
	97 1,4-Dichlorobenzene	146	22.976	22.971	0.005	1	203	0.0122	
	98 Benzyl chloride	91		23.115				ND	U
	100 n-Butylbenzene	91		23.415				ND	7
	101 1,2-Dichlorobenzene	146		23.458				ND	
	103 1,2,4-Trichlorobenzene	180		25.913				ND	
	104 Hexachlorobutadiene	225		26.149				ND	
	105 Naphthalene	128		26.400				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15XISs_00002	Amount Added:	20.00	Units: mL	Run Reagent

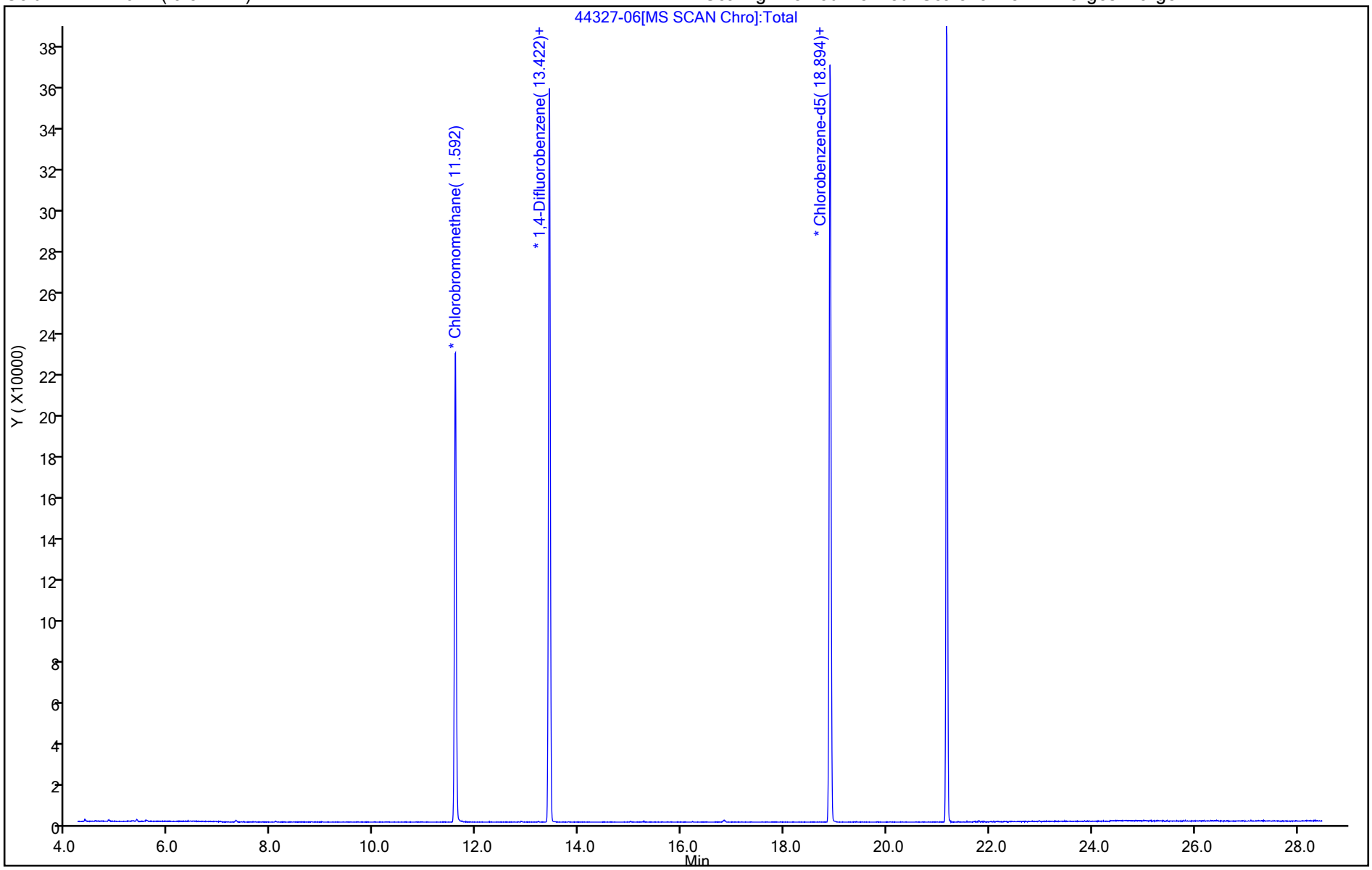
Report Date: 07-Jan-2021 11:18:31 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210106-44327.b\44327-06.D

Injection Date:	06-Jan-2021 12:26:30	Instrument ID:	CHX.i	Operator ID:	ggg
Lims ID:	200-56656-A-7	Lab Sample ID:	200-56656-7	Worklist Smp#:	6
Client ID:	4087				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	5
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



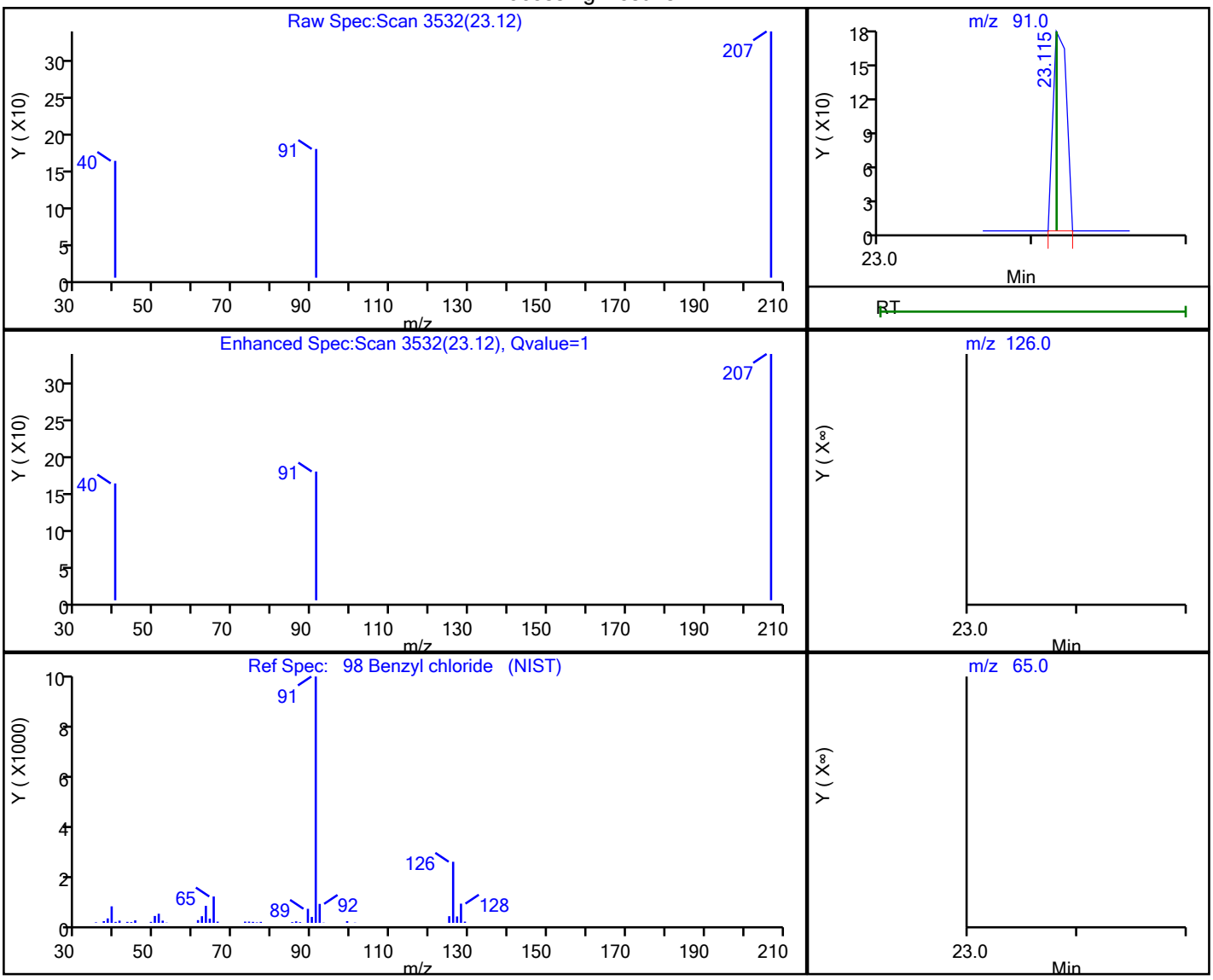
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210106-44327.b\44327-06.D				
Injection Date:	06-Jan-2021 12:26:30	Instrument ID:	CHX.i		
Lims ID:	200-56656-A-7	Lab Sample ID:	200-56656-7		
Client ID:	4087				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

98 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
23.12	91.00	106	0.009449
23.12	126.00	0	
23.12	65.00	0	

Reviewer: puangmaleek, 07-Jan-2021 11:18:11

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56693-1

SDG No.:

Client Sample ID: 3519 Lab Sample ID: 200-56693-11

Matrix: Air Lab File ID: 44347-07.D

Analysis Method: TO-15 Date Collected: 12/28/2020 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/07/2021 12:56

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 162731 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56693-1

SDG No.:

Client Sample ID: 3519 Lab Sample ID: 200-56693-11

Matrix: Air Lab File ID: 44347-07.D

Analysis Method: TO-15 Date Collected: 12/28/2020 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/07/2021 12:56

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 162731 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56693-1

SDG No.:

Client Sample ID: 3519 Lab Sample ID: 200-56693-11

Matrix: Air Lab File ID: 44347-07.D

Analysis Method: TO-15 Date Collected: 12/28/2020 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/07/2021 12:56

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 162731 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20210107-44347.b\44347-07.D
Lims ID: 200-56693-A-11
Client ID: 3519
Sample Type: Client
Inject. Date: 07-Jan-2021 12:56:30 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0044347-007
Misc. Info.: 56693-11
Operator ID: vtp Instrument ID: CHC.i

Method: \\chromfs\Burlington\ChromData\CHC.i\20210107-44347.b\TO15_MasterMethod_(v1)_CHC.i.m
Limit Group: AI_TO15_ICAL
Last Update: 07-Jan-2021 13:43:44 Calib Date: 18-Dec-2020 04:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20201217-44129.b\44129-14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1616

First Level Reviewer: bourdeaut Date: 07-Jan-2021 13:43:44

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	2.844	2.830	0.011	71	1473	0.1457	
2 Dichlorodifluoromethane	85		2.891				ND	7
3 Chlorodifluoromethane	51		2.934				ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.132				ND	7
5 Chloromethane	50		3.244				ND	7
6 Butane	43		3.436				ND	7
7 Vinyl chloride	62		3.462				ND	U
8 Butadiene	54		3.532				ND	7
10 Bromomethane	94		4.140				ND	U
11 Chloroethane	64		4.359				ND	7
13 Vinyl bromide	106		4.727				ND	7
14 Trichlorofluoromethane	101		4.845				ND	7
17 Ethanol	45	5.475	5.426	0.043	53	680	0.1228	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101		5.901				ND	7
21 1,1-Dichloroethene	96		5.912				ND	U
22 Acetone	43	6.195	6.135	0.053	82	8964	0.4227	
23 Carbon disulfide	76		6.275				ND	7
24 Isopropyl alcohol	45		6.510				ND	7
25 3-Chloro-1-propene	41		6.670				ND	7
27 Methylene Chloride	49		6.953				ND	7
28 2-Methyl-2-propanol	59		7.310				ND	
31 trans-1,2-Dichloroethene	61		7.417				ND	7
29 Methyl tert-butyl ether	73		7.428				ND	7
33 Hexane	57		7.849				ND	U
34 1,1-Dichloroethane	63		8.250				ND	7
35 Vinyl acetate	43		8.356				ND	7
37 cis-1,2-Dichloroethene	96		9.338				ND	7
38 2-Butanone (MEK)	72		9.402				ND	U
39 Ethyl acetate	88		9.488				ND	7
* 40 Chlorobromomethane	128	9.776	9.787	-0.011	80	314270	20.0	
41 Tetrahydrofuran	42		9.851				ND	7

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
42 Chloroform	83		9.936				ND	
S 30 1,2-Dichloroethene, Total	61		10.200				ND	7
44 1,1,1-Trichloroethane	97		10.208				ND	7
43 Cyclohexane	84		10.219				ND	7
45 Carbon tetrachloride	117	10.459	10.481	-0.021	1	362	0.005979	
47 Benzene	78		10.907				ND	7
46 Isooctane	57		10.950				ND	
48 1,2-Dichloroethane	62		11.062				ND	
49 n-Heptane	43		11.361				ND	7
* 50 1,4-Difluorobenzene	114	11.756	11.756	0.000	95	1750334	20.0	
53 Trichloroethene	95		12.226				ND	7
54 1,2-Dichloropropane	63		12.733				ND	
55 Methyl methacrylate	69		12.973				ND	
57 Dibromomethane	174		12.983				ND	
56 1,4-Dioxane	88		13.026				ND	
58 Dichlorobromomethane	83		13.309				ND	
60 cis-1,3-Dichloropropene	75		14.270				ND	7
61 4-Methyl-2-pentanone (MIBK)	43		14.601				ND	7
65 Toluene	92		14.883				ND	7
66 trans-1,3-Dichloropropene	75		15.476				ND	7
67 1,1,2-Trichloroethane	83		15.844				ND	
68 Tetrachloroethene	166		16.009				ND	7
69 2-Hexanone	43		16.356				ND	7
71 Chlorodibromomethane	129		16.613				ND	7
72 Ethylene Dibromide	107		16.858				ND	7
* 74 Chlorobenzene-d5	117	17.792	17.792	0.000	89	1873608	20.0	
75 Chlorobenzene	112		17.856				ND	7
76 Ethylbenzene	91		18.032				ND	7
78 m-Xylene & p-Xylene	106		18.288				ND	
79 o-Xylene	106		19.116				ND	
80 Styrene	104		19.164				ND	
81 Bromoform	173		19.580				ND	7
82 Isopropylbenzene	105		19.863				ND	7
S 73 Xylenes, Total	106		20.100				ND	7
84 1,1,2,2-Tetrachloroethane	83		20.551				ND	7
85 N-Propylbenzene	91		20.653				ND	7
89 2-Chlorotoluene	91		20.850				ND	7
88 4-Ethyltoluene	105		20.861				ND	7
90 1,3,5-Trimethylbenzene	105		20.978				ND	7
92 tert-Butylbenzene	119		21.496				ND	
93 1,2,4-Trimethylbenzene	105		21.597				ND	7
94 sec-Butylbenzene	105		21.843				ND	7
95 4-Isopropyltoluene	119		22.062				ND	
96 1,3-Dichlorobenzene	146		22.067				ND	7
97 1,4-Dichlorobenzene	146		22.211				ND	7
98 Benzyl chloride	91		22.398				ND	7
100 n-Butylbenzene	91		22.643				ND	7
101 1,2-Dichlorobenzene	146		22.734				ND	7
103 1,2,4-Trichlorobenzene	180		25.072				ND	7
104 Hexachlorobutadiene	225		25.274				ND	7
105 Naphthalene	128		25.482				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15CISs_00010 Amount Added: 40.00 Units: mL Run Reagent

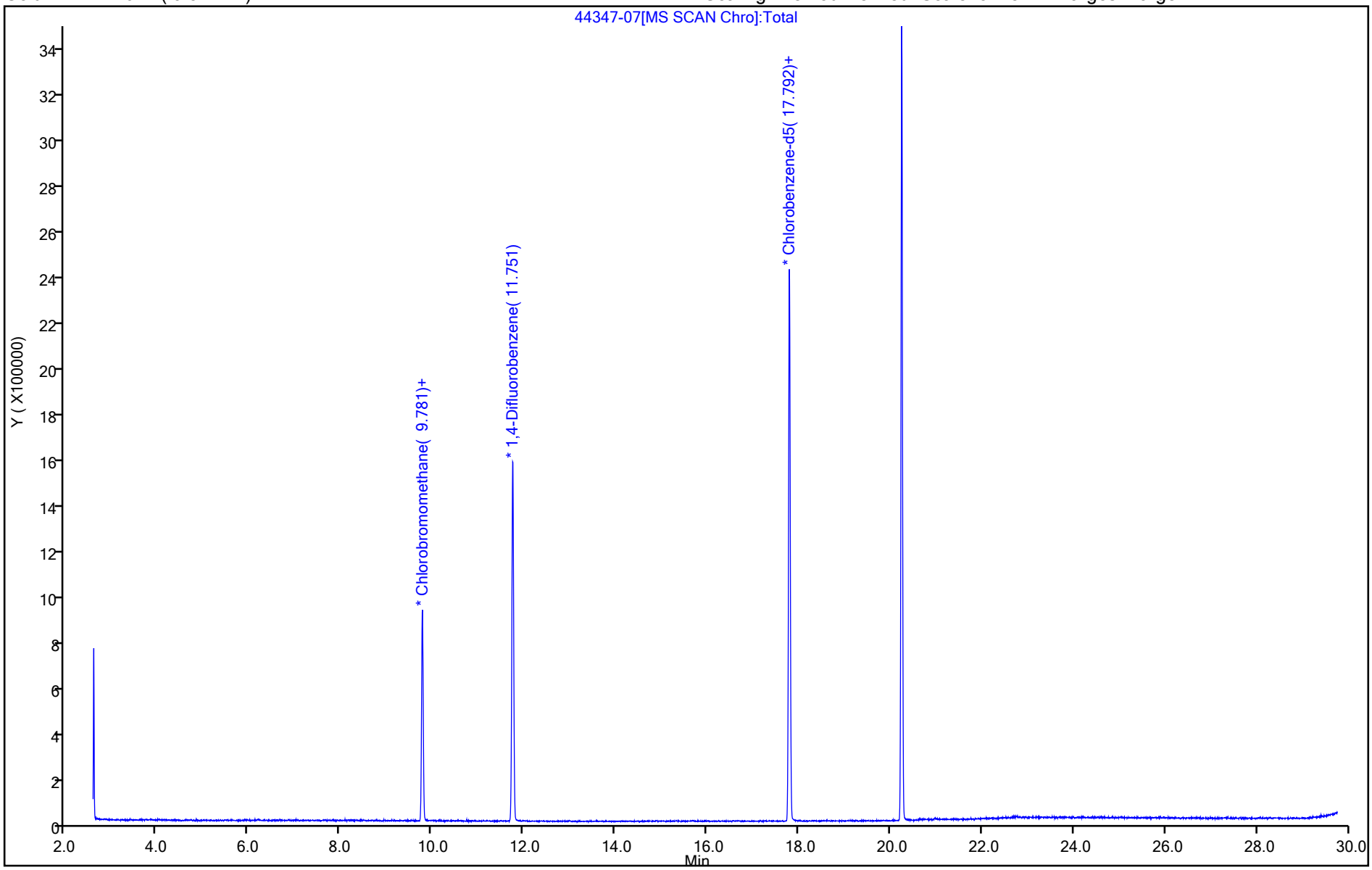
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Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20210107-44347.b\44347-07.D

Injection Date:	07-Jan-2021 12:56:30	Instrument ID:	CHC.i	Operator ID:	vtp
Lims ID:	200-56693-A-11	Lab Sample ID:	200-56693-11	Worklist Smp#:	7
Client ID:	3519				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	7
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



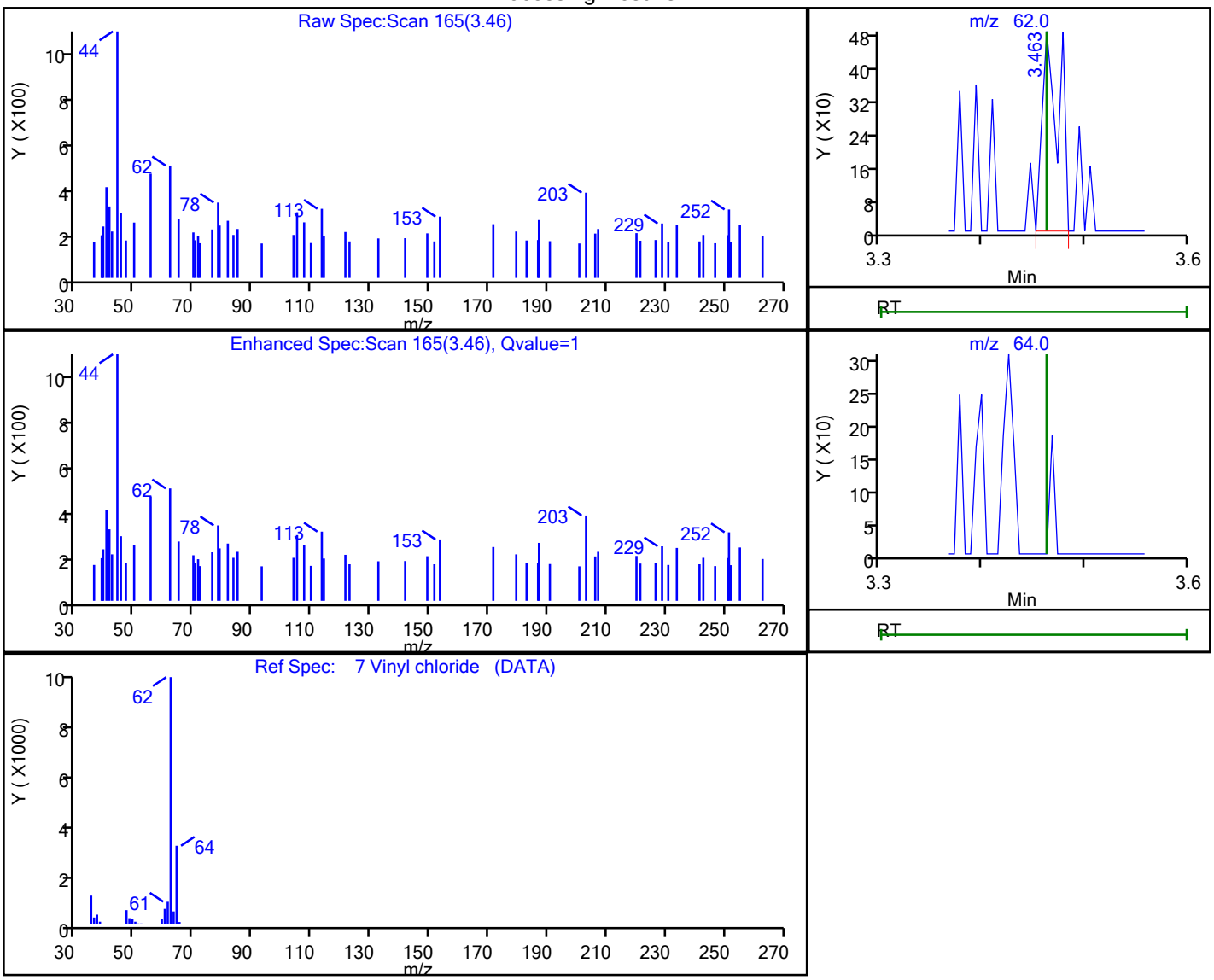
User Disabled Compound Report

Eurofins TestAmerica, Burlington

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Lims ID:	200-56693-A-11	Lab Sample ID:	200-56693-11		
Client ID:	3519				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
3.46	62.00	556	0.042722
3.46	64.00	0	

Reviewer: bourdeaut, 07-Jan-2021 13:43:14

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

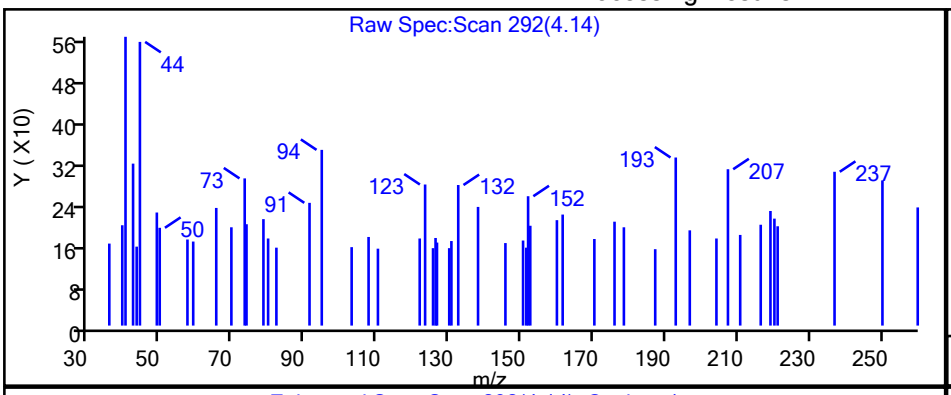
User Disabled Compound Report

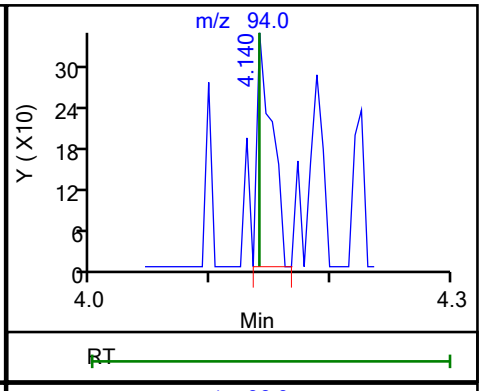
Eurofins TestAmerica, Burlington

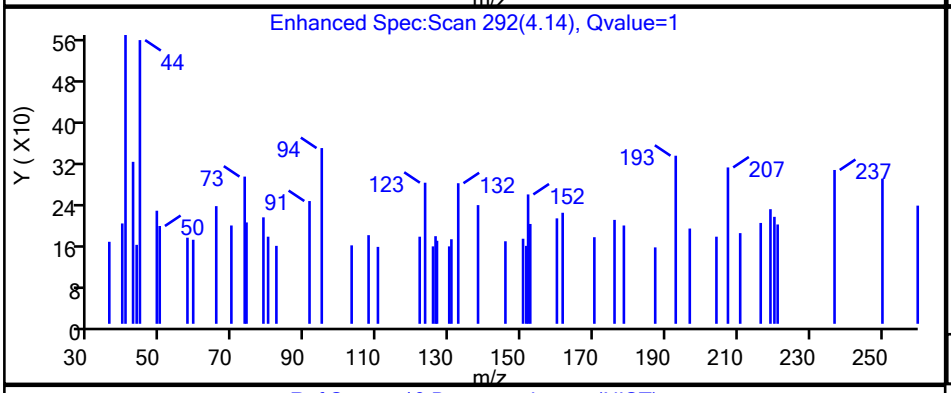
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Injection Date:	07-Jan-2021 12:56:30	Instrument ID:	CHC.i		
Lims ID:	200-56693-A-11	Lab Sample ID:	200-56693-11		
Client ID:	3519				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

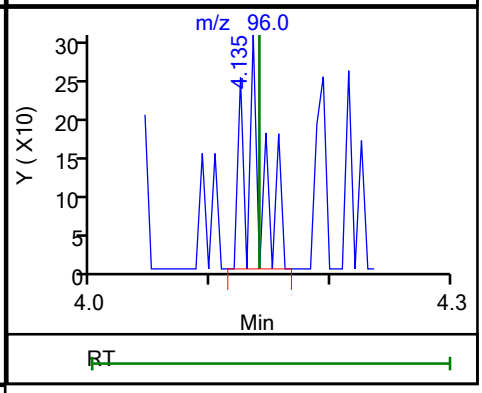
10 Bromomethane, CAS: 74-83-9

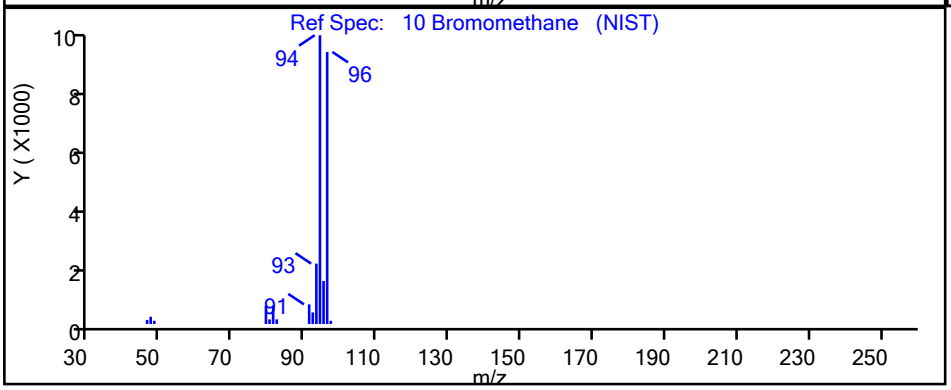
Processing Results











RT	Mass	Response	Amount
4.14	94.00	300	0.022861
4.14	96.00	294	

Reviewer: bourdeaut, 07-Jan-2021 13:43:14

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

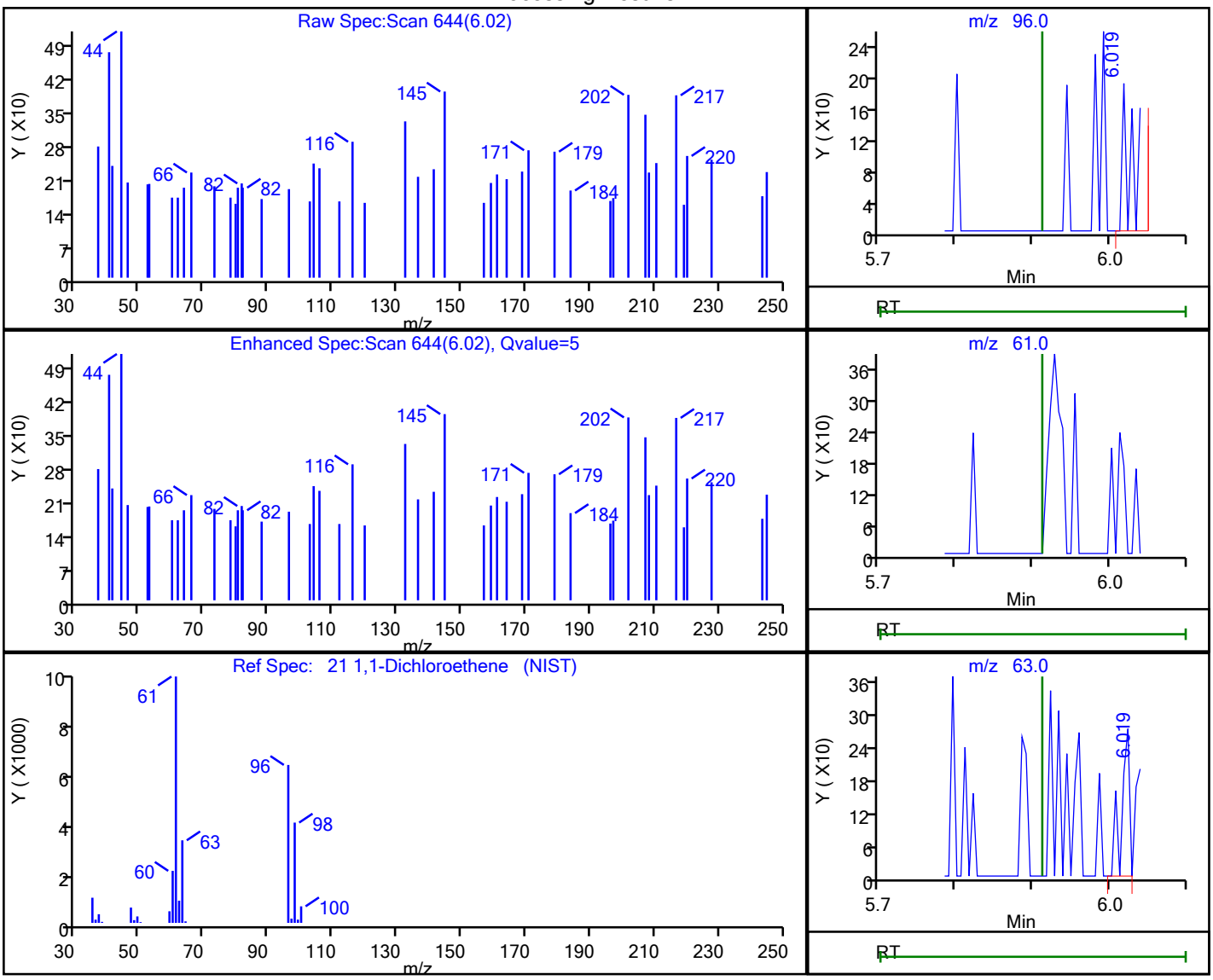
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20210107-44347.b\44347-07.D				
Injection Date:	07-Jan-2021 12:56:30	Instrument ID:	CHC.i		
Lims ID:	200-56693-A-11	Lab Sample ID:	200-56693-11		
Client ID:	3519				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

21 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
6.02	96.00	159	0.010714
5.91	61.00	0	
6.02	63.00	198	

Reviewer: bourdeaut, 07-Jan-2021 13:43:14

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

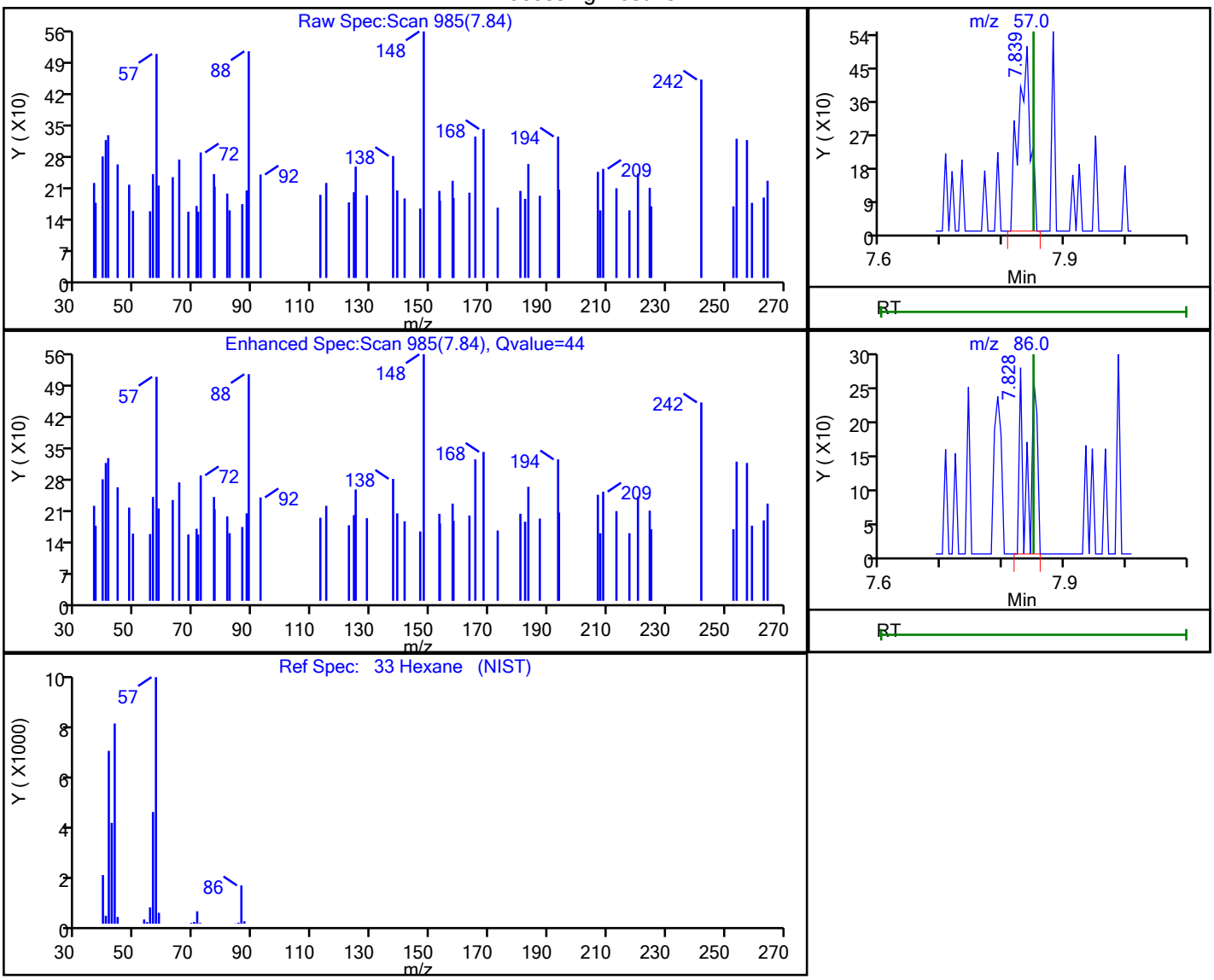
User Disabled Compound Report

Eurofins TestAmerica, Burlington

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Injection Date:	07-Jan-2021 12:56:30	Instrument ID:	CHC.i		
Lims ID:	200-56693-A-11	Lab Sample ID:	200-56693-11		
Client ID:	3519				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

33 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
7.84	57.00	695	0.032949
7.83	86.00	293	

Reviewer: bourdeaut, 07-Jan-2021 13:43:14

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

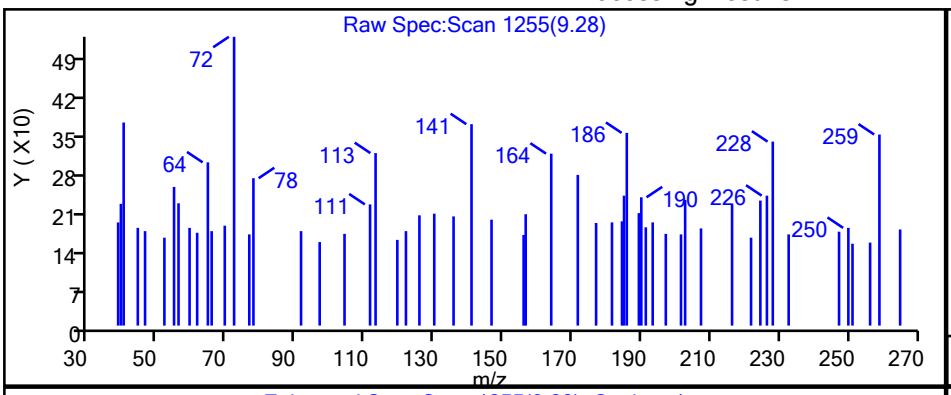
User Disabled Compound Report

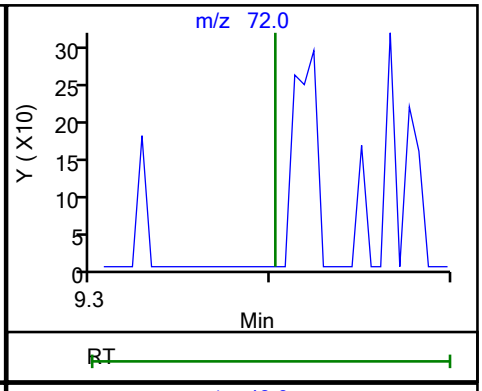
Eurofins TestAmerica, Burlington

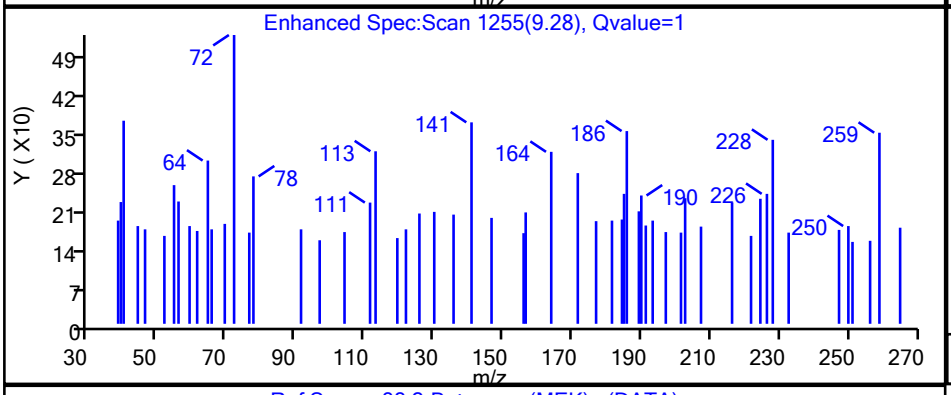
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Injection Date:	07-Jan-2021 12:56:30	Instrument ID:	CHC.i		
Lims ID:	200-56693-A-11	Lab Sample ID:	200-56693-11		
Client ID:	3519				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

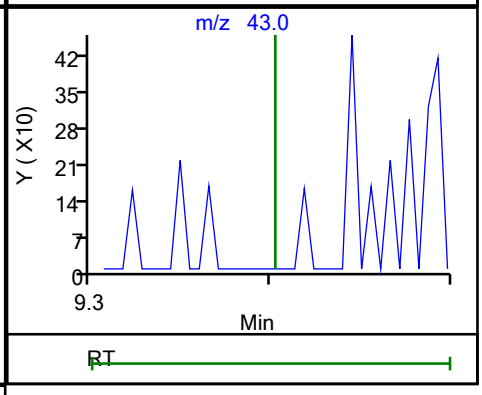
38 2-Butanone (MEK), CAS: 78-93-3

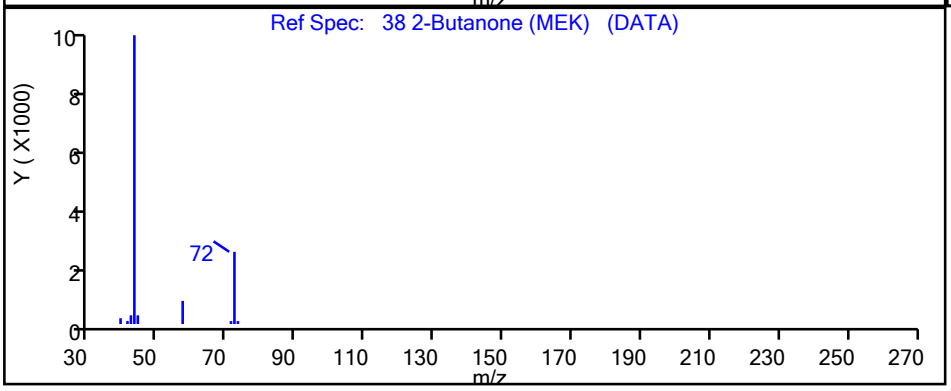
Processing Results











RT	Mass	Response	Amount
9.28	72.00	408	0.053346
9.30	43.00	155	

Reviewer: bourdeaut, 07-Jan-2021 13:43:13

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Summa Canister Dilution Worksheet

Client: GHD Services Inc.
Project/Site: Site 255 GMCH, SSOW 255020

Job No.: 200-57323-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initals
200-57323-5	6	-11	0.63	3.79	-2.50489	0.83	4.98		1.31	1.31	g16	02/24/21 10:39	VTP
200-57323-10	6	-12.0	0.60	3.59	-2.84869	0.81	4.84		1.35	1.35	g16	02/25/21 13:32	VTP

Formulae:

Preadjusted Volume (L) = (Preadjusted Pressure ("Hg) + 29.92 "Hg * Vol L) / 29.92 "Hg
Adjusted Volume (L) = (Adjusted Pressure (psig) + 14.7 psig * Vol L) / 14.7 psig
Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury (“Hg)
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

GM Components Holdings, LLC

For Lab Project ID

211558

Referencing

GMCH East Side GW Monitoring

Prepared

Thursday, April 22, 2021

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 211558

Client: **GM Components Holdings, LLC**

Project Reference: GMCH East Side GW Monitoring

Sample Identifier:	Groundwater East Side		
Lab Sample ID:	211558-01	**Date Sampled:**	4/15/2021
Matrix:	Wastewater	**Date Received:**	4/15/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0955	ug/L		4/16/2021 14:47
PCB-1221	< 0.0955	ug/L		4/16/2021 14:47
PCB-1232	< 0.0955	ug/L		4/16/2021 14:47
PCB-1242	< 0.0955	ug/L		4/16/2021 14:47
PCB-1248	< 0.0955	ug/L		4/16/2021 14:47
PCB-1254	< 0.0955	ug/L		4/16/2021 14:47
PCB-1260	< 0.0955	ug/L		4/16/2021 14:47

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**55.4**	28.9 - 97.9		4/16/2021 14:47

Method Reference(s): EPA 608.3
Preparation Date: 4/16/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		4/16/2021 14:35
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		4/16/2021 14:35
1,1,2-Trichloroethane	< 2.00	ug/L		4/16/2021 14:35
1,1-Dichloroethane	< 2.00	ug/L		4/16/2021 14:35
1,1-Dichloroethene	< 2.00	ug/L		4/16/2021 14:35
1,2-Dichlorobenzene	< 2.00	ug/L		4/16/2021 14:35
1,2-Dichloroethane	< 2.00	ug/L		4/16/2021 14:35
1,2-Dichloropropane	< 2.00	ug/L		4/16/2021 14:35
1,3-Dichlorobenzene	< 2.00	ug/L		4/16/2021 14:35
1,4-Dichlorobenzene	< 2.00	ug/L		4/16/2021 14:35
2-Chloroethyl vinyl Ether	< 5.00	ug/L		4/16/2021 14:35
Benzene	< 1.00	ug/L		4/16/2021 14:35
Bromodichloromethane	< 2.00	ug/L		4/16/2021 14:35
Bromoform	< 5.00	ug/L		4/16/2021 14:35

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 211558

Client: **GM Components Holdings, LLC**

Project Reference: GMCH East Side GW Monitoring

Sample Identifier:	Groundwater East Side		
Lab Sample ID:	211558-01	**Date Sampled:**	4/15/2021
Matrix:	Wastewater	**Date Received:**	4/15/2021

Bromomethane	< 2.00	ug/L		4/16/2021 14:35
Carbon Tetrachloride	< 2.00	ug/L		4/16/2021 14:35
Chlorobenzene	< 2.00	ug/L		4/16/2021 14:35
Chloroethane	< 2.00	ug/L		4/16/2021 14:35
Chloroform	< 2.00	ug/L		4/16/2021 14:35
Chloromethane	< 2.00	ug/L		4/16/2021 14:35
cis-1,2-Dichloroethene	< 2.00	ug/L		4/16/2021 14:35
cis-1,3-Dichloropropene	< 2.00	ug/L		4/16/2021 14:35
Dibromochloromethane	< 2.00	ug/L		4/16/2021 14:35
Ethylbenzene	< 2.00	ug/L		4/16/2021 14:35
Methylene chloride	< 5.00	ug/L		4/16/2021 14:35
Tetrachloroethene	< 2.00	ug/L		4/16/2021 14:35
Toluene	< 2.00	ug/L		4/16/2021 14:35
trans-1,2-Dichloroethene	< 2.00	ug/L		4/16/2021 14:35
trans-1,3-Dichloropropene	< 2.00	ug/L		4/16/2021 14:35
Trichloroethene	< 2.00	ug/L		4/16/2021 14:35
Trichlorofluoromethane	< 2.00	ug/L		4/16/2021 14:35
Vinyl chloride	< 2.00	ug/L		4/16/2021 14:35

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**106**	64 - 142		4/16/2021 14:35
4-Bromofluorobenzene	**84.0**	37.2 - 146		4/16/2021 14:35
Pentafluorobenzene	**102**	91.4 - 114		4/16/2021 14:35
Toluene-D8	**99.5**	73.1 - 120		4/16/2021 14:35

Method Reference(s): EPA 624.1
Data File: z00890.D

The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.

Oil and Grease

Analyte	Result	Units	Qualifier	Date Analyzed
Oil & Grease (HEM)	< 4.59	mg/L		4/21/2021

Method Reference(s): EPA 1664B
Preparation Date: 4/21/2021

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, tern or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

1 of 2

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC

REPORT TO:		INVOICE TO:		LAB PROJECT ID
CLIENT:	GM Components Holdings, LLC	CLIENT:	H&A AP@haleyaldrich.com	211558
ADDRESS:	1000 Lexington Ave	ADDRESS:	200 Town Center Drive Suite 2	
CITY:	Rochester STATE: NY ZIP: 14606	CITY:	Rochester STATE: NY ZIP: 14623	Quotation #:
PHONE:	585-647-4766	PHONE:	(585) 321-4219	Email: gail.finkelstein@gm.com
ATTN:	Erik Anderson, Gail Finkelstein	ATTN:	Claire Mondello Project Ref # 127982-006	erik.anderson@gm.com

PROJECT REFERENCE

GMCH East Side GW Monitoring

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	PCBs 608	624 Site Specific	Oil annd Grease	REMARKS	PARADIGM LAB SAMPLE NUMBER
4/15/2021	1419		X	Groundwater East Side	WW	4	X	X	X	low level PCB DL (0.1 ppb)	01
										624 + cis1,2 DCE	
										email results to Denis Conley	
										dconley@haleyaldrich.com	

Turnaround Time		Report Supplements		
Availability contingent upon lab approval; additional fees may apply.				
Standard 5 day	X	None Required		None Required	
10 day		Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	
Rush 2 day		Category B			
Rush 1 day					
Other (please indicate date needed)		Other (please indicate package needed)		Other EDD (please indicate EDD needed)	

Sampled By — Date/Time: 4/15/2021

Relinquished By — Date/Time: 4/15/2021 1455

Received By — Date/Time: Mail 4/15/21 1528

Received @ Lab By — Date/Time

Total Cost:

P.I.F.

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

10°C iced started in field 4/15/21 15:06

See additional page for sample conditions.

PARADIGM

Chain of Custody Supplement

Client: GM Components **Completed by:** Mail

Lab Project ID: 211558 **Date:** 4/15/21

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt Yes	No	N/A
Container Type	✓		
Comments			
Transferred to method-compliant container			✓
Headspace (<1 mL)	VOA		PCB 0+6
Comments			
Preservation	VOA		PCB
Comments			
Chlorine Absent (<0.10 ppm per test strip)	✓		PCB 0+6
Comments	VOA - Cl⁻ neg.		
Holding Time	✓		
Comments			
Temperature	✓		
Comments	10°C iced started in field		
Compliant Sample Quantity/Type	✓		
Comments			

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

GM Components Holdings, LLC

For Lab Project ID

211559

Referencing

GMCH North Side GW Monitoring

Prepared

Wednesday, April 21, 2021

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 211559

Client: **GM Components Holdings, LLC**

Project Reference: GMCH North Side GW Monitoring

Sample Identifier:	Groundwater North Side (Combined)		
Lab Sample ID:	211559-01	**Date Sampled:**	4/15/2021
Matrix:	Wastewater	**Date Received:**	4/15/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0959	ug/L		4/16/2021 15:11
PCB-1221	< 0.0959	ug/L		4/16/2021 15:11
PCB-1232	< 0.0959	ug/L		4/16/2021 15:11
PCB-1242	< 0.0959	ug/L		4/16/2021 15:11
PCB-1248	< 0.0959	ug/L		4/16/2021 15:11
PCB-1254	< 0.0959	ug/L		4/16/2021 15:11
PCB-1260	< 0.0959	ug/L		4/16/2021 15:11

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**59.1**	28.9 - 97.9		4/16/2021 15:11

Method Reference(s): EPA 608.3
Preparation Date: 4/16/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 10.0	ug/L		4/19/2021 17:45
1,1,2,2-Tetrachloroethane	< 10.0	ug/L		4/19/2021 17:45
1,1,2-Trichloroethane	< 10.0	ug/L		4/19/2021 17:45
1,1-Dichloroethane	< 10.0	ug/L		4/19/2021 17:45
1,1-Dichloroethene	< 10.0	ug/L		4/19/2021 17:45
1,2-Dichlorobenzene	< 10.0	ug/L		4/19/2021 17:45
1,2-Dichloroethane	< 10.0	ug/L		4/19/2021 17:45
1,2-Dichloropropane	< 10.0	ug/L		4/19/2021 17:45
1,3-Dichlorobenzene	< 10.0	ug/L		4/19/2021 17:45
1,4-Dichlorobenzene	< 10.0	ug/L		4/19/2021 17:45
2-Chloroethyl vinyl Ether	< 25.0	ug/L		4/19/2021 17:45
Benzene	< 5.00	ug/L		4/19/2021 17:45
Bromodichloromethane	< 10.0	ug/L		4/19/2021 17:45
Bromoform	< 25.0	ug/L		4/19/2021 17:45

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 211559

Client: **GM Components Holdings, LLC**

Project Reference: GMCH North Side GW Monitoring

Sample Identifier:	Groundwater North Side (Combined)		
Lab Sample ID:	211559-01	**Date Sampled:**	4/15/2021
Matrix:	Wastewater	**Date Received:**	4/15/2021

Bromomethane	< 10.0	ug/L	4/19/2021	17:45
Carbon Tetrachloride	< 10.0	ug/L	4/19/2021	17:45
Chlorobenzene	< 10.0	ug/L	4/19/2021	17:45
Chloroethane	< 10.0	ug/L	4/19/2021	17:45
Chloroform	< 10.0	ug/L	4/19/2021	17:45
Chloromethane	< 10.0	ug/L	4/19/2021	17:45
cis-1,2-Dichloroethene	< 10.0	ug/L	4/19/2021	17:45
cis-1,3-Dichloropropene	< 10.0	ug/L	4/19/2021	17:45
Dibromochloromethane	< 10.0	ug/L	4/19/2021	17:45
Ethylbenzene	< 10.0	ug/L	4/19/2021	17:45
Methylene chloride	< 25.0	ug/L	4/19/2021	17:45
Tetrachloroethene	< 10.0	ug/L	4/19/2021	17:45
Toluene	< 10.0	ug/L	4/19/2021	17:45
trans-1,2-Dichloroethene	< 10.0	ug/L	4/19/2021	17:45
trans-1,3-Dichloropropene	< 10.0	ug/L	4/19/2021	17:45
Trichloroethene	< 10.0	ug/L	4/19/2021	17:45
Trichlorofluoromethane	< 10.0	ug/L	4/19/2021	17:45
Vinyl chloride	**308**	ug/L	4/19/2021	17:45

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**	
1,2-Dichloroethane-d4	**93.6**	64 - 142		4/19/2021	17:45
4-Bromofluorobenzene	**93.3**	37.2 - 146		4/19/2021	17:45
Pentafluorobenzene	**97.7**	91.4 - 114		4/19/2021	17:45
Toluene-D8	**91.7**	73.1 - 120		4/19/2021	17:45

Method Reference(s): EPA 624.1

Data File: z00930.D

The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, tern or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

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Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

1 of 2

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC

REPORT TO:		INVOICE TO:		LAB PROJECT ID
CLIENT:	GM Components Holdings, LLC	CLIENT:	H&A AP@haleyaldrich.com	211559
ADDRESS:	1000 Lexington Ave	ADDRESS:	200 Town Center Drive Suite 2	Quotation #:
CITY:	Rochester STATE: NY ZIP: 14606	CITY:	Rochester STATE: NY ZIP: 14623	
PHONE:	585-647-4766	PHONE:	(585) 321-4219	Email: gail.finkelstein@gm.com
ATTN:	Erik Anderson, Gail Finkelstein	ATTN:	Claire Mondello Project Ref# 127982-006	erik.anderson@gm.com

PROJECT REFERENCE

GMCH North Side GW Monitoring

Matrix Codes:
AQ - Aqueous Liquid; **NQ** - Non-Aqueous Liquid; **WA** - Water; **WG** - Groundwater; **DW** - Drinking Water; **WW** - Wastewater; **SO** - Soil; **SL** - Sludge; **SD** - Solid; **PT** - Paint; **WP** - Wipe; **CK** - Caulk; **OL** - Oil; **AR** - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	PCBs 608	624 Site Specific	REMARKS	PARADIGM LAB SAMPLE NUMBER
4/15/2021	1429		X	Groundwater North Side(Combined)	WW	3	X	X	low level PCB DL (0.1 ppb)	01
									624 + cis-1,2 DCE	
									email results to Denis Conley	
									dconley@haleyaldrich.com	

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	None Required	☐	None Required	☐
10 day	☐	Batch QC	☐	Basic EDD	☐
Rush 3 day	☐	Category A	☐	NYSDEC EDD	☐
Rush 2 day	☐	Category B	☐		
Rush 1 day	☐				
Other	☐	Other	☐	Other EDD	☐
please indicate date needed:		please indicate package needed:		please indicate EDD needed:	

Sampled By: Jae Fowle — Date/Time: 4/15/2021

Relinquished By: Jae Fowle — Date/Time: 4/15/2021 1455

Received By: Matt Nail — Date/Time: 4/15/21 1530

Received @ Lab By — Date/Time

Total Cost:

P.I.F.

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

9°C iced started in field 4/15/21 15:05

See additional page for sample conditions.

PARADIGM

Chain of Custody Supplement

Client: GM Components **Completed by:** Molly Nail

Lab Project ID: 211559 **Date:** 4/15/21

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt Yes	No	N/A
Container Type	✓		
Comments			
Transferred to method-compliant container			✓
Headspace (<1 mL)	VOA		PCB
Comments			
Preservation	VOA		PCB
Comments			
Chlorine Absent (<0.10 ppm per test strip)	✓		PCB
Comments	VOA : Cl⁻ neg.		
Holding Time	✓		
Comments			
Temperature	✓		
Comments	9°C iced started in field		
Compliant Sample Quantity/Type	✓		
Comments			

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HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

10 June 2021
File No. 0127982-100

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

Attention: Kelly C. Cloyd, PhD.

Subject: Progress Report No. 9 – May 2021 Reporting Period
Delphi Automotive Systems NYSDEC Site No. hw 8-28-064
1000 Lexington Avenue
Rochester, New York

Dear Dr. Cloyd:

Haley & Aldrich of New York (Haley & Aldrich) is submitting this Progress Report on behalf of our client, GM Components Holdings, LLC (GMCH), for activities conducted during the above-noted reporting period under the Order on Consent (Order) Index #B8-0531-98-06. The Order was executed between GMCH and the New York State Department of Environmental Conservation (NYSDEC) on 18 September 2020. This Progress Report provides a summary of project activities conducted since our last update on 10 May 2021.

ACTIVITIES CONDUCTED DURING THE REPORTING PERIOD

The remedial measures installed at the Site including the Building 22 light non-aqueous phase liquid (LNAPL) recovery system, the North Parking Lot groundwater migration control trench (MCT), the Eastside Water Treatment Area (EWTA) Groundwater Recovery and Treatment System (GRTS), Building 1 sub-slab depressurization system (SSDS) and automated LNAPL recovery systems operated throughout the month with the following exception.

- The EWTA GRTS was shut down on 8 June 2021 due to the leak in the GAC vessel which was contained within the building. The potential to repair or need to replace the vessel will be evaluated on 11 June 2021. We anticipate return of the system to normal operations within 2 weeks.

SAMPLING/TESTING RESULTS DURING REPORTING PERIOD

During May 2021, the groundwater volume (in gallons) recovered for treatment and discharge to the Monroe County sewer system under the facility's sewer use permit was:

- Bldg. 22 LNAPL and North Parking Lot MCT: 540,000

- EWTA GRTS: 92,000

Effluent samples were collected at the sewer discharge monitoring points on 17 May 2021. Copies of the laboratory reports are attached for your information.

The total volume of LNAPL recovered from the manual efforts performed on 7 June 2021 and automated recovery pump operations was approximately 39 gallons during the reporting period.

A well condition survey and water elevation measurements were obtained prior to the collection of groundwater samples at the Site from 26 May through 3 June 2021. Samples were submitted to ALS Environmental for analysis under a standard reporting turnaround time.

REPORTS AND DELIVERABLES

None this month.

ACTIVITIES ANTICIPATED FOR UPCOMING REPORTING PERIOD

Project activities anticipated to be completed in June 2021 include:

- The collection of groundwater samples for the analysis of Per and Poly fluoroalkyl Substances (PFAS) and 1,4 – dioxane in accordance with the sampling plan provided to the Department on 26 February 2021 as amended via e-mail correspondence on 4 June 2021.
- The continued operation and maintenance of the groundwater migration control, SSDS and automated LNAPL recovery systems,
- The collection of sewer discharge monitoring samples for compliance with the facility's sewer use permit,
- The continued preparation of the Final Engineering Report (FER) as described in the approved Remedial Work Plan (RWP) and,
- Review revisions to the DRAFT Site Management Plan (SMP) with the Department.
- Receipt of NYSDEC comments on their review of environmental easement package submitted on 8 December 2020.

If you have any questions concerning this information, please do not hesitate to contact us at 585-359-9000 or via electronic mail at dconley@haleyaldrich.com or cmondello@haleyaldrich.com.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Claire L. Mondello, CHMM
Program Manager

Denis M. Conley
Senior Associate

c: Julia Kenney, NYSDOH
David Pratt, NYSDEC
Dudley Loew, NYSDEC
Carol Stein, USEPA
James Hartnett, GM
Gail Finkelstein, GM
Jennifer Tegen, GM

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

GM Components Holdings, LLC

For Lab Project ID

212113

Referencing

GMCH East Side GW Monitoring

Prepared

Monday, May 24, 2021

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 212113

Client: **GM Components Holdings, LLC**

Project Reference: GMCH East Side GW Monitoring

Sample Identifier:	Groundwater East Side		
Lab Sample ID:	212113-01	**Date Sampled:**	5/17/2021
Matrix:	Wastewater	**Date Received:**	5/17/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0973	ug/L		5/20/2021 15:44
PCB-1221	< 0.0973	ug/L		5/20/2021 15:44
PCB-1232	< 0.0973	ug/L		5/20/2021 15:44
PCB-1242	< 0.0973	ug/L		5/20/2021 15:44
PCB-1248	< 0.0973	ug/L		5/20/2021 15:44
PCB-1254	< 0.0973	ug/L		5/20/2021 15:44
PCB-1260	< 0.0973	ug/L		5/20/2021 15:44

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**85.5**	28.9 - 97.9		5/20/2021 15:44

Method Reference(s): EPA 608.3
Preparation Date: 5/20/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/19/2021 18:14
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/19/2021 18:14
1,1,2-Trichloroethane	< 2.00	ug/L		5/19/2021 18:14
1,1-Dichloroethane	< 2.00	ug/L		5/19/2021 18:14
1,1-Dichloroethene	< 2.00	ug/L		5/19/2021 18:14
1,2-Dichlorobenzene	< 2.00	ug/L		5/19/2021 18:14
1,2-Dichloroethane	< 2.00	ug/L		5/19/2021 18:14
1,2-Dichloropropane	< 2.00	ug/L		5/19/2021 18:14
1,3-Dichlorobenzene	< 2.00	ug/L		5/19/2021 18:14
1,4-Dichlorobenzene	< 2.00	ug/L		5/19/2021 18:14
2-Chloroethyl vinyl Ether	< 5.00	ug/L		5/19/2021 18:14
Benzene	< 1.00	ug/L		5/19/2021 18:14
Bromodichloromethane	< 2.00	ug/L		5/19/2021 18:14
Bromoform	< 5.00	ug/L		5/19/2021 18:14

PARADIGM ENVIRONMENTAL SERVICES, INC.

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Matrix:	Wastewater	**Date Received:**	5/17/2021

Bromomethane	< 2.00	ug/L	5/19/2021	18:14
Carbon Tetrachloride	< 2.00	ug/L	5/19/2021	18:14
Chlorobenzene	< 2.00	ug/L	5/19/2021	18:14
Chloroethane	< 2.00	ug/L	5/19/2021	18:14
Chloroform	< 2.00	ug/L	5/19/2021	18:14
Chloromethane	< 2.00	ug/L	5/19/2021	18:14
cis-1,2-Dichloroethene	< 2.00	ug/L	5/19/2021	18:14
cis-1,3-Dichloropropene	< 2.00	ug/L	5/19/2021	18:14
Dibromochloromethane	< 2.00	ug/L	5/19/2021	18:14
Ethylbenzene	< 2.00	ug/L	5/19/2021	18:14
Methylene chloride	< 5.00	ug/L	5/19/2021	18:14
Tetrachloroethene	< 2.00	ug/L	5/19/2021	18:14
Toluene	< 2.00	ug/L	5/19/2021	18:14
trans-1,2-Dichloroethene	< 2.00	ug/L	5/19/2021	18:14
trans-1,3-Dichloropropene	< 2.00	ug/L	5/19/2021	18:14
Trichloroethene	< 2.00	ug/L	5/19/2021	18:14
Trichlorofluoromethane	< 2.00	ug/L	5/19/2021	18:14
Vinyl chloride	< 2.00	ug/L	5/19/2021	18:14

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**99.8**	64 - 142		5/19/2021	18:14
4-Bromofluorobenzene	**95.9**	37.2 - 146		5/19/2021	18:14
Pentafluorobenzene	**99.5**	91.4 - 114		5/19/2021	18:14
Toluene-D8	**94.0**	73.1 - 120		5/19/2021	18:14

Method Reference(s): EPA 624.1
Data File: z01719.D
The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.

Oil and Grease

Analyte	Result	Units	Qualifier	Date Analyzed
Oil & Grease (HEM)	<4.87	mg/L		5/18/2021

Method Reference(s): EPA 1664B
Preparation Date: 5/18/2021

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, tern or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

1 of 2

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC

REPORT TO:		INVOICE TO:		LAB PROJECT ID
CLIENT:	GM Components Holdings, LLC	CLIENT:	H&A AP@haleyaldrich.com	212113
ADDRESS:	1000 Lexington Ave	ADDRESS:	200 Town Center Drive Suite 2	Quotation #:
CITY:	Rochester STATE: NY ZIP: 14606	CITY:	Rochester STATE: NY ZIP: 14623	
PHONE:	585-647-4766	PHONE:	(585) 321-4219	Email: gail.finkelstein@gm.com
ATTN:	Erik Anderson, Gail Finkelstein	ATTN:	Claire Mondello Project Ref # 127982-006	erik.anderson@gm.com

PROJECT REFERENCE

GMCH East Side GW Monitoring

Matrix Codes:
AQ - Aqueous Liquid; **NQ** - Non-Aqueous Liquid; **WA** - Water; **WG** - Groundwater; **DW** - Drinking Water; **WW** - Wastewater; **SO** - Soil; **SL** - Sludge; **SD** - Solid; **PT** - Paint; **WP** - Wipe; **CK** - Caulk; **OL** - Oil; **AR** - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	PCBs 608	624 Site Specific	Oil annd Grease	REMARKS	PARADIGM LAB SAMPLE NUMBER
5/17/21	1323		X	Groundwater East Side	WW	4	X	X	X	low level PCB DL (0.1 ppb)	01
										624 + cis1,2 DCE	
										email results to Denis Conley	
										dconley@haleyaldrich.com	

15°C iced started in field
MS 5/17/21 1405

Turnaround Time		Report Supplements		
Availability contingent upon lab approval; additional fees may apply.				
Standard 5 day	X	None Required		None Required	
10 day		Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	
Rush 2 day		Category B			
Rush 1 day					
Other (please indicate date needed)		Other (please indicate package needed)		Other EDD (please indicate EDD needed)	

Sampled By — Date/Time: 5/17/21

Relinquished By — Date/Time: 5/17/21 1359

Total Cost:

Received By — Date/Time: 5/17/21 1415

Received @ Lab By — Date/Time

P.I.F.

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

See additional page for sample conditions.

2082

PARADIGM

Chain of Custody Supplement

Client: GM Components **Completed by:** McDaid

Lab Project ID: 212113 **Date:** 5/17/21

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	✓		
Comments			
Transferred to method-compliant container			✓
Headspace (<1 mL)	VOA		PCB 6+6
Comments			
Preservation	VOA		PCB
Comments			
Chlorine Absent (<0.10 ppm per test strip)	✓		PCB 6+6
Comments	VOA: Cl⁻ neg.		
Holding Time	✓		
Comments			
Temperature	✓		
Comments	15°C; ice started in field		
Compliant Sample Quantity/Type	✓		
Comments			

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

GM Components Holdings, LLC

For Lab Project ID

212114

Referencing

GMCH North Side GW Monitoring

Prepared

Monday, May 24, 2021

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

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PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 212114

Client: **GM Components Holdings, LLC**

Project Reference: GMCH North Side GW Monitoring

Sample Identifier:	Groundwater North Side (Combined)		
Lab Sample ID:	212114-01	**Date Sampled:**	5/17/2021
Matrix:	Wastewater	**Date Received:**	5/17/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0959	ug/L		5/20/2021 16:10
PCB-1221	< 0.0959	ug/L		5/20/2021 16:10
PCB-1232	< 0.0959	ug/L		5/20/2021 16:10
PCB-1242	< 0.0959	ug/L		5/20/2021 16:10
PCB-1248	< 0.0959	ug/L		5/20/2021 16:10
PCB-1254	< 0.0959	ug/L		5/20/2021 16:10
PCB-1260	< 0.0959	ug/L		5/20/2021 16:10

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**86.8**	28.9 - 97.9		5/20/2021 16:10

Method Reference(s): EPA 608.3
Preparation Date: 5/20/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.00	ug/L		5/19/2021 18:35
1,1,2,2-Tetrachloroethane	< 4.00	ug/L		5/19/2021 18:35
1,1,2-Trichloroethane	< 4.00	ug/L		5/19/2021 18:35
1,1-Dichloroethane	< 4.00	ug/L		5/19/2021 18:35
1,1-Dichloroethene	< 4.00	ug/L		5/19/2021 18:35
1,2-Dichlorobenzene	< 4.00	ug/L		5/19/2021 18:35
1,2-Dichloroethane	< 4.00	ug/L		5/19/2021 18:35
1,2-Dichloropropane	< 4.00	ug/L		5/19/2021 18:35
1,3-Dichlorobenzene	< 4.00	ug/L		5/19/2021 18:35
1,4-Dichlorobenzene	< 4.00	ug/L		5/19/2021 18:35
2-Chloroethyl vinyl Ether	< 10.0	ug/L		5/19/2021 18:35
Benzene	< 2.00	ug/L		5/19/2021 18:35
Bromodichloromethane	< 4.00	ug/L		5/19/2021 18:35
Bromoform	< 10.0	ug/L		5/19/2021 18:35

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Bromomethane	< 4.00	ug/L	5/19/2021	18:35
Carbon Tetrachloride	< 4.00	ug/L	5/19/2021	18:35
Chlorobenzene	< 4.00	ug/L	5/19/2021	18:35
Chloroethane	< 4.00	ug/L	5/19/2021	18:35
Chloroform	< 4.00	ug/L	5/19/2021	18:35
Chloromethane	< 4.00	ug/L	5/19/2021	18:35
cis-1,2-Dichloroethene	**8.05**	ug/L	5/19/2021	18:35
cis-1,3-Dichloropropene	< 4.00	ug/L	5/19/2021	18:35
Dibromochloromethane	< 4.00	ug/L	5/19/2021	18:35
Ethylbenzene	< 4.00	ug/L	5/19/2021	18:35
Methylene chloride	< 10.0	ug/L	5/19/2021	18:35
Tetrachloroethene	< 4.00	ug/L	5/19/2021	18:35
Toluene	< 4.00	ug/L	5/19/2021	18:35
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trans-1,3-Dichloropropene	< 4.00	ug/L	5/19/2021	18:35
Trichloroethene	< 4.00	ug/L	5/19/2021	18:35
Trichlorofluoromethane	< 4.00	ug/L	5/19/2021	18:35
Vinyl chloride	**216**	ug/L	5/19/2021	18:35

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**	
1,2-Dichloroethane-d4	**103**	64 - 142		5/19/2021	18:35
4-Bromofluorobenzene	**99.7**	37.2 - 146		5/19/2021	18:35
Pentafluorobenzene	**105**	91.4 - 114		5/19/2021	18:35
Toluene-D8	**98.2**	73.1 - 120		5/19/2021	18:35

Method Reference(s): EPA 624.1

Data File: z01720.D

The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.

Analytical Report Appendix

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"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
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Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
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Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
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LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

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Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

1 of 2

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC.

REPORT TO:		INVOICE TO:		
CLIENT:	GM Components Holdings, LLC	CLIENT:	H&A AP@haleyaldrich.com	LAB PROJECT ID: 212114
ADDRESS:	1000 Lexington Ave	ADDRESS:	200 Town Center Drive Suite 2	
CITY:	Rochester STATE: NY ZIP: 14606	CITY:	Rochester STATE: NY ZIP: 14623	Quotation #:
PHONE:	585-647-4766	PHONE:	(585) 321-4219	Email: gail.finkelstein@gm.com
ATTN:	Erik Anderson, Gail Finkelstein	ATTN:	Claire Mondello Project Ref# 127982-006	erik.anderson@gm.com

PROJECT REFERENCE

GMCH North Side GW Monitoring

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	PCBs 608	624 Site Specific	REMARKS	PARADIGM LAB SAMPLE NUMBER
5/17/21	1334		X	Groundwater North Side(Combined)	WW	3	X	X	low level PCB DL (0.1 ppb)	01
									624 + cis-1,2 DCE	
									email results to Denis Conley	
									dconley@haleyaldrich.com	
									15°C; iced started in field on 5/17/21 1405	

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	None Required		None Required	
10 day		Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	
Rush 2 day		Category B			
Rush 1 day					
Other (please indicate date needed: ____)		Other (please indicate package needed: ____)		Other EDD (please indicate EDD needed: ____)	

Sampled By: [signature] Date/Time: 5/17/21

Relinquished By: [signature] Date/Time: 5/17/21 1359

Total Cost:

Received By: [signature] Date/Time: 5/17/21 1416

Received @ Lab By: Date/Time

P.I.F.

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

See additional page for sample conditions.

PARADIGM

Chain of Custody Supplement

Client: GM Components **Completed by:** Mollykail

Lab Project ID: 212114 **Date:** 5/17/21

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	☒	☐	☐
Comments			
Transferred to method-compliant container	☐	☐	☒
Headspace (<1 mL)	VOA	☐	PCB
Comments			
Preservation	VOA	☐	~~PCB~~ ~~CP3~~ Keem 5/17/21
Comments			
Chlorine Absent (<0.10 ppm per test strip)	☒	☐	PCB
Comments	VOA Cl⁻ neg.		
Holding Time	☒	☐	☐
Comments			
Temperature	☒	☐	☐
Comments	15°C; ice started in field		
Compliant Sample Quantity/Type	☒	☐	☐
Comments			

HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

12 July 2021
File No. 0127982-100

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

Attention: Kelly C. Cloyd, PhD.

Subject: Progress Report No. 10 – June 2021 Reporting Period
Delphi Automotive Systems NYSDEC Site No. 8-28-064
1000 Lexington Avenue
Rochester, New York

Dear Dr. Cloyd:

Haley & Aldrich of New York (Haley & Aldrich) is submitting this Progress Report on behalf of our client, GM Components Holdings, LLC (GMCH), for activities conducted during the above-noted reporting period under the Order on Consent (Order) Index #B8-0531-98-06. The Order was executed between GMCH and the New York State Department of Environmental Conservation (NYSDEC) on 18 September 2020. This Progress Report provides a summary of project activities conducted since our last update on 10 June 2021.

ACTIVITIES CONDUCTED DURING THE REPORTING PERIOD

The remedial measures installed at the Site including the Building 22 light non-aqueous phase liquid (LNAPL) recovery system, the North Parking Lot groundwater migration control trench (MCT), the Eastside Water Treatment Area (EWTA) Groundwater Recovery and Treatment System (GRTS), Building 1 sub-slab depressurization system (SSDS) and automated LNAPL recovery systems operated throughout the month with the following exception.

- Suction Fan #1 of the Building 1 SSDS shutdown on 7 July 2021. The fan will be replaced with a spare unit and the suction pit will be returned to operation within 2 weeks. The remaining suction fans will remain in operation during the interim shutdown.

SAMPLING/TESTING RESULTS DURING REPORTING PERIOD

During June 2021, the groundwater volume (in gallons) recovered for treatment and discharge to the Monroe County sewer system under the facility's sewer use permit was:

- Bldg. 22 LNAPL and North Parking Lot MCT: 395,000
- EWTA GRTS: 56,000

Effluent samples were collected at the sewer discharge monitoring points on 23 June 2021. Copies of the laboratory reports are attached for your information.

The total volume of LNAPL recovered from the manual efforts performed on 1 July 2021 and automated recovery pump operations was approximately 28 gallons during the reporting period.

Groundwater samples were collected from monitoring wells SR-101, SR-103 and SR-107 for the analysis of per and polyfluoroalkyl substances (PFAS) and 1,4-dioxane on 24 June 2021. Samples were submitted to Eurofins Test America Laboratories, Inc., Burlington, VT for analysis under a standard reporting turnaround time.

REPORTS AND DELIVERABLES

On 11 June 2021, The DRAFT Site Management Plan (SMP) was re-submitted to the New York State Department of Health via a sharefile link at the request of Julia Kenney P.G., the NYSDOH Public Health Specialist for the project.

ACTIVITIES ANTICIPATED FOR UPCOMING REPORTING PERIOD

Project activities anticipated to be completed in July 2021 include:

- The continued operation and maintenance of the groundwater migration control, SSDS and automated LNAPL recovery systems,
- The collection of sewer discharge monitoring samples for compliance with the facility's sewer use permit,
- Receipt of results from the PFAS and 1,4 dioxane groundwater sampling event from the laboratory,
- The continued preparation of the Final Engineering Report (FER) as described in the approved Remedial Work Plan (RWP) and,
- Receipt of NYSDEC and NYSDOH comments from the review of the DRAFT SMP and Environmental Easement information package submitted on 8 December 2020.

If you have any questions concerning this information, please do not hesitate to contact us at 585-359-9000 or via electronic mail at dconley@haleyaldrich.com or cmondello@haleyaldrich.com.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Claire L. Mondello

Denis M. Conley

Claire L. Mondello, CHMM
Program Manager

Denis M. Conley
Senior Associate

c: Julia Kenney, NYSDOH
David Pratt, NYSDEC
Dudley Loew, NYSDEC
Carol Stein, USEPA
James Hartnett, GM
Gail Finkelstein, GM
Jennifer Tegen, GM

G:\127982_GMCH Lexington\Remedial Action Order\Monthly Reports\10-July\2021_0712_Monthly Progress Report_June 2021_F.docx

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

GM Components Holdings, LLC

For Lab Project ID

212550

Referencing

GMCH North Side GW Monitoring

Prepared

Wednesday, June 16, 2021

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 212550

Client: **GM Components Holdings, LLC**

Project Reference: GMCH North Side GW Monitoring

Sample Identifier:	Groundwater North Side (Combined)		
Lab Sample ID:	212550-01	**Date Sampled:**	6/10/2021
Matrix:	Wastewater	**Date Received:**	6/10/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0971	ug/L		6/15/2021 16:14
PCB-1221	< 0.0971	ug/L		6/15/2021 16:14
PCB-1232	< 0.0971	ug/L		6/15/2021 16:14
PCB-1242	< 0.0971	ug/L		6/15/2021 16:14
PCB-1248	< 0.0971	ug/L		6/15/2021 16:14
PCB-1254	< 0.0971	ug/L		6/15/2021 16:14
PCB-1260	< 0.0971	ug/L		6/15/2021 16:14

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**30.0**	28.9 - 97.9		6/15/2021 16:14

Method Reference(s): EPA 608.3
Preparation Date: 6/11/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.00	ug/L		6/11/2021 16:52
1,1,2,2-Tetrachloroethane	< 4.00	ug/L		6/11/2021 16:52
1,1,2-Trichloroethane	< 4.00	ug/L		6/11/2021 16:52
1,1-Dichloroethane	< 4.00	ug/L		6/11/2021 16:52
1,1-Dichloroethene	< 4.00	ug/L		6/11/2021 16:52
1,2-Dichlorobenzene	< 4.00	ug/L		6/11/2021 16:52
1,2-Dichloroethane	< 4.00	ug/L		6/11/2021 16:52
1,2-Dichloropropane	< 4.00	ug/L		6/11/2021 16:52
1,3-Dichlorobenzene	< 4.00	ug/L		6/11/2021 16:52
1,4-Dichlorobenzene	< 4.00	ug/L		6/11/2021 16:52
2-Chloroethyl vinyl Ether	< 10.0	ug/L		6/11/2021 16:52
Benzene	< 2.00	ug/L		6/11/2021 16:52
Bromodichloromethane	< 4.00	ug/L		6/11/2021 16:52
Bromoform	< 10.0	ug/L		6/11/2021 16:52

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Lab Project ID: 212550

Client: **GM Components Holdings, LLC**

Project Reference: GMCH North Side GW Monitoring

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Lab Sample ID:	212550-01	**Date Sampled:**	6/10/2021
Matrix:	Wastewater	**Date Received:**	6/10/2021

Bromomethane	< 4.00	ug/L	6/11/2021	16:52
Carbon Tetrachloride	< 4.00	ug/L	6/11/2021	16:52
Chlorobenzene	< 4.00	ug/L	6/11/2021	16:52
Chloroethane	< 4.00	ug/L	6/11/2021	16:52
Chloroform	< 4.00	ug/L	6/11/2021	16:52
Chloromethane	< 4.00	ug/L	6/11/2021	16:52
cis-1,2-Dichloroethene	**12.2**	ug/L	6/11/2021	16:52
cis-1,3-Dichloropropene	< 4.00	ug/L	6/11/2021	16:52
Dibromochloromethane	< 4.00	ug/L	6/11/2021	16:52
Ethylbenzene	< 4.00	ug/L	6/11/2021	16:52
Methylene chloride	< 10.0	ug/L	6/11/2021	16:52
Tetrachloroethene	< 4.00	ug/L	6/11/2021	16:52
Toluene	< 4.00	ug/L	6/11/2021	16:52
trans-1,2-Dichloroethene	< 4.00	ug/L	6/11/2021	16:52
trans-1,3-Dichloropropene	< 4.00	ug/L	6/11/2021	16:52
Trichloroethene	< 4.00	ug/L	6/11/2021	16:52
Trichlorofluoromethane	< 4.00	ug/L	6/11/2021	16:52
Vinyl chloride	**330**	ug/L	6/11/2021	16:52

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**	
1,2-Dichloroethane-d4	**110**	64 - 142		6/11/2021	16:52
4-Bromofluorobenzene	**94.6**	37.2 - 146		6/11/2021	16:52
Pentafluorobenzene	**101**	91.4 - 114		6/11/2021	16:52
Toluene-D8	**96.2**	73.1 - 120		6/11/2021	16:52

Method Reference(s): EPA 624.1

Data File: z02284.D

The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, tern or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
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LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

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Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:	
CLIENT:	GM Components Holdings, LLC	CLIENT:	H&A AP@haleyaldrich.com
ADDRESS:	1000 Lexington Ave	ADDRESS:	200 Town Center Drive Suite 2
CITY:	Rochester STATE: NY ZIP: 14606	CITY:	Rochester STATE: NY ZIP: 14623
PHONE:	585-647-4766	PHONE:	(585) 321-4219
ATTN:	Erik Anderson, Gail Finkelstein	ATTN:	Claire Mondello Project Ref# 127982-006

LAB PROJECT ID: 212550

Quotation #:

Email: gail.finkelstein@gm.com
erik.anderson@gm.com

PROJECT REFERENCE

GMCH North Side GW Monitoring

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	PCBs 608	624 Site Specific	REMARKS	PARADIGM LAB SAMPLE NUMBER
6/10/21	0952		X	Groundwater North Side(Combined)	WW	3	X	X	low level PCB DL (0.1 ppb)	01
									624 + cis-1,2 DCE	
									email results to Denis Conley	
									dconley@haleyaldrich.com	

Turnaround Time		Report Supplements		
Availability contingent upon lab approval; additional fees may apply.				
Standard 5 day	X	None Required		None Required	
10 day		Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	
Rush 2 day		Category B			
Rush 1 day					
Other (please indicate date needed:)		Other (please indicate package needed:)		Other EDD (please indicate EDD needed:)	

Sampled By — Date/Time: 6/10/21

Relinquished By — Date/Time: 6/10/21 1006

Total Cost:

Received By — Date/Time:

Received @ Lab By — Date/Time: 6/10/21 11:13

P.I.F.

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

15°C iced started in field 6/10/21 11:05

See additional page for sample conditions.

PARADIGM

Chain of Custody Supplement

Client: GM Components Holdings **Completed by:** Glenn Perrulo

Lab Project ID: 212550 **Date:** 6/10/21

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	X VOA		X
Comments			
Preservation	X		
Comments			
Chlorine Absent (<0.10 ppm per test strip)	X		X
Comments	VOA 624: Cl⁻ neg.		
Holding Time	X		
Comments			
Temperature	X		
Comments	15°C iced started in Field		
Compliant Sample Quantity/Type	X		
Comments			

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

GM Components Holdings, LLC

For Lab Project ID

212764

Referencing

GMCH East Side GW Monitoring

Prepared

Wednesday, June 30, 2021

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 212764

Client: **GM Components Holdings, LLC**

Project Reference: GMCH East Side GW Monitoring

Sample Identifier:	Groundwater East Side		
Lab Sample ID:	212764-01	**Date Sampled:**	6/23/2021
Matrix:	Wastewater	**Date Received:**	6/23/2021

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0973	ug/L		6/25/2021 09:34
PCB-1221	< 0.0973	ug/L		6/25/2021 09:34
PCB-1232	< 0.0973	ug/L		6/25/2021 09:34
PCB-1242	< 0.0973	ug/L		6/25/2021 09:34
PCB-1248	< 0.0973	ug/L		6/25/2021 09:34
PCB-1254	< 0.0973	ug/L		6/25/2021 09:34
PCB-1260	< 0.0973	ug/L		6/25/2021 09:34

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**45.5**	28.9 - 97.9		6/25/2021 09:34

Method Reference(s): EPA 608.3
Preparation Date: 6/24/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		6/28/2021 14:45
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		6/28/2021 14:45
1,1,2-Trichloroethane	< 2.00	ug/L		6/28/2021 14:45
1,1-Dichloroethane	< 2.00	ug/L		6/28/2021 14:45
1,1-Dichloroethene	< 2.00	ug/L		6/28/2021 14:45
1,2-Dichlorobenzene	< 2.00	ug/L		6/28/2021 14:45
1,2-Dichloroethane	< 2.00	ug/L		6/28/2021 14:45
1,2-Dichloropropane	< 2.00	ug/L		6/28/2021 14:45
1,3-Dichlorobenzene	< 2.00	ug/L		6/28/2021 14:45
1,4-Dichlorobenzene	< 2.00	ug/L		6/28/2021 14:45
2-Chloroethyl vinyl Ether	< 5.00	ug/L		6/28/2021 14:45
Benzene	< 1.00	ug/L		6/28/2021 14:45
Bromodichloromethane	< 2.00	ug/L		6/28/2021 14:45
Bromoform	< 5.00	ug/L		6/28/2021 14:45

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 212764

Client: **GM Components Holdings, LLC**

Project Reference: GMCH East Side GW Monitoring

Sample Identifier:	Groundwater East Side		
Lab Sample ID:	212764-01	**Date Sampled:**	6/23/2021
Matrix:	Wastewater	**Date Received:**	6/23/2021

Bromomethane	< 2.00	ug/L	6/28/2021	14:45
Carbon Tetrachloride	< 2.00	ug/L	6/28/2021	14:45
Chlorobenzene	< 2.00	ug/L	6/28/2021	14:45
Chloroethane	< 2.00	ug/L	6/28/2021	14:45
Chloroform	< 2.00	ug/L	6/28/2021	14:45
Chloromethane	< 2.00	ug/L	6/28/2021	14:45
cis-1,2-Dichloroethene	< 2.00	ug/L	6/28/2021	14:45
cis-1,3-Dichloropropene	< 2.00	ug/L	6/28/2021	14:45
Dibromochloromethane	< 2.00	ug/L	6/28/2021	14:45
Ethylbenzene	< 2.00	ug/L	6/28/2021	14:45
Methylene chloride	< 5.00	ug/L	6/28/2021	14:45
Tetrachloroethene	< 2.00	ug/L	6/28/2021	14:45
Toluene	< 2.00	ug/L	6/28/2021	14:45
trans-1,2-Dichloroethene	< 2.00	ug/L	6/28/2021	14:45
trans-1,3-Dichloropropene	< 2.00	ug/L	6/28/2021	14:45
Trichloroethene	< 2.00	ug/L	6/28/2021	14:45
Trichlorofluoromethane	< 2.00	ug/L	6/28/2021	14:45
Vinyl chloride	< 2.00	ug/L	6/28/2021	14:45

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**106**	64 - 142		6/28/2021	14:45
4-Bromofluorobenzene	**86.0**	37.2 - 146		6/28/2021	14:45
Pentafluorobenzene	**95.9**	91.4 - 114		6/28/2021	14:45
Toluene-D8	**104**	73.1 - 120		6/28/2021	14:45

Method Reference(s): EPA 624.1
Data File: z02607.D

The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.

Oil and Grease

Analyte	Result	Units	Qualifier	Date Analyzed
Oil & Grease (HEM)	<4.76	mg/L		6/29/2021

Method Reference(s): EPA 1664B
Preparation Date: 6/29/2021

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, tern or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

1 of 2

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC.

REPORT TO:		INVOICE TO:		LAB PROJECT ID
CLIENT:	GM Components Holdings, LLC	CLIENT:	H&A AP@haleyaldrich.com	212764
ADDRESS:	1000 Lexington Ave	ADDRESS:	200 Town Center Drive Suite 2	
CITY:	Rochester STATE: NY ZIP: 14606	CITY:	Rochester STATE: NY ZIP: 14623	Quotation #:
PHONE:	585-647-4766	PHONE:	(585) 321-4219	Email: gail.finkelstein@gm.com
ATTN:	Erik Anderson, Gail Finkelstein	ATTN:	Claire Mondello Project Ref # 127982-006	erik.anderson@gm.com

PROJECT REFERENCE

GMCH East Side GW Monitoring

Matrix Codes:
AQ - Aqueous Liquid; **NQ** - Non-Aqueous Liquid; **WA** - Water; **WG** - Groundwater; **DW** - Drinking Water; **WW** - Wastewater; **SO** - Soil; **SL** - Sludge; **SD** - Solid; **PT** - Paint; **WP** - Wipe; **CK** - Caulk; **OL** - Oil; **AR** - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	PCBs 608	624 Site Specific	Oil annd Grease							REMARKS	PARADIGM LAB SAMPLE NUMBER
6/23/21	0810		X	Groundwater East Side	WW	4	X	X	X							low level PCB DL (0.1 ppb)	01
																624 + cis1,2 DCE	
																email results to Denis Conley	
																dconley@haleyaldrich.com	

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	None Required	☐	None Required	☐
10 day	☐	Batch QC	☐	Basic EDD	☐
Rush 3 day	☐	Category A	☐	NYSDEC EDD	☐
Rush 2 day	☐	Category B	☐		
Rush 1 day	☐				
Other	☐	Other	☐	Other EDD	☐
please indicate date needed:		please indicate package needed:		please indicate EDD needed :	

Sampled By — Date/Time: 6/23/21

Relinquished By — Date/Time: 6/23/21 1115

Total Cost:

Received By — Date/Time:

Received @ Lab By — Date/Time: 6/23/21 11:50

P.I.F.

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

14°C iced started in Field 6/23/21 11:11

See additional page for sample conditions.

PARADIGM

Chain of Custody Supplement

Client: GM Components Holdings **Completed by:** Glenn Pezzulo

Lab Project ID: 212764 **Date:** 6/23/21

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	X VOA		X
Comments			
Preservation	X		X PCB
Comments			
Chlorine Absent (<0.10 ppm per test strip)	X		X
Comments	VOA 624: Cl⁻ neg.		
Holding Time	X		
Comments			
Temperature	X		
Comments	14 °C iced started in field		
Compliant Sample Quantity/Type	X		
Comments			

APPENDIX J – DATA USABILITY SUMMARY REPORTS

CONESTOGA-ROVERS & ASSOCIATES

2055 Niagara Falls Blvd., Suite #3
Niagara Falls, New York 14304
Telephone: (716) 297-6150 Fax: (716) 297-2265
www.CRAworld.com

MEMORANDUM

TO:	Denis Conley [dconley@haleyaldrich.com] Chris Boron [cboron@gza.com]	REF. NO.:	058507-255007
FROM:	Kathy Willy/adh/97	DATE:	May 30, 2014
RE:	**Analytical Results and Full Validation Soil Vapor Investigation Plant 1/2 General Motors Corporation Rochester, New York May 2014**		

1.0 Introduction

The following document details a validation of analytical results for sub-slab and ambient air samples collected in support of the Soil Vapor Investigation Plant 1/2 at the GM Rochester Site during May 2014. Samples were submitted to TestAmerica Laboratories, Inc., located in Burlington, Vermont. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Full Contract Laboratory Program (CLP) equivalent raw data deliverables were provided by the laboratory. Evaluation of the data was based on information obtained from the finished data sheets, raw data, chain of custody forms, calibration data, blank data, and laboratory control samples (LCS). The assessment of analytical and in-house data included checks for: data consistency (by observing comparability of duplicate analyses), adherence to accuracy and precision criteria, and transmittal errors.

The quality assurance/quality control (QA/QC) criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and applicable guidance from the document entitled:

i) "USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review", United States Environmental Protection Agency (USEPA) 540-R-08-01, June 2008

Item i) will subsequently be referred to as the "Guidelines" in this Memorandum.

EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER

REGISTERED COMPANY FOR ISO 9001 ENGINEERING DESIGN

2.0 Sample Holding Time and Preservation

The sample holding time criteria for the analyses are summarized in Table 2. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were analyzed within the required holding times.

All samples were properly received and stored by the laboratory.

3.0 Gas Chromatography/Mass Spectrometer (GC/MS) – Tuning and Mass Calibration (Instrument Performance Check) and Inductively Coupled Plasma/Mass Spectrometer (ICP/MS)

Organic Analyses

Prior to volatile organic compound (VOC) analysis, GC/MS instrumentation is tuned to ensure optimization over the mass range of interest. To evaluate instrument tuning, the method requires the analysis of the specific tuning compound bromofluorobenzene (BFB). The resulting spectra must meet the criteria cited in the methods before analysis is initiated. Analysis of the tuning compound must then be repeated every 24 hours throughout sample analysis to ensure the continued optimization of the instrument.

Tuning compounds were analyzed at the required frequency throughout the VOC analysis periods. All tuning criteria were met, indicating that proper optimization of the instrumentation was achieved.

4.0 Initial Calibration – VOC Analyses

GC/MS

To quantify VOC compounds of interest in samples, calibration of the GC/MS over a specific concentration range must be performed. Initially, a five-point calibration curve containing all compounds of interest is analyzed to characterize instrument response for each analyte over a specific concentration range. Linearity of the calibration curve and instrument sensitivity are evaluated against the following criteria:

i) All relative response factors (RRFs) must be greater than or equal to 0.05
ii) The percent relative standard deviation (RSD) values must not exceed 30.0 percent or a minimum correlation coefficient (R) of 0.995 and minimum coefficient of determination (R^2) of 0.99 if linear and quadratic equation calibration curves, respectively, are used

The initial calibration data for VOCs was reviewed. All compounds met the above criteria for sensitivity and linearity.

5.0 Continuing Calibration - VOC Analyses

GC/MS

To ensure that instrument calibration for VOC analyses is acceptable throughout the sample analysis period, continuing calibration standards must be analyzed and compared to the initial calibration curve every 24 hours.

The following criteria were employed to evaluate continuing calibration data:

i) All RRF values must be greater than or equal to 0.05
ii) Percent difference (%D) values must not exceed 30 percent

Calibration standards were analyzed at the required frequency, and the results met the above criteria for instrument sensitivity and stability.

6.0 Laboratory Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

All method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation.

7.0 Internal Standards (IS) Analyses

IS data were evaluated for all VOC sample analyses.

To ensure that changes in the GC/MS sensitivity and response do not affect sample analysis results, IS compounds are added to each sample prior to analysis. All results are then calculated as a ratio of the IS responses.

The sample IS results were evaluated against the following criteria:

i) The retention time of the IS must not vary more than ±30 seconds from the associated calibration standard
ii) IS area counts must not vary by more than -60 percent to +140 percent from the associated calibration standard

All organic IS recoveries and retention times met the above criteria.

8.0 Laboratory Control Sample Analyses

LCS are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects.

For this study, LCS were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

The LCS contained all compounds of interest. All LCS recoveries were within the laboratory control limits, demonstrating acceptable analytical accuracy.

9.0 Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses - VOC Analyses

To evaluate the effects of sample matrices on the extraction or digestion process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS/MSD samples. The RPD between the MS and MSD is used to assess analytical precision.

MS/MSD analyses were not performed on site-specific samples.

10.0 Field QA/QC Samples

Field QA/QC samples were not collected for this sampling event.

11.0 Analyte Reporting

The laboratory reported detected results down to the laboratory's method detection limit (MDL) for each analyte. No positive analyte detections less than the practical quantitation limit (PQL) but greater than the MDL were reported. Non-detect results were presented as non-detect at the PQL in Table 2.

The laboratory was asked to report additional compounds after the samples were analyzed. Sample results that exceeded the instruments calibrated range have been reported as estimated. A summary of qualified results is presented in Table 4.

12.0 Target Compound Identification

To minimize erroneous compound identification during organic analyses, qualitative criteria including compound retention time and mass spectra (if applicable) were evaluated according to the identification criteria established by the methods. The samples were reviewed. The organic compounds reported adhered to the specified identification criteria.

13.0 Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable with the specific qualifications noted herein.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
SOIL VAPOR INVESTIGATION PLANT 1/2
GENERAL MOTORS CORPORATION
ROCHESTER, NEW YORK
MAY 2014

Sample Identification	*Location*	*Matrix*	*Collection Date (mm/dd/yyyy)*	*Collection Time (hr:min)*	*Analysis/ Parameters* T0-15	*Comments*
2288-050214-0925	G-29	Sub-slab	05/02/2014	17:41	x	
2288-050214-0916	P-9	Ambient	05/02/2014	17:45	x	
2288-050214-0920	E-19	Sub-slab	05/02/2014	17:43	x	
2288-050214-0922	E-19	Ambient	05/02/2014	17:43	x	
2288-050214-0950	LL-25	Ambient	05/02/2014	17:53	x	
2288-050214-1005	DD-31	Ambient	05/02/2014	17:56	x	
2288-050214-1011	SS-37	Sub-slab	05/02/2014	17:26	x	
2288-050214-1012	SS-37	Ambient	05/02/2014	18:15	x	
2288-050214-1020	NN-58	Sub-slab	05/02/2014	17:59	x	
2288-050214-1021	NN-58	Ambient	05/02/2014	13:45	x	
2288-050214-1030	VU-9	Sub-slab	05/02/2014	18:40	x	
2288-050214-0927	G-29	Ambient	05/02/2014	17:41	x	
2288-050214-1032	VU-9	Ambient	05/02/2014	18:40	x	
2288-050214-0935	L-39	Sub-slab	05/02/2014	17:39	x	
2288-050214-0937	L-39	Ambient	05/02/2014	17:39	x	
2288-050214-0943	HH-37	Sub-slab	05/02/2014	17:31	x	
2288-050214-0945	HH-37	Ambient	05/02/2014	17:10	x	
2288-050214-0907	W-25	Ambient	05/02/2014	17:47	x	
2288-050214-0908	W-25	Sub-slab	05/02/2014	17:47	x	
2288-050214-0914	P-9	Sub-slab	05/02/2014	17:45	x	

TABLE 2

ANALYTICAL RESULTS SUMMARY
SOIL VAPOR INVESTIGATION PLANT 1/2
GENERAL MOTORS CORPORATION
ROCHESTER, NEW YORK
MAY 2014

Sample Location:	*DD-31*	*DD-31*	*E-19*	*E-19*	*E-19*	*E-19*	*G-29*	*G-29*
Sample ID:	*2288-050214-1005*	*2288-050214-1005*	*2288-050214-0920*	*2288-050214-0920*	*2288-050214-0922*	*2288-050214-0922*	*2288-050214-0925*	*2288-050214-0925*
Sample Date:	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*
	ppbv	*µg/m3*	*ppbv*	*µg/m3*	*ppbv*	*µg/m3*	*ppbv*	*µg/m3*
Volatile Organic Compounds								
1,1,1-Trichloroethane	0.20 U	1.1 U	5000 U	27000 U	0.20 U	1.1 U	0.20 U	1.1 U
1,1,2,2-Tetrachloroethane	0.20 U	1.4 U	5000 U	34000 U	0.20 U	1.4 U	0.20 U	1.4 U
1,1,2-Trichloroethane	0.20 U	1.1 U	5000 U	27000 U	0.20 U	1.1 U	0.20 U	1.1 U
1,1-Dichloroethane	0.20 U	0.81 U	5000 U	20000 U	0.20 U	0.81 U	0.20 U	0.81 U
1,1-Dichloroethene	0.20 U	0.79 U	5000 U	20000 U	0.20 U	0.79 U	0.20 U	0.79 U
1,2,4-Trichlorobenzene	0.50 U	3.7 U	13000 U	93000 U	0.50 U	3.7 U	0.50 U	3.7 U
1,2,4-Trimethylbenzene	8.6	42	5000 U	25000 U	20	98	1.9	9.2
1,2-Dibromoethane (Ethylene dibromide)	0.20 U	1.5 U	5000 U	39000 U	0.20 U	1.5 U	0.20 U	1.5 U
1,2-Dichlorobenzene	0.20 U	1.2 U	5000 U	30000 U	0.20 U	1.2 U	0.20 U	1.2 U
1,2-Dichloroethane	0.20 U	0.81 U	5000 U	20000 U	0.20 U	0.81 U	0.20 U	0.81 U
1,2-Dichloropropane	0.20 U	0.92 U	5000 U	23000 U	0.20 U	0.92 U	0.20 U	0.92 U
1,2-Dichlorotetrafluoroethane (CFC 114)	0.20 U	1.4 U	5000 U	35000 U	0.20 U	1.4 U	0.46	3.2
1,3,5-Trimethylbenzene	3.2	16	5000 U	25000 U	7.0	35	0.76	3.7
1,3-Butadiene	0.20 U	0.44 U	5000 U	11000 U	0.20 U	0.44 U	0.20 U	0.44 U
1,3-Dichlorobenzene	0.20 U	1.2 U	5000 U	30000 U	0.20 U	1.2 U	0.20 U	1.2 U
1,4-Dichlorobenzene	0.20 U	1.2 U	5000 U	30000 U	0.20 U	1.2 U	0.20 U	1.2 U
1,4-Dioxane	5.0 U	18 U	130000 U	450000 U	5.0 U	18 U	5.0 U	18 U
2,2,4-Trimethylpentane	0.20 U	0.93 U	5000 U	23000 U	0.20 U	0.93 U	0.20 U	0.93 U
2-Butanone (Methyl ethyl ketone) (MEK)	1.7	4.9	13000 U	37000 U	0.78	2.3	0.50 U	1.5 U
2-Chlorotoluene	0.20 U	1.0 U	5000 U	26000 U	0.20 U	1.0 U	0.20 U	1.0 U
2-Hexanone	0.50 U	2.0 U	13000 U	51000 U	0.50 U	2.0 U	0.50 U	2.0 U
2-Phenylbutane (sec-Butylbenzene)	0.20 U	1.1 U	5000 U	28000 U	0.20 U	1.1 U	0.20 U	1.1 U
4-Ethyl toluene	3.0	15	5000 U	25000 U	6.1	30	0.50	2.5
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	0.50 U	2.0 U	13000 U	51000 U	0.50 U	2.0 U	0.50 U	2.0 U
Acetone	19	44	130000 U	300000 U	9.3	22	5.0 U	12 U
Allyl chloride	0.50 U	1.6 U	13000 U	39000 U	0.50 U	1.6 U	0.50 U	1.6 U
Benzene	0.20 U	0.64 U	5000 U	16000 U	0.20 U	0.64 U	0.24	0.76
Benzyl chloride	0.20 U	1.0 U	5000 U	26000 U	0.20 U	1.0 U	0.20 U	1.0 U
Bromodichloromethane	0.20 U	1.3 U	5000 U	34000 U	0.20 U	1.3 U	0.20 U	1.3 U
Bromoform	0.20 U	2.1 U	5000 U	52000 U	0.20 U	2.1 U	0.20 U	2.1 U
Bromomethane (Methyl bromide)	0.20 U	0.78 U	5000 U	19000 U	0.20 U	0.78 U	0.20 U	0.78 U
Carbon disulfide	0.50 U	1.6 U	13000 U	39000 U	0.50 U	1.6 U	1.9	6.0
Carbon tetrachloride	0.20 U	1.3 U	5000 U	32000 U	0.20 U	1.3 U	0.20 U	1.3 U
Chlorobenzene	0.20 U	0.92 U	5000 U	23000 U	0.20 U	0.92 U	0.20 U	0.92 U
Chlorodifluoromethane	1.7	5.9	13000 U	44000 U	2.1	7.3	0.50 U	1.8 U
Chloroethane	0.50 U	1.3 U	13000 U	33000 U	0.50 U	1.3 U	0.50 U	1.3 U
Chloroform (Trichloromethane)	0.20 U	0.98 U	5000 U	25000 U	0.20 U	0.98 U	0.24	1.2
Chloromethane (Methyl chloride)	0.84	1.7	13000 U	26000 U	0.50 U	1.0 U	0.50 U	1.0 U
cis-1,2-Dichloroethene	0.20 U	0.79 U	460000	1800000	0.47	1.9	0.32	1.2

TABLE 2

ANALYTICAL RESULTS SUMMARY
SOIL VAPOR INVESTIGATION PLANT 1/2
GENERAL MOTORS CORPORATION
ROCHESTER, NEW YORK
MAY 2014

Sample Location:	*DD-31*	*DD-31*	*E-19*	*E-19*	*E-19*	*E-19*	*G-29*	*G-29*
Sample ID:	*2288-050214-1005*	*2288-050214-1005*	*2288-050214-0920*	*2288-050214-0920*	*2288-050214-0922*	*2288-050214-0922*	*2288-050214-0925*	*2288-050214-0925*
Sample Date:	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*
	ppbv	*µg/m3*	*ppbv*	*µg/m3*	*ppbv*	*µg/m3*	*ppbv*	*µg/m3*
Volatile Organic Compounds-Continued								
cis-1,3-Dichloropropene	0.20 U	0.91 U	5000 U	23000 U	0.20 U	0.91 U	0.20 U	0.91 U
Cyclohexane	0.20 U	0.69 U	5000 U	17000 U	0.20 U	0.69 U	0.50	1.7
Cymene (p-Isopropyltoluene)	0.20 U	1.1 U	5000 U	28000 U	0.20 U	1.1 U	0.20 U	1.1 U
Dibromochloromethane	0.20 U	1.7 U	5000 U	43000 U	0.20 U	1.7 U	0.20 U	1.7 U
Dichlorodifluoromethane (CFC-12)	0.50 U	2.5 U	13000 U	62000 U	0.50 U	2.5 U	0.57	2.8
Ethylbenzene	0.20 U	0.87 U	5000 U	22000 U	0.20 U	0.87 U	0.20 U	0.87 U
Hexachlorobutadiene	0.20 U	2.1 U	5000 U	54000 U	0.20 U	2.1 U	0.20 U	2.1 U
Hexane	0.20 U	0.70 U	5000 U	18000 U	0.20 U	0.70 U	2.4	8.6
Isopropyl alcohol	160 J	390 J	130000 U	310000 U	200 J	480 J	8.8	22
Isopropyl benzene	0.20 U	0.98 U	5000 U	25000 U	0.20 U	0.98 U	0.20 U	0.98 U
m&p-Xylenes	0.50 U	2.2 U	13000 U	54000 U	0.60	2.6	0.80	3.5
Methyl methacrylate	0.50 U	2.0 U	13000 U	51000 U	0.50 U	2.0 U	0.50 U	2.0 U
Methyl tert butyl ether (MTBE)	0.20 U	0.72 U	5000 U	18000 U	0.20 U	0.72 U	0.20 U	0.72 U
Methylene chloride	0.50 U	1.7 U	13000 U	44000 U	0.50 U	1.7 U	0.50 U	1.7 U
Naphthalene	0.50 U	2.6 U	13000 U	66000 U	0.50 U	2.6 U	0.50 U	2.6 U
N-Butylbenzene	0.20 U	1.1 U	5000 U	28000 U	0.20 U	1.1 U	0.20 U	1.1 U
N-Heptane	0.20 U	0.82 U	5000 U	21000 U	0.20 U	0.82 U	2.4	9.6
o-Xylene	0.50	2.2	5000 U	22000 U	0.98	4.2	0.26	1.1
Styrene	0.20 U	0.85 U	5000 U	21000 U	0.20 U	0.85 U	0.20 U	0.85 U
tert-Butyl alcohol	5.0 U	15 U	130000 U	380000 U	5.0 U	15 U	5.0 U	15 U
tert-Butylbenzene	0.20 U	1.1 U	5000 U	28000 U	0.20 U	1.1 U	0.20 U	1.1 U
Tetrachloroethene	0.20 U	1.4 U	5000 U	34000 U	0.20 U	1.4 U	2.3	15
Tetrahydrofuran	5.0 U	15 U	130000 U	370000 U	5.0 U	15 U	5.0 U	15 U
Toluene	0.36	1.3	5000 U	19000 U	0.71	2.7	0.57	2.1
trans-1,2-Dichloroethene	0.20 U	0.79 U	5000 U	20000 U	0.20 U	0.79 U	0.20 U	0.79 U
trans-1,3-Dichloropropene	0.20 U	0.91 U	5000 U	23000 U	0.20 U	0.91 U	0.20 U	0.91 U
Trichloroethene	0.20 U	1.1 U	5000 U	27000 U	0.60	3.2	3.5	19
Trichlorofluoromethane (CFC-11)	0.26	1.5	5000 U	28000 U	0.22	1.2	0.25	1.4
Trifluorotrichloroethane (Freon 113)	0.20 U	1.5 U	5000 U	38000 U	0.20 U	1.5 U	5.4	42
Vinyl bromide (Bromoethene)	0.20 U	0.87 U	5000 U	22000 U	0.20 U	0.87 U	0.20 U	0.87 U
Vinyl chloride	0.20 U	0.51 U	170000	430000	0.20 U	0.51 U	0.20 U	0.51 U
Xylenes (total)	0.50	2.2	5000 U	22000 U	1.6	6.9	1.1	4.6

TABLE 2

ANALYTICAL RESULTS SUMMARY
SOIL VAPOR INVESTIGATION PLANT 1/2
GENERAL MOTORS CORPORATION
ROCHESTER, NEW YORK
MAY 2014

Sample Location:	*G-29*	*G-29*	*HH-37*	*HH-37*	*HH-37*	*HH-37*	*L-39*	*L-39*
Sample ID:	*2288-050214-0927*	*2288-050214-0927*	*2288-050214-0943*	*2288-050214-0943*	*2288-050214-0945*	*2288-050214-0945*	*2288-050214-0935*	*2288-050214-0935*
Sample Date:	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*
	ppbv	*µg/m3*	*ppbv*	*µg/m3*	*ppbv*	*µg/m3*	*ppbv*	*µg/m3*
Volatile Organic Compounds								
1,1,1-Trichloroethane	0.20 U	1.1 U	0.20 U	1.1 U	0.20 U	1.1 U	6.7 U	36 U
1,1,2,2-Tetrachloroethane	0.20 U	1.4 U	0.20 U	1.4 U	0.20 U	1.4 U	6.7 U	46 U
1,1,2-Trichloroethane	0.20 U	1.1 U	0.20 U	1.1 U	0.20 U	1.1 U	6.7 U	36 U
1,1-Dichloroethane	0.20 U	0.81 U	0.20 U	0.81 U	0.20 U	0.81 U	6.7 U	27 U
1,1-Dichloroethene	0.20 U	0.79 U	0.20 U	0.79 U	0.20 U	0.79 U	6.7 U	26 U
1,2,4-Trichlorobenzene	0.50 U	3.7 U	0.50 U	3.7 U	0.50 U	3.7 U	17 U	120 U
1,2,4-Trimethylbenzene	30	150	2.7	13	58	290	34	170
1,2-Dibromoethane (Ethylene dibromide)	0.20 U	1.5 U	0.20 U	1.5 U	0.20 U	1.5 U	6.7 U	51 U
1,2-Dichlorobenzene	0.20 U	1.2 U	0.20 U	1.2 U	0.20 U	1.2 U	6.7 U	40 U
1,2-Dichloroethane	0.20 U	0.81 U	0.20 U	0.81 U	0.20 U	0.81 U	6.7 U	27 U
1,2-Dichloropropane	0.20 U	0.92 U	0.20 U	0.92 U	0.20 U	0.92 U	6.7 U	31 U
1,2-Dichlorotetrafluoroethane (CFC 114)	0.20 U	1.4 U	0.60	4.2	0.20 U	1.4 U	6.7 U	47 U
1,3,5-Trimethylbenzene	11	53	1.2	6.0	25	120	11	53
1,3-Butadiene	0.20 U	0.44 U	0.20 U	0.44 U	0.20 U	0.44 U	6.7 U	15 U
1,3-Dichlorobenzene	0.20 U	1.2 U	0.20 U	1.2 U	0.20 U	1.2 U	6.7 U	40 U
1,4-Dichlorobenzene	0.20 U	1.2 U	0.20 U	1.2 U	0.20 U	1.2 U	6.7 U	40 U
1,4-Dioxane	5.0 U	18 U	5.0 U	18 U	5.0 U	18 U	170 U	600 U
2,2,4-Trimethylpentane	0.20 U	0.93 U	0.20 U	0.93 U	0.20 U	0.93 U	6.7 U	31 U
2-Butanone (Methyl ethyl ketone) (MEK)	0.72	2.1	3.1	9.2	0.50 U	1.5 U	17 U	49 U
2-Chlorotoluene	0.20 U	1.0 U	0.20 U	1.0 U	0.20 U	1.0 U	6.7 U	35 U
2-Hexanone	0.50 U	2.0 U	0.98	4.0	0.50 U	2.0 U	17 U	68 U
2-Phenylbutane (sec-Butylbenzene)	0.20 U	1.1 U	0.20 U	1.1 U	0.20 U	1.1 U	6.7 U	37 U
4-Ethyl toluene	10	49	0.49	2.4	20	97	11	54
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	0.50 U	2.0 U	0.50 U	2.0 U	0.50 U	2.0 U	17 U	68 U
Acetone	7.7	18	29	69	5.0 U	12 U	170 U	400 U
Allyl chloride	0.50 U	1.6 U	0.50 U	1.6 U	0.50 U	1.6 U	17 U	52 U
Benzene	0.20 U	0.64 U	1.0	3.2	0.20 U	0.64 U	6.7 U	21 U
Benzyl chloride	0.20 U	1.0 U	0.20 U	1.0 U	0.20 U	1.0 U	6.7 U	35 U
Bromodichloromethane	0.20 U	1.3 U	5.1	34	0.20 U	1.3 U	6.7 U	45 U
Bromoform	0.20 U	2.1 U	0.20 U	2.1 U	0.20 U	2.1 U	6.7 U	69 U
Bromomethane (Methyl bromide)	0.20 U	0.78 U	0.20 U	0.78 U	0.20 U	0.78 U	6.7 U	26 U
Carbon disulfide	0.50 U	1.6 U	2.1	6.5	0.50 U	1.6 U	17 U	52 U
Carbon tetrachloride	0.20 U	1.3 U	0.20 U	1.3 U	0.20 U	1.3 U	6.7 U	42 U
Chlorobenzene	0.37	1.7	0.20 U	0.92 U	1.0	4.6	6.7 U	31 U
Chlorodifluoromethane	1.3	4.5	0.77	2.7	0.50 U	1.8 U	17 U	59 U
Chloroethane	0.50 U	1.3 U	0.50 U	1.3 U	0.50 U	1.3 U	17 U	44 U
Chloroform (Trichloromethane)	0.20 U	0.98 U	140 J	660 J	0.28	1.4	6.7 U	33 U
Chloromethane (Methyl chloride)	0.80	1.7	0.50 U	1.0 U	0.50 U	1.0 U	17 U	34 U
cis-1,2-Dichloroethene	0.48	1.9	0.91	3.6	0.20 U	0.79 U	6.7 U	26 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
SOIL VAPOR INVESTIGATION PLANT 1/2
GENERAL MOTORS CORPORATION
ROCHESTER, NEW YORK
MAY 2014

Sample Location:	*G-29*	*G-29*	*HH-37*	*HH-37*	*HH-37*	*HH-37*	*L-39*	*L-39*
Sample ID:	*2288-050214-0927*	*2288-050214-0927*	*2288-050214-0943*	*2288-050214-0943*	*2288-050214-0945*	*2288-050214-0945*	*2288-050214-0935*	*2288-050214-0935*
Sample Date:	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*
	ppbv	*µg/m3*	*ppbv*	*µg/m3*	*ppbv*	*µg/m3*	*ppbv*	*µg/m3*
Volatile Organic Compounds-Continued								
cis-1,3-Dichloropropene	0.20 U	0.91 U	0.20 U	0.91 U	0.20 U	0.91 U	6.7 U	30 U
Cyclohexane	0.20 U	0.69 U	2.0	6.8	0.20 U	0.69 U	6.7 U	23 U
Cymene (p-Isopropyltoluene)	0.28	1.6	0.20 U	1.1 U	0.79	4.3	6.7 U	37 U
Dibromochloromethane	0.20 U	1.7 U	0.20 U	1.7 U	0.20 U	1.7 U	6.7 U	57 U
Dichlorodifluoromethane (CFC-12)	0.50 U	2.5 U	0.56	2.8	0.50 U	2.5 U	17 U	83 U
Ethylbenzene	0.20 U	0.87 U	0.56	2.4	0.20 U	0.87 U	6.7 U	29 U
Hexachlorobutadiene	0.20 U	2.1 U	0.20 U	2.1 U	0.20 U	2.1 U	6.7 U	71 U
Hexane	0.26	0.93	3.6	13	0.20 U	0.70 U	6.7 U	24 U
Isopropyl alcohol	160 J	390 J	7.7	19	130 J	320 J	170 U	410 U
Isopropyl benzene	0.20 U	0.98 U	0.20 U	0.98 U	0.20 U	0.98 U	6.7 U	33 U
m&p-Xylenes	0.68	3.0	4.8	21	1.1	4.9	17 U	73 U
Methyl methacrylate	0.50 U	2.0 U	0.50 U	2.0 U	0.50 U	2.0 U	17 U	68 U
Methyl tert butyl ether (MTBE)	0.20 U	0.72 U	0.20 U	0.72 U	0.20 U	0.72 U	6.7 U	24 U
Methylene chloride	0.50 U	1.7 U	4.3	15	0.50 U	1.7 U	17 U	58 U
Naphthalene	0.50 U	2.6 U	0.50 U	2.6 U	0.50 U	2.6 U	86	450
N-Butylbenzene	0.20 U	1.1 U	0.20 U	1.1 U	0.20 U	1.1 U	6.7 U	37 U
N-Heptane	0.21	0.86	2.9	12	0.20 U	0.82 U	6.7 U	27 U
o-Xylene	1.5	6.3	1.4	5.9	3.7	16	6.7 U	29 U
Styrene	0.20 U	0.85 U	0.20 U	0.85 U	0.20 U	0.85 U	6.7 U	28 U
tert-Butyl alcohol	5.0 U	15 U	5.0 U	15 U	5.0 U	15 U	170 U	510 U
tert-Butylbenzene	0.20 U	1.1 U	0.20 U	1.1 U	0.20 U	1.1 U	6.7 U	37 U
Tetrachloroethene	0.20 U	1.4 U	0.25	1.7	0.20 U	1.4 U	6.7 U	45 U
Tetrahydrofuran	5.0 U	15 U	5.0 U	15 U	5.0 U	15 U	170 U	490 U
Toluene	0.97	3.7	3.5	13	1.5	5.7	6.7 U	25 U
trans-1,2-Dichloroethene	0.20 U	0.79 U	0.20 U	0.79 U	0.20 U	0.79 U	15	58
trans-1,3-Dichloropropene	0.20 U	0.91 U	0.20 U	0.91 U	0.20 U	0.91 U	6.7 U	30 U
Trichloroethene	0.60	3.2	0.33	1.8	0.20 U	1.1 U	750	4000
Trichlorofluoromethane (CFC-11)	0.25	1.4	0.28	1.5	0.32	1.8	6.7 U	38 U
Trifluorotrichloroethane (Freon 113)	0.20 U	1.5 U	6.6	51	0.20 U	1.5 U	6.7 U	51 U
Vinyl bromide (Bromoethene)	0.20 U	0.87 U	0.20 U	0.87 U	0.20 U	0.87 U	6.7 U	29 U
Vinyl chloride	0.20 U	0.51 U	0.20 U	0.51 U	0.20 U	0.51 U	6.7 U	17 U
Xylenes (total)	2.2	9.5	6.2	27	4.8	21	6.7 U	29 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
SOIL VAPOR INVESTIGATION PLANT 1/2
GENERAL MOTORS CORPORATION
ROCHESTER, NEW YORK
MAY 2014

Sample Location:	*L-39*	*L-39*	*LL-25*	*LL-25*	*NN-58*	*NN-58*	*NN-58*	*NN-58*
Sample ID:	*2288-050214-0937*	*2288-050214-0937*	*2288-050214-0950*	*2288-050214-0950*	*2288-050214-1020*	*2288-050214-1020*	*2288-050214-1021*	*2288-050214-1021*
Sample Date:	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*
	ppbv	*µg/m3*	*ppbv*	*µg/m3*	*ppbv*	*µg/m3*	*ppbv*	*µg/m3*
Volatile Organic Compounds								
1,1,1-Trichloroethane	0.20 U	1.1 U	0.20 U	1.1 U	2.0 U	11 U	0.20 U	1.1 U
1,1,2,2-Tetrachloroethane	0.20 U	1.4 U	0.20 U	1.4 U	2.0 U	14 U	0.20 U	1.4 U
1,1,2-Trichloroethane	0.20 U	1.1 U	0.20 U	1.1 U	2.0 U	11 U	0.20 U	1.1 U
1,1-Dichloroethane	0.20 U	0.81 U	0.20 U	0.81 U	2.0 U	8.1 U	0.20 U	0.81 U
1,1-Dichloroethene	0.20 U	0.79 U	0.20 U	0.79 U	2.0 U	7.9 U	0.20 U	0.79 U
1,2,4-Trichlorobenzene	0.50 U	3.7 U	0.50 U	3.7 U	5.0 U	37 U	0.50 U	3.7 U
1,2,4-Trimethylbenzene	0.68	3.3	42 J	210 J	650 J	3200 J	29	140
1,2-Dibromoethane (Ethylene dibromide)	0.20 U	1.5 U	0.20 U	1.5 U	2.0 U	15 U	0.20 U	1.5 U
1,2-Dichlorobenzene	0.20 U	1.2 U	0.20 U	1.2 U	2.0 U	12 U	0.20 U	1.2 U
1,2-Dichloroethane	0.20 U	0.81 U	0.20 U	0.81 U	2.0 U	8.1 U	0.20 U	0.81 U
1,2-Dichloropropane	0.20 U	0.92 U	0.20 U	0.92 U	2.0 U	9.2 U	0.20 U	0.92 U
1,2-Dichlorotetrafluoroethane (CFC 114)	0.20 U	1.4 U	0.20 U	1.4 U	2.0 U	14 U	0.20 U	1.4 U
1,3,5-Trimethylbenzene	0.37	1.8	20	99	360	1800	11	53
1,3-Butadiene	0.20 U	0.44 U	0.20 U	0.44 U	2.0 U	4.4 U	0.20 U	0.44 U
1,3-Dichlorobenzene	0.20 U	1.2 U	0.20 U	1.2 U	2.0 U	12 U	0.20 U	1.2 U
1,4-Dichlorobenzene	0.20 U	1.2 U	0.20 U	1.2 U	2.0 U	12 U	0.20 U	1.2 U
1,4-Dioxane	5.0 U	18 U	5.0 U	18 U	50 U	180 U	5.0 U	18 U
2,2,4-Trimethylpentane	0.20 U	0.93 U	0.20 U	0.93 U	2.0 U	9.3 U	0.20 U	0.93 U
2-Butanone (Methyl ethyl ketone) (MEK)	1.0	3.1	0.50 U	1.5 U	5.0 U	15 U	0.50 U	1.5 U
2-Chlorotoluene	0.20 U	1.0 U	0.20 U	1.0 U	2.0 U	10 U	0.20 U	1.0 U
2-Hexanone	0.50 U	2.0 U	0.50 U	2.0 U	5.0 U	20 U	0.50 U	2.0 U
2-Phenylbutane (sec-Butylbenzene)	0.20 U	1.1 U	0.20 U	1.1 U	110	620	0.20 U	1.1 U
4-Ethyl toluene	0.59	2.9	18	87	200	1000	9.7	48
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	0.50 U	2.0 U	0.50 U	2.0 U	5.0 U	20 U	0.50 U	2.0 U
Acetone	9.3	22	5.0 U	12 U	50 U	120 U	5.0 U	12 U
Allyl chloride	0.50 U	1.6 U	0.50 U	1.6 U	5.0 U	16 U	0.50 U	1.6 U
Benzene	0.20 U	0.64 U	0.20 U	0.64 U	2.0 U	6.4 U	0.20 U	0.64 U
Benzyl chloride	0.20 U	1.0 U	0.20 U	1.0 U	2.0 U	10 U	0.20 U	1.0 U
Bromodichloromethane	0.20 U	1.3 U	0.20 U	1.3 U	2.0 U	13 U	0.20 U	1.3 U
Bromoform	0.20 U	2.1 U	0.20 U	2.1 U	2.0 U	21 U	0.20 U	2.1 U
Bromomethane (Methyl bromide)	0.20 U	0.78 U	0.20 U	0.78 U	2.0 U	7.8 U	0.20 U	0.78 U
Carbon disulfide	0.50 U	1.6 U	0.50 U	1.6 U	5.0 U	16 U	0.50 U	1.6 U
Carbon tetrachloride	0.20 U	1.3 U	0.20 U	1.3 U	2.0 U	13 U	0.20 U	1.3 U
Chlorobenzene	0.20 U	0.92 U	0.20 U	0.92 U	2.0 U	9.2 U	0.20 U	0.92 U
Chlorodifluoromethane	1.4	4.8	0.57	2.0	5.0 U	18 U	0.55	1.9
Chloroethane	0.50 U	1.3 U	0.50 U	1.3 U	5.0 U	13 U	0.50 U	1.3 U
Chloroform (Trichloromethane)	0.20 U	0.98 U	0.20 U	0.98 U	2.0 U	9.8 U	0.20 U	0.98 U
Chloromethane (Methyl chloride)	0.51	1.1	0.50 U	1.0 U	5.0 U	10 U	0.53	1.1
cis-1,2-Dichloroethene	0.58	2.3	0.20 U	0.79 U	2.0 U	7.9 U	0.20 U	0.79 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
SOIL VAPOR INVESTIGATION PLANT 1/2
GENERAL MOTORS CORPORATION
ROCHESTER, NEW YORK
MAY 2014

Sample Location:	*L-39*	*L-39*	*LL-25*	*LL-25*	*NN-58*	*NN-58*	*NN-58*	*NN-58*
Sample ID:	*2288-050214-0937*	*2288-050214-0937*	*2288-050214-0950*	*2288-050214-0950*	*2288-050214-1020*	*2288-050214-1020*	*2288-050214-1021*	*2288-050214-1021*
Sample Date:	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*
	ppbv	*µg/m3*	*ppbv*	*µg/m3*	*ppbv*	*µg/m3*	*ppbv*	*µg/m3*
Volatile Organic Compounds-Continued								
cis-1,3-Dichloropropene	0.20 U	0.91 U	0.20 U	0.91 U	2.0 U	9.1 U	0.20 U	0.91 U
Cyclohexane	0.20 U	0.69 U	0.20 U	0.69 U	2.0 U	6.9 U	0.20 U	0.69 U
Cymene (p-Isopropyltoluene)	0.20 U	1.1 U	0.62	3.4	59	330	0.29	1.6
Dibromochloromethane	0.20 U	1.7 U	0.20 U	1.7 U	2.0 U	17 U	0.20 U	1.7 U
Dichlorodifluoromethane (CFC-12)	0.50 U	2.5 U	0.50 U	2.5 U	5.0 U	25 U	0.50 U	2.5 U
Ethylbenzene	0.20 U	0.87 U	0.20 U	0.87 U	2.0 U	8.7 U	0.20 U	0.87 U
Hexachlorobutadiene	0.20 U	2.1 U	0.20 U	2.1 U	2.0 U	21 U	0.20 U	2.1 U
Hexane	0.20 U	0.70 U	0.20 U	0.70 U	2.0 U	7.0 U	0.20 U	0.70 U
Isopropyl alcohol	190 J	470 J	21	52	50 U	120 U	18	45
Isopropyl benzene	0.20 U	0.98 U	2.5	12	31	150	0.20 U	0.98 U
m&p-Xylenes	0.50 U	2.2 U	1.4	6.1	7.1	31	0.85	3.7
Methyl methacrylate	0.50 U	2.0 U	0.50 U	2.0 U	5.0 U	20 U	0.50 U	2.0 U
Methyl tert butyl ether (MTBE)	0.20 U	0.72 U	0.20 U	0.72 U	2.0 U	7.2 U	0.20 U	0.72 U
Methylene chloride	0.50 U	1.7 U	0.50 U	1.7 U	5.0 U	17 U	0.50 U	1.7 U
Naphthalene	0.50 U	2.6 U	0.50 U	2.6 U	5.0 U	26 U	0.50 U	2.6 U
N-Butylbenzene	0.20 U	1.1 U	0.20 U	1.1 U	53	290	0.20 U	1.1 U
N-Heptane	0.20 U	0.82 U	0.20 U	0.82 U	2.0 U	8.2 U	0.20 U	0.82 U
o-Xylene	0.20 U	0.87 U	4.0	17	12	51	1.6	6.8
Styrene	0.20 U	0.85 U	0.20 U	0.85 U	2.0 U	8.5 U	0.20 U	0.85 U
tert-Butyl alcohol	5.0 U	15 U	5.0 U	15 U	50 U	150 U	5.0 U	15 U
tert-Butylbenzene	0.20 U	1.1 U	0.20 U	1.1 U	8.5	46	0.20 U	1.1 U
Tetrachloroethene	0.20 U	1.4 U	0.20 U	1.4 U	3.5	24	0.20 U	1.4 U
Tetrahydrofuran	5.0 U	15 U	5.0 U	15 U	50 U	150 U	5.0 U	15 U
Toluene	2.3	8.9	2.3	8.6	2.0 U	7.5 U	0.94	3.5
trans-1,2-Dichloroethene	0.20 U	0.79 U	0.20 U	0.79 U	2.0 U	7.9 U	0.20 U	0.79 U
trans-1,3-Dichloropropene	0.20 U	0.91 U	0.20 U	0.91 U	2.0 U	9.1 U	0.20 U	0.91 U
Trichloroethene	0.98	5.3	0.20 U	1.1 U	2.0 U	11 U	0.20 U	1.1 U
Trichlorofluoromethane (CFC-11)	0.26	1.4	0.22	1.3	2.0 U	11 U	0.20	1.1
Trifluorotrichloroethane (Freon 113)	0.20 U	1.5 U	0.20 U	1.5 U	2.7	20	0.20 U	1.5 U
Vinyl bromide (Bromoethene)	0.20 U	0.87 U	0.20 U	0.87 U	2.0 U	8.7 U	0.20 U	0.87 U
Vinyl chloride	0.20 U	0.51 U	0.20 U	0.51 U	2.0 U	5.1 U	0.20 U	0.51 U
Xylenes (total)	0.20 U	0.87 U	5.4	23	19	83	2.5	11

TABLE 2

ANALYTICAL RESULTS SUMMARY
SOIL VAPOR INVESTIGATION PLANT 1/2
GENERAL MOTORS CORPORATION
ROCHESTER, NEW YORK
MAY 2014

Sample Location:	*P-9*	*P-9*	*P-9*	*P-9*	*SS-37*	*SS-37*	*SS-37*	*SS-37*
Sample ID:	*2288-050214-0914*	*2288-050214-0914*	*2288-050214-0916*	*2288-050214-0916*	*2288-050214-1011*	*2288-050214-1011*	*2288-050214-1012*	*2288-050214-1012*
Sample Date:	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*
	ppbv	*µg/m3*	*ppbv*	*µg/m3*	*ppbv*	*µg/m3*	*ppbv*	*µg/m3*
Volatile Organic Compounds								
1,1,1-Trichloroethane	2.5 U	14 U	0.20 U	1.1 U	0.20 U	1.1 U	0.20 U	1.1 U
1,1,2,2-Tetrachloroethane	2.5 U	17 U	0.20 U	1.4 U	0.20 U	1.4 U	0.20 U	1.4 U
1,1,2-Trichloroethane	2.5 U	14 U	0.20 U	1.1 U	0.20 U	1.1 U	0.20 U	1.1 U
1,1-Dichloroethane	2.5 U	10 U	0.20 U	0.81 U	0.20 U	0.81 U	0.20 U	0.81 U
1,1-Dichloroethene	2.5 U	9.9 U	0.20 U	0.79 U	0.20 U	0.79 U	0.20 U	0.79 U
1,2,4-Trichlorobenzene	6.3 U	46 U	0.50 U	3.7 U	0.50 U	3.7 U	0.50 U	3.7 U
1,2,4-Trimethylbenzene	19	95	16	79	0.53	2.6	44 J	210 J
1,2-Dibromoethane (Ethylene dibromide)	2.5 U	19 U	0.20 U	1.5 U	0.20 U	1.5 U	0.20 U	1.5 U
1,2-Dichlorobenzene	2.5 U	15 U	0.20 U	1.2 U	0.20 U	1.2 U	0.20 U	1.2 U
1,2-Dichloroethane	2.5 U	10 U	0.20 U	0.81 U	0.20 U	0.81 U	0.20 U	0.81 U
1,2-Dichloropropane	2.5 U	12 U	0.20 U	0.92 U	0.20 U	0.92 U	0.20 U	0.92 U
1,2-Dichlorotetrafluoroethane (CFC 114)	2.5 U	17 U	0.20 U	1.4 U	0.52	3.6	0.20 U	1.4 U
1,3,5-Trimethylbenzene	8.2	40	5.6	27	0.20 U	0.98 U	18	88
1,3-Butadiene	2.5 U	5.5 U	0.20 U	0.44 U	0.20 U	0.44 U	0.20 U	0.44 U
1,3-Dichlorobenzene	2.5 U	15 U	0.20 U	1.2 U	0.20 U	1.2 U	0.20 U	1.2 U
1,4-Dichlorobenzene	2.5 U	15 U	0.20 U	1.2 U	0.20 U	1.2 U	0.20 U	1.2 U
1,4-Dioxane	63 U	230 U	5.0 U	18 U	5.0 U	18 U	5.0 U	18 U
2,2,4-Trimethylpentane	2.5 U	12 U	0.20 U	0.93 U	0.20 U	0.93 U	0.20 U	0.93 U
2-Butanone (Methyl ethyl ketone) (MEK)	2000 J	6000 J	1.1	3.2	1.2	3.5	1.6	4.7
2-Chlorotoluene	2.5 U	13 U	0.20 U	1.0 U	0.20 U	1.0 U	0.20 U	1.0 U
2-Hexanone	6.3 U	26 U	0.50 U	2.0 U	0.50 U	2.0 U	0.50 U	2.0 U
2-Phenylbutane (sec-Butylbenzene)	4.5	25	0.20 U	1.1 U	0.20 U	1.1 U	0.20 U	1.1 U
4-Ethyl toluene	5.4	27	4.8	24	0.20 U	0.98 U	14	70
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	6.3 U	26 U	0.50 U	2.0 U	0.50 U	2.0 U	0.50 U	2.0 U
Acetone	88	210	8.4	20	12	28	10	24
Allyl chloride	6.3 U	20 U	0.50 U	1.6 U	0.50 U	1.6 U	0.50 U	1.6 U
Benzene	5.9	19	0.20 U	0.64 U	0.20 U	0.64 U	0.20 U	0.64 U
Benzyl chloride	2.5 U	13 U	0.20 U	1.0 U	0.20 U	1.0 U	0.20 U	1.0 U
Bromodichloromethane	2.5 U	17 U	0.20 U	1.3 U	0.35	2.4	0.20 U	1.3 U
Bromoform	2.5 U	26 U	0.20 U	2.1 U	0.20 U	2.1 U	0.20 U	2.1 U
Bromomethane (Methyl bromide)	2.5 U	9.7 U	0.20 U	0.78 U	0.20 U	0.78 U	0.20 U	0.78 U
Carbon disulfide	6.3 U	19 U	0.50 U	1.6 U	2.7	8.5	0.50 U	1.6 U
Carbon tetrachloride	2.5 U	16 U	0.20 U	1.3 U	0.20 U	1.3 U	0.20 U	1.3 U
Chlorobenzene	2.5 U	12 U	0.20 U	0.92 U	0.20 U	0.92 U	0.20 U	0.92 U
Chlorodifluoromethane	6.3 U	22 U	1.9	6.7	0.55	1.9	0.63	2.2
Chloroethane	12	31	0.50 U	1.3 U	0.50 U	1.3 U	0.50 U	1.3 U
Chloroform (Trichloromethane)	2.5 U	12 U	0.20 U	0.98 U	1.8	8.9	0.20 U	0.98 U
Chloromethane (Methyl chloride)	6.3 U	13 U	0.51	1.1	0.50 U	1.0 U	0.52	1.1
cis-1,2-Dichloroethene	170	660	0.27	1.1	9.4	37	0.20 U	0.79 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
SOIL VAPOR INVESTIGATION PLANT 1/2
GENERAL MOTORS CORPORATION
ROCHESTER, NEW YORK
MAY 2014

Sample Location:	*P-9*	*P-9*	*P-9*	*P-9*	*SS-37*	*SS-37*	*SS-37*	*SS-37*
Sample ID:	*2288-050214-0914*	*2288-050214-0914*	*2288-050214-0916*	*2288-050214-0916*	*2288-050214-1011*	*2288-050214-1011*	*2288-050214-1012*	*2288-050214-1012*
Sample Date:	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*
	ppbv	*µg/m3*	*ppbv*	*µg/m3*	*ppbv*	*µg/m3*	*ppbv*	*µg/m3*
Volatile Organic Compounds-Continued								
cis-1,3-Dichloropropene	2.5 U	11 U	0.20 U	0.91 U	0.20 U	0.91 U	0.20 U	0.91 U
Cyclohexane	4.6	16	0.20 U	0.69 U	0.20 U	0.69 U	0.20 U	0.69 U
Cymene (p-Isopropyltoluene)	2.5 U	14 U	0.20 U	1.1 U	0.20 U	1.1 U	0.54	3.0
Dibromochloromethane	2.5 U	21 U	0.20 U	1.7 U	0.20 U	1.7 U	0.20 U	1.7 U
Dichlorodifluoromethane (CFC-12)	6.3 U	31 U	0.50 U	2.5 U	0.73	3.6	0.50 U	2.5 U
Ethylbenzene	150	660	0.20 U	0.87 U	0.20 U	0.87 U	0.20 U	0.87 U
Hexachlorobutadiene	2.5 U	27 U	0.20 U	2.1 U	0.20 U	2.1 U	0.20 U	2.1 U
Hexane	6.1	21	0.20 U	0.70 U	0.20 U	0.70 U	0.21	0.73
Isopropyl alcohol	63 U	150 U	130 J	310 J	5.0 U	12 U	35	87
Isopropyl benzene	18	86	0.20 U	0.98 U	0.20 U	0.98 U	0.20 U	0.98 U
m&p-Xylenes	67	290	0.66	2.8	0.50 U	2.2 U	1.0	4.5
Methyl methacrylate	6.3 U	26 U	0.50 U	2.0 U	0.50 U	2.0 U	0.50 U	2.0 U
Methyl tert butyl ether (MTBE)	2.5 U	9.0 U	0.20 U	0.72 U	0.20 U	0.72 U	0.20 U	0.72 U
Methylene chloride	18	63	0.50 U	1.7 U	0.50 U	1.7 U	0.50 U	1.7 U
Naphthalene	6.3 U	33 U	0.50 U	2.6 U	0.50 U	2.6 U	0.50 U	2.6 U
N-Butylbenzene	2.5 U	14 U	0.20 U	1.1 U	0.20 U	1.1 U	0.77	4.2
N-Heptane	2.5 U	10 U	0.20 U	0.82 U	0.20 U	0.82 U	0.23	0.93
o-Xylene	31	130	0.83	3.6	0.20 U	0.87 U	2.9	12
Styrene	25	110	0.20 U	0.85 U	0.20 U	0.85 U	0.20 U	0.85 U
tert-Butyl alcohol	63 U	190 U	5.0 U	15 U	5.0 U	15 U	5.0 U	15 U
tert-Butylbenzene	2.5 U	14 U	0.20 U	1.1 U	0.20 U	1.1 U	0.20 U	1.1 U
Tetrachloroethene	3.8	26	0.20 U	1.4 U	0.36	2.5	0.20 U	1.4 U
Tetrahydrofuran	63 U	180 U	5.0 U	15 U	5.0 U	15 U	5.0 U	15 U
Toluene	10	39	0.70	2.6	0.22	0.84	1.5	5.5
trans-1,2-Dichloroethene	12	47	0.20 U	0.79 U	0.20 U	0.79 U	0.20 U	0.79 U
trans-1,3-Dichloropropene	2.5 U	11 U	0.20 U	0.91 U	0.20 U	0.91 U	0.20 U	0.91 U
Trichloroethene	72	390	0.34	1.8	2.6	14	0.20 U	1.1 U
Trichlorofluoromethane (CFC-11)	2.5 U	14 U	0.23	1.3	0.26	1.4	0.22	1.2
Trifluorotrichloroethane (Freon 113)	5.4	41	0.20 U	1.5 U	5.8	44	0.20 U	1.5 U
Vinyl bromide (Bromoethene)	2.5 U	11 U	0.20 U	0.87 U	0.20 U	0.87 U	0.20 U	0.87 U
Vinyl chloride	45	110	0.20 U	0.51 U	2.6	6.6	0.20 U	0.51 U
Xylenes (total)	98	430	1.5	6.5	0.20 U	0.87 U	3.9	17

TABLE 2

ANALYTICAL RESULTS SUMMARY
SOIL VAPOR INVESTIGATION PLANT 1/2
GENERAL MOTORS CORPORATION
ROCHESTER, NEW YORK
MAY 2014

Sample Location:	*VU-9*	*VU-9*	*VU-9*	*VU-9*	*W-25*	*W-25*	*W-25*	*W-25*
Sample ID:	*2288-050214-1030*	*2288-050214-1030*	*2288-050214-1032*	*2288-050214-1032*	*2288-050214-0907*	*2288-050214-0907*	*2288-050214-0908*	*2288-050214-0908*
Sample Date:	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*
	ppbv	*µg/m3*	*ppbv*	*µg/m3*	*ppbv*	*µg/m3*	*ppbv*	*µg/m3*
Volatile Organic Compounds								
1,1,1-Trichloroethane	1.3	6.9	0.20 U	1.1 U	0.20 U	1.1 U	17 U	91 U
1,1,2,2-Tetrachloroethane	0.20 U	1.4 U	0.20 U	1.4 U	0.20 U	1.4 U	17 U	110 U
1,1,2-Trichloroethane	0.20 U	1.1 U	0.20 U	1.1 U	0.20 U	1.1 U	17 U	91 U
1,1-Dichloroethane	0.82	3.3	0.20 U	0.81 U	0.20 U	0.81 U	17 U	68 U
1,1-Dichloroethene	0.20 U	0.79 U	0.20 U	0.79 U	0.20 U	0.79 U	17 U	66 U
1,2,4-Trichlorobenzene	0.50 U	3.7 U	0.50 U	3.7 U	0.50 U	3.7 U	42 U	310 U
1,2,4-Trimethylbenzene	5.5	27	13	66	13	64	17 U	82 U
1,2-Dibromoethane (Ethylene dibromide)	0.20 U	1.5 U	0.20 U	1.5 U	0.20 U	1.5 U	17 U	130 U
1,2-Dichlorobenzene	0.20 U	1.2 U	0.20 U	1.2 U	0.20 U	1.2 U	17 U	100 U
1,2-Dichloroethane	0.20 U	0.81 U	0.20 U	0.81 U	0.20 U	0.81 U	17 U	68 U
1,2-Dichloropropane	0.20 U	0.92 U	0.20 U	0.92 U	0.20 U	0.92 U	17 U	77 U
1,2-Dichlorotetrafluoroethane (CFC 114)	0.53	3.7	0.20 U	1.4 U	0.20 U	1.4 U	17 U	120 U
1,3,5-Trimethylbenzene	3.6	18	4.6	22	4.4	22	17 U	82 U
1,3-Butadiene	0.20 U	0.44 U	0.20 U	0.44 U	0.20 U	0.44 U	17 U	37 U
1,3-Dichlorobenzene	0.20 U	1.2 U	0.20 U	1.2 U	0.20 U	1.2 U	17 U	100 U
1,4-Dichlorobenzene	0.20 U	1.2 U	0.20 U	1.2 U	0.20 U	1.2 U	17 U	100 U
1,4-Dioxane	5.0 U	18 U	5.0 U	18 U	5.0 U	18 U	420 U	1500 U
2,2,4-Trimethylpentane	0.20 U	0.93 U	0.20 U	0.93 U	0.20 U	0.93 U	17 U	78 U
2-Butanone (Methyl ethyl ketone) (MEK)	6.5	19	0.56	1.7	1.7	5.0	160	460
2-Chlorotoluene	0.20 U	1.0 U	0.20 U	1.0 U	0.20 U	1.0 U	17 U	87 U
2-Hexanone	1.3	5.4	0.50 U	2.0 U	0.50 U	2.0 U	42 U	170 U
2-Phenylbutane (sec-Butylbenzene)	0.31	1.7	0.20 U	1.1 U	0.20 U	1.1 U	17 U	92 U
4-Ethyl toluene	1.3	6.4	3.9	19	3.8	19	17 U	82 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	0.50 U	2.0 U	0.50 U	2.0 U	0.50 U	2.0 U	42 U	170 U
Acetone	32	77	5.0 U	12 U	11	26	420 U	990 U
Allyl chloride	0.50 U	1.6 U	0.50 U	1.6 U	0.50 U	1.6 U	42 U	130 U
Benzene	3.1	10	0.20 U	0.64 U	0.20 U	0.64 U	17 U	53 U
Benzyl chloride	0.20 U	1.0 U	0.20 U	1.0 U	0.20 U	1.0 U	17 U	87 U
Bromodichloromethane	0.20 U	1.3 U	0.20 U	1.3 U	0.20 U	1.3 U	17 U	110 U
Bromoform	0.20 U	2.1 U	0.20 U	2.1 U	0.20 U	2.1 U	17 U	170 U
Bromomethane (Methyl bromide)	0.20 U	0.78 U	0.20 U	0.78 U	0.20 U	0.78 U	17 U	65 U
Carbon disulfide	5.5	17	0.50 U	1.6 U	0.50 U	1.6 U	42 U	130 U
Carbon tetrachloride	0.20 U	1.3 U	0.20 U	1.3 U	0.20 U	1.3 U	17 U	110 U
Chlorobenzene	0.20 U	0.92 U	0.20 U	0.92 U	0.20 U	0.92 U	17 U	77 U
Chlorodifluoromethane	0.70	2.5	0.51	1.8	1.6	5.8	42 U	150 U
Chloroethane	0.50 U	1.3 U	0.50 U	1.3 U	0.50 U	1.3 U	42 U	110 U
Chloroform (Trichloromethane)	0.37	1.8	0.20 U	0.98 U	0.20 U	0.98 U	17 U	82 U
Chloromethane (Methyl chloride)	0.50 U	1.0 U	0.52	1.1	0.52	1.1	42 U	86 U
cis-1,2-Dichloroethene	1.8	7.0	0.20 U	0.79 U	0.84	3.3	22	87

TABLE 2

ANALYTICAL RESULTS SUMMARY
SOIL VAPOR INVESTIGATION PLANT 1/2
GENERAL MOTORS CORPORATION
ROCHESTER, NEW YORK
MAY 2014

Sample Location:	*VU-9*	*VU-9*	*VU-9*	*VU-9*	*W-25*	*W-25*	*W-25*	*W-25*
Sample ID:	*2288-050214-1030*	*2288-050214-1030*	*2288-050214-1032*	*2288-050214-1032*	*2288-050214-0907*	*2288-050214-0907*	*2288-050214-0908*	*2288-050214-0908*
Sample Date:	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*	*05/02/2014*
	ppbv	*µg/m3*	*ppbv*	*µg/m3*	*ppbv*	*µg/m3*	*ppbv*	*µg/m3*
Volatile Organic Compounds-Continued								
cis-1,3-Dichloropropene	0.20 U	0.91 U	0.20 U	0.91 U	0.20 U	0.91 U	17 U	76 U
Cyclohexane	2.3	7.8	0.20 U	0.69 U	0.20 U	0.69 U	17 U	58 U
Cymene (p-Isopropyltoluene)	0.22	1.2	0.20 U	1.1 U	0.20 U	1.1 U	17 U	92 U
Dibromochloromethane	0.20 U	1.7 U	0.20 U	1.7 U	0.20 U	1.7 U	17 U	140 U
Dichlorodifluoromethane (CFC-12)	0.55	2.7	0.50 U	2.5 U	0.52	2.6	42 U	210 U
Ethylbenzene	1.2	5.0	0.93	4.0	0.24	1.1	17 U	73 U
Hexachlorobutadiene	0.20 U	2.1 U	0.20 U	2.1 U	0.20 U	2.1 U	17 U	180 U
Hexane	3.7	13	0.20 U	0.70 U	0.20 U	0.70 U	17 U	59 U
Isopropyl alcohol	5.0 U	12 U	7.3	18	100 J	250 J	420 U	1000 U
Isopropyl benzene	0.32	1.6	0.20 U	0.98 U	0.42	2.1	17 U	82 U
m&p-Xylenes	12	52	3.8	17	1.0	4.4	42 U	180 U
Methyl methacrylate	0.50 U	2.0 U	0.50 U	2.0 U	0.50 U	2.0 U	42 U	170 U
Methyl tert butyl ether (MTBE)	0.20 U	0.72 U	0.20 U	0.72 U	0.20 U	0.72 U	17 U	60 U
Methylene chloride	0.56	1.9	0.50 U	1.7 U	0.50 U	1.7 U	42 U	150 U
Naphthalene	0.50 U	2.6 U	0.50 U	2.6 U	0.50 U	2.6 U	42 U	220 U
N-Butylbenzene	0.20 U	1.1 U	0.20 U	1.1 U	0.20 U	1.1 U	17 U	92 U
N-Heptane	7.1	29	0.20 U	0.82 U	0.20 U	0.82 U	17 U	69 U
o-Xylene	3.3	14	1.5	6.7	0.80	3.5	17 U	73 U
Styrene	0.20 U	0.85 U	0.20 U	0.85 U	0.20 U	0.85 U	170	740
tert-Butyl alcohol	5.0 U	15 U	5.0 U	15 U	5.0 U	15 U	420 U	1300 U
tert-Butylbenzene	0.20 U	1.1 U	0.20 U	1.1 U	0.20 U	1.1 U	17 U	92 U
Tetrachloroethene	1.0	6.9	0.20 U	1.4 U	0.20 U	1.4 U	17 U	110 U
Tetrahydrofuran	5.0 U	15 U	5.0 U	15 U	5.0 U	15 U	420 U	1200 U
Toluene	34	130	0.44	1.7	1.2	4.6	17 U	63 U
trans-1,2-Dichloroethene	0.24	0.96	0.20 U	0.79 U	0.20 U	0.79 U	17 U	66 U
trans-1,3-Dichloropropene	0.20 U	0.91 U	0.20 U	0.91 U	0.20 U	0.91 U	17 U	76 U
Trichloroethene	13	72	0.20 U	1.1 U	2.6	14	1800	9600
Trichlorofluoromethane (CFC-11)	0.24	1.4	0.20 U	1.1 U	0.23	1.3	17 U	94 U
Trifluorotrichloroethane (Freon 113)	6.5	50	0.20 U	1.5 U	0.20 U	1.5 U	17 U	130 U
Vinyl bromide (Bromoethene)	0.20 U	0.87 U	0.20 U	0.87 U	0.20 U	0.87 U	17 U	73 U
Vinyl chloride	0.20	0.51	0.20 U	0.51 U	0.20 U	0.51 U	17 U	43 U
Xylenes (total)	15	66	5.3	23	1.8	7.8	17 U	73 U

Notes:

U - Not present at the associated reporting limit

TABLE 3

ANALYTICAL METHODS AND HOLDING TIME CRITERIA
SOIL VAPOR INVESTIGATION PLANT 1/2
GENERAL MOTORS CORPORATION
ROCHESTER, NEW YORK
MAY 2014

			Holding Time	
Parameter	***Method***	***Matrix***	***Collection to Extraction (Days)***	***Collection or Extraction to Analysis (Days)***
Volatile Organic Compounds	TO-15 [1]	Air	-	30

Notes:

[1] "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air", EPA-625/R-96/010b, January 1999

TABLE 4

QUALIFIED SAMPLE DATA DUE TO EXCEEDANCE OF CALIBRATION RANGE
SOIL VAPOR INVESTIGATION PLANT 1/2
GENERAL MOTORS CORPORATION
ROCHESTER, NEW YORK
MAY 2014

Parameter	*Sample ID*	*Analyte*	*Qualified Result*	*Units*
VOCs	2288-050214-0907	Isopropyl alcohol	100 J	ppbv
	2288-050214-0914	2-Butanone (Methyl ethyl ketone) (MEK)	2000 J	ppbv
	2288-050214-0916	Isopropyl alcohol	130 J	ppbv
	2288-050214-0922	Isopropyl alcohol	200 J	ppbv
	2288-050214-0927	Isopropyl alcohol	160 J	ppbv
	2288-050214-0937	Isopropyl alcohol	190 J	ppbv
	2288-050214-0943	Chloroform (Trichloromethane)	140 J	ppbv
	2288-050214-0945	Isopropyl alcohol	130 J	ppbv
	2288-050214-0945	1,2,4-Trimethylbenzene	58 J	ppbv
	2288-050214-0950	1,2,4-Trimethylbenzene	42 J	ppbv
	2288-050214-1005	Isopropyl alcohol	160 J	ppbv
	2288-050214-1012	1,2,4-Trimethylbenzene	44 J	ppbv
	2288-050214-1020	1,2,4-Trimethylbenzene	650 J	ppbv

Notes:

VOCs Volatile Organic Compounds
J Estimated concentration

Technical Memorandum

19 August 2021

To	Denis Conley [dconley@haleyaldrich.com]	**Tel**	716-205-1942
Copy to	Claire Mondello [cmondello@haleyaldrich.com]	**Email**	Kathleen.Willy@ghd.com
From	Kathleen Willy/cs/294	**Ref. No.**	058507
Subject	Analytical Results and Full Validation Annual Groundwater Monitoring Delphi Automotive Systems Site #828064 Rochester, New York May-June 2021		

1. Introduction

This document details a reduced validation of analytical results for groundwater samples collected in support of the Annual Groundwater Monitoring at the Delphi Automotive Systems Site #828064 during May and June 2021. Samples were submitted to ALS Environmental located in Rochester, New York. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Standard GHD report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody forms, finished report forms, method blank data, recovery data from surrogate spikes/laboratory control samples (LCS)/matrix spikes (MS), and field QA/QC samples.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and applicable guidance from the document entitled "USEPA National Functional Guidelines for Superfund Organic Methods Data Review", USEPA 540-R-2016-002, September 2016.

This document will subsequently be referred to as the "Guidelines" in this Memorandum.

1. Sample Holding Time and Preservation

The sample holding time criteria for the analyses are summarized in Table 3. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were prepared and analyzed within the required holding times.

All samples were properly preserved, delivered on ice, and stored by the laboratory at the required temperature (0-6°C).

2. Laboratory Method Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

All method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation.

3. Surrogate Spike Recoveries - Organic Analyses

In accordance with the methods employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample extraction and/or analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for volatile organic compound (VOC) determinations were spiked with the appropriate number of surrogate compounds prior to sample analysis.

Surrogate recoveries were assessed against laboratory control limits. All surrogate recoveries met the laboratory criteria.

4. Laboratory Control Sample Analyses

LCS/laboratory control sample duplicates (LCSD) are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects. The relative percent difference (RPD) of the LCS/LCSD recoveries is used to evaluate analytical precision.

For this study, LCS/LCSD were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

The LCS/LCSD contained all compounds of interest. All LCS recoveries and RPDs were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision with the exception of two slightly high VOC recoveries. All associated positive sample results were qualified as estimated (see Table 4). Non-detect results would not have been impacted by the implied high bias.

5. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

To evaluate the effects of sample matrices on the sample preparation process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS/MSD samples. The RPD between the MS and MSD is used to assess analytical precision.

MS/MSD analyses were performed as specified in Table 1.

The MS/MSD samples were spiked with all compounds of interest. All percent recoveries and RPD values were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision with the exception of some high VOC recoveries. All associated sample results were non-detect and no qualification of the data was required.

6. Field QA/QC Samples

The field QA/QC consisted of two trip blank samples, one rinse blank sample, and one field duplicate sample set.

Trip Blank Sample Analysis

To evaluate contamination from sample collection, transportation, storage, and analytical activities, two trip blanks were submitted to the laboratory for volatile organic compound (VOC) analysis. All results were non-detect for the compounds of interest.

Equipment Blank Sample Analysis

To assess field decontamination procedures, ambient conditions at the site, and cleanliness of sample containers, one equipment blank was submitted for analysis, as identified in Table 1. All results were non-detect for the analytes of interest with the exception of low concentrations of various VOCs. Associated samples with concentrations similar to that found in the blanks were qualified as non-detect. A summary of qualified results is presented in Table 5.

Field Duplicate Sample Analysis

To assess the analytical and sampling protocol precision, one field duplicate sample was collected and submitted "blind" to the laboratory, as specified in Table 1. The RPDs associated with this duplicate sample must be less than 50 percent for water samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the reporting limit (RL), the evaluation criterion is one times the RL value for water samples.

All field duplicate results met the above criteria demonstrating acceptable sampling and analytical precision.

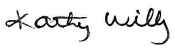
7. Analyte Reporting

The laboratory reported detected results down to the laboratory's method detection limit (MDL) for each analyte. Positive analyte detections less than the RL but greater than the MDL were reported as estimated (J) in Table 2 unless qualified otherwise in this memorandum. Non-detect results were presented as non-detect at the RL in Table 2.

8. Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable with the specific qualifications noted herein.

Regards,



Kathleen Willy
Digital Intelligence-Data Management-Chemist

Table 1

Sample Collection and Analysis Summary
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
May - June 2021

Sample Identification	Location	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	Analysis/Parameters: VOCs	Comments
DR105-052721-1600	DR-105	Groundwater	05/27/2021	16:00	x	
DR109-060121-1345	DR-109	Groundwater	06/01/2021	13:45	x	
DR132-052821-1215	DR-132	Groundwater	05/28/2021	12:15	x	
DR315-052821-1420	DR-315	Groundwater	05/28/2021	14:20	x	
20109-060321-0002	-	Water	06/03/2021	08:45	x	Equipment Blank
PZ113-0052821-0945	PZ-113	Groundwater	05/28/2021	09:45	x	
R3-052721-1030	R-3	Groundwater	05/27/2021	10:30	x	
R101-052721-1340	R-101	Groundwater	05/27/2021	13:40	x	MS/MSD
R108-060121-1550	R-108	Groundwater	06/01/2021	15:50	x	
R109-060121-1215	R-109	Groundwater	06/01/2021	12:15	x	
20109-060121-0001	R-109	Groundwater	06/01/2021	-	x	Field duplicate of sample R109-060121-1215
R301-060121-1000	R-301	Groundwater	06/01/2021	10:00	x	
R303-060221-1250	R-303	Groundwater	06/02/2021	12:50	x	
R306-060221-1000	R-306	Groundwater	06/02/2021	10:00	x	
R401-060321-1010	R-401	Groundwater	06/03/2021	10:10	x	
R403-060221-1515	R-403	Groundwater	06/02/2021	15:15	x	
SR101-052721-1150	SR-101	Groundwater	05/27/2021	11:50	x	
SR301-060121-1110	SR-301	Groundwater	06/01/2021	11:10	x	
SR303-060221-1130	SR-303	Groundwater	06/02/2021	11:30	x	
Trip Blank 1	-	Water	06/02/2021	-	x	Trip Blank
Trip Blank 2	-	Water	06/03/2021	-	x	Trip Blank

Notes:

VOCs - Volatile Organic Compounds
\- - Not applicable

Table 2

Anaytical Results Summary
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
May - June 2021

Location ID:	DR-105	DR-109	DR-132
Sample Name:	DR105-052721-1600	DR109-060121-1345	DR132-052821-1215
Sample Date:	05/27/2021	06/01/2021	05/28/2021
Parameters	**Unit**		
Volatile Organic Compounds			
1,1,1-Trichloroethane	µg/L	10 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	10 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	10 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	10 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	10 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	10 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	20 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	10 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	10 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	10 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	10 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	10 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	10 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	26 J	55	5.0 U
2-Hexanone	µg/L	50 U	8.1	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	50 U	0.91 J	5.0 U
Acetone	µg/L	180	170	5.0 U
Benzene	µg/L	40	1.6	35
Bromodichloromethane	µg/L	10 U	1.0 U	1.0 U
Bromoform	µg/L	10 U	1.0 U	1.0 U

Table 2

Anaytical Results Summary
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
May - June 2021

Location ID:	DR-105	DR-109	DR-132
Sample Name:	DR105-052721-1600	DR109-060121-1345	DR132-052821-1215
Sample Date:	05/27/2021	06/01/2021	05/28/2021
Parameters	**Unit**		
Volatile Organic Compounds			
Bromomethane (Methyl bromide)	µg/L	10 U	1.0	1.0 U
Carbon disulfide	µg/L	10 U	1.0 U	1.8
Carbon tetrachloride	µg/L	10 U	1.0 U	1.0 U
Chlorobenzene	µg/L	10 U	1.0 U	1.0 U
Chloroethane	µg/L	10 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	10 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	10 U	0.73 J	1.0 U
cis-1,2-Dichloroethene	µg/L	10 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	10 U	1.0 U	1.0 U
Cyclohexane	µg/L	10 U	1.0 U	1.1
Dibromochloromethane	µg/L	10 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	10 U	1.0 U	1.0 U
Ethylbenzene	µg/L	10 U	1.0 U	0.49 J
Isopropyl benzene	µg/L	10 U	1.0 U	0.21 J
Methyl acetate	µg/L	3.5 J	2.0 U	2.0 U
Methyl cyclohexane	µg/L	10 U	1.0 U	0.56 J
Methyl tert butyl ether (MTBE)	µg/L	10 U	1.0 U	1.0 U
Methylene chloride	µg/L	10 U	1.0 U	1.0 U
Styrene	µg/L	10 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	10 U	1.0 U	1.0 U

Table 2

Anaytical Results Summary
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
May - June 2021

Location ID:		**DR-105**	**DR-109**	**DR-132**
Sample Name:		**DR105-052721-1600**	**DR109-060121-1345**	**DR132-052821-1215**
Sample Date:		**05/27/2021**	**06/01/2021**	**05/28/2021**
Parameters	**Unit**			
Volatile Organic Compounds				
Toluene	µg/L	4.5 J	1.1	2.4
trans-1,2-Dichloroethene	µg/L	10 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	10 U	1.0 U	1.0 U
Trichloroethene	µg/L	10 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	10 U	1.0 U	1.0 U
Trifluorotrichloroethane (CFC-113)	µg/L	10 U	1.0 U	1.0 U
Vinyl chloride	µg/L	10 U	1.0 U	1.0 U
Xylenes (total)	µg/L	30 U	0.35 J	4.6

Table 2

Anaytical Results Summary
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
May - June 2021

Location ID:		DR-315	PZ-113	R-3	R-101
Sample Name:		DR315-052821-1420	PZ113-0052821-0945	R3-052721-1030	R101-052721-1340
Sample Date:		05/28/2021	05/28/2021	05/27/2021	05/27/2021
Parameters	**Unit**				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.9	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	23	5.0 U	5.0 U	0.93 J
2-Hexanone	µg/L	1.3 J	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	0.62 J	5.0 U	5.0 U	5.0 U
Acetone	µg/L	120	5.0 U	5.0 U	5.0 U
Benzene	µg/L	110	1.0 U	1.0 U	0.57 J
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

Table 2

Anaytical Results Summary
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
May - June 2021

Location ID:		DR-315	PZ-113	R-3	R-101
Sample Name:		DR315-052821-1420	PZ113-0052821-0945	R3-052721-1030	R101-052721-1340
Sample Date:		05/28/2021	05/28/2021	05/27/2021	05/27/2021
Parameters	**Unit**				
Volatile Organic Compounds					
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	0.83 J	1.2
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.6	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.4	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	0.40 J	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	0.23 J
Methyl acetate	µg/L	0.63 J	2.0 U	2.0 U	2.0 U
Methyl cyclohexane	µg/L	0.60 J	1.0 U	1.0 U	0.69 J
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

Table 2

Anaytical Results Summary
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
May - June 2021

Location ID:		DR-315	PZ-113	R-3	R-101
Sample Name:		DR315-052821-1420	PZ113-0052821-0945	R3-052721-1030	R101-052721-1340
Sample Date:		05/28/2021	05/28/2021	05/27/2021	05/27/2021
Parameters	**Unit**				
Volatile Organic Compounds					
Toluene	µg/L	5.9	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (CFC-113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	2.0	1.0 U
Xylenes (total)	µg/L	1.6 J	3.0 U	3.0 U	0.66 J

Table 2

Anaytical Results Summary
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
May - June 2021

Location ID:		R-108	R-109	R-109	R-301
Sample Name:		R108-060121-1550	R109-060121-1215	20109-060121-0001	R301-060121-1000
Sample Date:		06/01/2021	06/01/2021	06/01/2021 Duplicate	06/01/2021
Parameters	**Unit**				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	0.34 J	9.8	10	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	0.22 J	0.20 J	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	0.41 J
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

Table 2

Anaytical Results Summary
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
May - June 2021

Location ID:		R-108	R-109	R-109	R-301
Sample Name:		R108-060121-1550	R109-060121-1215	20109-060121-0001	R301-060121-1000
Sample Date:		06/01/2021	06/01/2021	06/01/2021 Duplicate	06/01/2021
Parameters	**Unit**				
Volatile Organic Compounds					
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	2.9	1.6	1.5	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	0.74 J	18	19	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

Table 2

Anaytical Results Summary
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
May - June 2021

	Location ID:	R-108	R-109	R-109	R-301
	Sample Name:	R108-060121-1550	R109-060121-1215	20109-060121-0001	R301-060121-1000
	Sample Date:	06/01/2021	06/01/2021	06/01/2021 Duplicate	06/01/2021
Parameters	**Unit**				
Volatile Organic Compounds					
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	0.60 J	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (CFC-113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	85	85	1.0 U
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U

Table 2

Anaytical Results Summary
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
May - June 2021

Location ID:		R-303	R-306	R-401	R-403
Sample Name:		R303-060221-1250	R306-060221-1000	R401-060321-1010	R403-060221-1515
Sample Date:		06/02/2021	06/02/2021	06/03/2021	06/02/2021
Parameters	**Unit**				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	0.21 J	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	0.39 J	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	0.24 J
Acetone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

Table 2

Anaytical Results Summary
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
May - June 2021

Location ID:		R-303	R-306	R-401	R-403
Sample Name:		R303-060221-1250	R306-060221-1000	R401-060321-1010	R403-060221-1515
Sample Date:		06/02/2021	06/02/2021	06/03/2021	06/02/2021
Parameters	**Unit**				
Volatile Organic Compounds					
Bromomethane (Methyl bromide)	µg/L	1.0 U	0.96 J	1.0 U	0.96 J
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	0.35 J	0.56 J	1.0 U	1.6
cis-1,2-Dichloroethene	µg/L	0.33 J	6.5	22	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
Methyl cyclohexane	µg/L	0.21 J	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

Table 2

Anaytical Results Summary
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
May - June 2021

Location ID:		R-303	R-306	R-401	R-403
Sample Name:		R303-060221-1250	R306-060221-1000	R401-060321-1010	R403-060221-1515
Sample Date:		06/02/2021	06/02/2021	06/03/2021	06/02/2021
Parameters	**Unit**				
Volatile Organic Compounds					
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	0.57 J	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	0.32 J	4.8	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (CFC-113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	0.76 J	0.35 J	7.3	0.73 J
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U

Table 2

Anaytical Results Summary
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
May - June 2021

	Location ID:	SR-101	SR-301	SR-303
	Sample Name:	SR101-052721-1150	SR301-060121-1110	SR303-060221-1130
	Sample Date:	05/27/2021	06/01/2021	06/02/2021
Parameters	**Unit**			
Volatile Organic Compounds				
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	0.79 J	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U
Acetone	µg/L	5.0 U	5.0 U	5.0 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U

Table 2

Anaytical Results Summary
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
May - June 2021

Location ID:	SR-101	SR-301	SR-303
Sample Name:	SR101-052721-1150	SR301-060121-1110	SR303-060221-1130
Sample Date:	05/27/2021	06/01/2021	06/02/2021

Parameters	Unit			
Volatile Organic Compounds				
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	0.49 J	0.91 J
cis-1,2-Dichloroethene	µg/L	1.0 U	120	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	2.0 U	2.0 U	2.0 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U

Table 2

Anaytical Results Summary
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
May - June 2021

Location ID:		**SR-101**	**SR-301**	**SR-303**
Sample Name:		**SR101-052721-1150**	**SR301-060121-1110**	**SR303-060221-1130**
Sample Date:		**05/27/2021**	**06/01/2021**	**06/02/2021**
Parameters	**Unit**			
Volatile Organic Compounds				
Toluene	µg/L	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	0.56 J	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	37	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (CFC-113)	µg/L	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	4.6	1.0 U
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U

Notes:

J - Estimated concentration

U - Not detected at the associated reporting limit

Table 3

Analytical Methods
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
May - June 2021

Parameter	Method	Matrix	Holding Time Collection to Analysis (Days)
Volatile Organic Compounds (VOCs)	SW-846 8260C	Water	14

Method References:

SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions

Table 4

Qualified Sample Results Due to Outlying Laboratory Control Sample Results
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
May - June 2021

Parameter	Analyte	LCS Date (mm/dd/yyyy)	LCS % Recovery	Control Limits % Recovery	Associated Sample ID	Qualified Results	Units
VOCs	1,1-Dichloroethene	06/07/2021	126	71 - 118	SR301-060121-1110	0.79 J	µg/L
					R401-060321-1010	0.39 J	µg/L
VOCs	trans-1,2-Dichloroethene	06/07/2021	121	73 - 118	SR301-060121-1110	0.56 J	µg/L
					R108-060121-1550	0.60 J	µg/L
					R401-060321-1010	0.57 J	µg/L

Notes:

LCS - Laboratory Control Sample
J - Estimated concentration
VOCs - Volatile Organic Compounds

Table 5

Qualified Sample Data Due to Analyte Concentrations in the Rinse Blanks
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
May - June 2021

Parameter	Rinse Blank ID	Blank Date (mm/dd/yyyy)	Analyte	Blank Result	Associated Sample ID	Original Result	Qualified Result	Units
VOCS	20109-060321-0002	06/03/2021	Chloromethane (Methyl chloride)	0.62 J	R401-060321-1010	0.81 J	1.0 U	µg/L

Notes:

U - Not detected at the associated reporting limit
J - Estimated concentration
VOCs - Volatile Organic Compounds

Memorandum

July 26, 2019

To:	Denis Conley [dconley@haleyaldrich.com]	Ref. No.:	058507-255017
From:	Michelle Kukta/eew/261	Tel:	716-205-1990
CC:	Claire Mondello [cmondello@haleyaldrich.com], Kathy Willy		

Subject: **Analytical Results and Reduced Validation**
Annual Groundwater Monitoring
General Motors - Delphi Automotive Systems Site #828064
Rochester, New York
June 2019

1. Introduction

This document details a reduced validation of analytical results for non-aqueous phase liquid (NAPL) samples collected in support of the Annual Groundwater Monitoring at the Delphi Automotive Systems Site #828064 during June 2019. Samples were submitted to ALS Environmental located in Rochester, New York. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Standard GHD report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody forms, finished report forms, method blank data, recovery data from surrogate spikes/laboratory control samples (LCS)/matrix spikes (MS), and field QA/QC samples.

The QA/QC criteria by which these data have been assessed are outlined in the analytical method referenced in Table 3 and applicable guidance from the document entitled "USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review", United States Environmental Protection Agency (USEPA) 540-R-08-01, June 2008.

This document will subsequently be referred to as the "Guidelines" in this Memorandum.

2. Sample Holding Time and Preservation

The sample holding time criteria for the analyses are summarized in Table 3. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were prepared and analyzed within the required holding times.

All samples were delivered on ice and stored by the laboratory at the required temperature (0-6°C).

3. Laboratory Method Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

All method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation.

4. Surrogate Spike Recoveries - Organic Analyses

In accordance with the methods employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample extraction and/or analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for polychlorinated biphenyls (PCB) determinations were spiked with the appropriate number of surrogate compounds prior to sample extraction and analysis.

Surrogate recoveries were assessed against laboratory control limits. All surrogate recoveries met the laboratory criteria.

5. Laboratory Control Sample Analyses

LCS are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects.

For this study, LCS were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

The LCS contained Aroclor 1016. The LCS recovery was within the laboratory control limits, demonstrating acceptable analytical accuracy.

6. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

To evaluate the effects of sample matrices on the sample preparation process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS/MSD samples. The RPD between the MS and MSD is used to assess analytical precision.

MS/MSD analyses were performed as specified in Table 1.

The MS/MSD sample was spiked with Aroclor 1016. The percent recoveries and RPD value were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision.

7. Analyte Reporting

The laboratory reported detected results down to the laboratory's method detection limit (MDL) for each analyte. No positive analyte detections less than the RL but greater than the MDL were reported. Non-detect results were presented as non-detect at the RL in Table 2.

8. Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable without qualification.

Table 1

Sample Collection and Analysis Summary
Annual Groundwater Monitoring
General Motors - Delphi Automotive Systems Site #828064
Rochester, New York
June 2019

					Analysis/Parameters	
Sample Identification	**Location**	**Matrix**	**Collection Date (mm/dd/yyyy)**	**Collection Time (hr:min)**	**PCBs**	**Comments**
R309-061219-0930	R-309	NAPL	06/12/2019	09:30	X	
SR309-061219-0940	SR-309	NAPL	06/12/2019	09:40	X	
SR503-061219-0950	SR-503	NAPL	06/12/2019	09:50	X	
SR310-061219-1000	SR-310	NAPL	06/12/2019	10:00	X	
SR312-061219-1010	SR-312	NAPL	06/12/2019	10:10	X	
SR313-061219-1020	SR-313	NAPL	06/12/2019	10:20	X	
SR326-061219-1030	SR-326	NAPL	06/12/2019	10:30	X	
R236-061219-1120	R-236	NAPL	06/12/2019	11:20	X	
LR2-061219-1130	LR-2	NAPL	06/12/2019	11:30	X	
PZ121-061219-1220	PZ-121	NAPL	06/12/2019	12:20	X	
SR102-061219-1300	SR-102	NAPL	06/12/2019	13:00	X	
R235-061219-1315	R-235	NAPL	06/12/2019	13:15	X	MS/MSD

Notes:

MS/MSD - Matrix Spike/Matrix Spike Duplicate
PCB - Polychlorinated Biphenyls

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
General Motors - Delphi Automotive Systems Site #828064
Rochester, New York
June 2019

Location ID:		LR-2	PZ-121	R-235	R-236	R-309	SR-102
Sample Name:		LR2-061219-1130	PZ121-061219-1220	R235-061219-1315	R236-061219-1120	R309-061219-0930	SR102-061219-1300
Sample Date:		06/12/2019	06/12/2019	06/12/2019	06/12/2019	06/12/2019	06/12/2019
Parameters	**Unit**						
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	2000 U	2000 U	2100 U	2000 U	2100 U	2000 U
Aroclor-1221 (PCB-1221)	µg/kg	4000 U	4000 U	4100 U	4000 U	4100 U	4000 U
Aroclor-1232 (PCB-1232)	µg/kg	2000 U	2000 U	2100 U	2000 U	2100 U	2000 U
Aroclor-1242 (PCB-1242)	µg/kg	2000 U	3100	2100 U	2000 U	2100 U	2000 U
Aroclor-1248 (PCB-1248)	µg/kg	16000	2000 U	19000	5500	2100 U	2000 U
Aroclor-1254 (PCB-1254)	µg/kg	2000 U	2000 U	2100 U	2000 U	2100 U	2000 U
Aroclor-1260 (PCB-1260)	µg/kg	2000 U	2000 U	2100 U	2000 U	2100 U	2000 U

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
General Motors - Delphi Automotive Systems Site #828064
Rochester, New York
June 2019

Location ID:		SR-309	SR-310	SR-312	SR-313	SR-326	SR-503
Sample Name:		SR309-061219-0940	SR310-061219-1000	SR312-061219-1010	SR313-061219-1020	SR326-061219-1030	SR503-061219-0950
Sample Date:		06/12/2019	06/12/2019	06/12/2019	06/12/2019	06/12/2019	06/12/2019
Parameters	**Unit**						
PCBs							
Aroclor-1016 (PCB-1016)	µg/kg	2000 U	2000 U	2100 U	2000 U	2000 U	2000 U
Aroclor-1221 (PCB-1221)	µg/kg	4000 U	4000 U	4100 U	4000 U	4000 U	4000 U
Aroclor-1232 (PCB-1232)	µg/kg	2000 U	2000 U	2100 U	2000 U	2000 U	2000 U
Aroclor-1242 (PCB-1242)	µg/kg	2000 U	2000 U	2100 U	2000 U	2000 U	2000 U
Aroclor-1248 (PCB-1248)	µg/kg	2000 U	2000 U	2100 U	70000	6300	2000 U
Aroclor-1254 (PCB-1254)	µg/kg	2000 U	2000 U	2100 U	2000 U	2000 U	2000 U
Aroclor-1260 (PCB-1260)	µg/kg	2000 U	2000 U	2100 U	2000 U	2000 U	2000 U

Notes:

U - Not detected at the associated reporting limit
PCBs - Polychlorinated Biphenyls

Table 3

Analytical Methods
Annual Groundwater Monitoring
General Motors - Delphi Automotive Systems Site #828064
Rochester, New York
June 2019

			Holding Time	
Parameter	**Method**	**Matrix**	**Collection to Extraction (Days)**	**Collection or Extraction to Analysis (Days)**
Polychlorinated Biphenyls (PCBs)	SW-846 8082	Water	365	40

Notes:

Method References:

SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions

Memorandum

July 26, 2019

To:	Denis Conley [dconley@haleyaldrich.com]	Ref. No.:	058507-255017
From:	Michelle Kukta/eew/262	Tel:	716-205-1990
CC:	Claire Mondello [cmondello@haleyaldrich.com], Kathy Willy		

Subject: **Analytical Results and Reduced Validation**
Annual Groundwater Monitoring
General Motors - Delphi Automotive Systems Site #828064
Rochester, New York
June 2019

1. Introduction

This document details a reduced validation of analytical results for groundwater samples collected in support of the Annual Groundwater Monitoring at the Delphi Automotive Systems Site #828064 during June 2019. Samples were submitted to ALS Environmental located in Rochester, New York. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Standard GHD report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody forms, finished report forms, method blank data, recovery data from surrogate spikes/laboratory control samples (LCS)/matrix spikes (MS), and field QA/QC samples.

The QA/QC criteria by which these data have been assessed are outlined in the analytical method referenced in Table 3 and applicable guidance from the document entitled "USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review", United States Environmental Protection Agency (USEPA) 540-R-08-01, June 2008.

This document will subsequently be referred to as the "Guidelines" in this Memorandum.

2. Sample Holding Time and Preservation

The sample holding time criteria for the analyses are summarized in Table 3. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were prepared and analyzed within the required holding times.

All samples were properly preserved, delivered on ice, and stored by the laboratory at the required temperature (0-6°C).

3. Laboratory Method Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

Most method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation, with the exception of low concentrations of carbon disulfide and chloromethane. Associated samples with concentrations similar to that found in the method blank were qualified as non-detect. A summary of qualified results is presented in Table 4.

4. Surrogate Spike Recoveries - Organic Analyses

In accordance with the methods employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample extraction and/or analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for volatile organic compound (VOC) determinations were spiked with the appropriate number of surrogate compounds prior to sample extraction and analysis.

Surrogate recoveries were assessed against laboratory control limits. All surrogate recoveries met the laboratory criteria.

5. Laboratory Control Sample Analyses

LCS are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects.

For this study, LCSs were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

The LCS contained all compounds of interest. All LCS recoveries were within the laboratory control limits, demonstrating acceptable analytical accuracy, with the exception of a high recovery for methyl acetate. All associated results were non-detect and were not impacted by the indicated high bias.

6. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

To evaluate the effects of sample matrices on the sample preparation process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analytes of concern and analyzed as MS/MSD samples. The RPD between the MS and MSD is used to assess analytical precision.

MS/MSD analyses were performed as specified in Table 1.

The MS/MSD samples were spiked with all compounds of interest. All percent recoveries and RPD values were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision.

7. Field QA/QC Samples

The field QA/QC consisted of two trip blank samples, two rinse blank samples, and one field duplicate sample set.

Trip Blank Sample Analysis

To evaluate contamination from sample collection, transportation, storage, and analytical activities, two trip blanks were submitted to the laboratory for VOC analysis. All results were non-detect for the compounds of interest with the exception of low concentrations of acetone and chloromethane. Associated samples with concentrations similar to that found in the blank were qualified as non-detect. A summary of qualified results is presented in Table 5.

Rinse Blank Sample Analysis

To assess field decontamination procedures, ambient conditions at the site, and cleanliness of sample containers, two rinse blanks were submitted for analysis, as identified in Table 1. All results were non-detect for the analytes of interest with the exception of a low concentration of methylene chloride. Associated samples were non-detect and results were not qualified.

Field Duplicate Sample Analysis

To assess the analytical and sampling protocol precision, one field duplicate sample was collected and submitted "blind" to the laboratory, as specified in Table 1. The RPDs associated with these duplicate samples must be less than 50 percent for water samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the reporting limit (RL), the evaluation criterion is one times the RL value for water samples.

Most field duplicate results were within acceptable agreement demonstrating acceptable sampling and analytical precision. Several VOC results for sample R109-061719-1250 and its field duplicate did show some variability. The original and duplicate sample results were qualified in Table 6.

8. Analyte Reporting

The laboratory reported detected results down to the laboratory's method detection limit (MDL) for each analyte. Positive analyte detections less than the RL but greater than the MDL were reported as estimated (J) in Table 2 unless qualified otherwise in this memorandum. Non-detect results were presented as non-detect at the RL in Table 2.

9. Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable with the specific qualifications noted herein.

Table 1

Sample Collection and Analysis Summary
Annual Groundwater Monitoring
General Motors - Delphi Automotive Systems Site #828064
Rochester, New York
June 2019

					Analysis/Parameters	
Sample Identification	**Location**	**Matrix**	**Collection Date (mm/dd/yyyy)**	**Collection Time (hr:min)**	**VOCs**	**Comments**
SR101-061219-1540	SR-101	Groundwater	06/12/2019	15:40	X	
R101-061219-1515	R-101	Groundwater	06/12/2019	15:15	X	
R3-061319-1110	R-3	Groundwater	06/13/2019	11:00	X	
DR132-061319-1342	DR-132	Groundwater	06/13/2019	13:42	X	
DR315-061319-1538	DR-315	Groundwater	06/13/2019	15:38	X	
DR105-061419-0940	DR-105	Groundwater	06/14/2019	09:40	X	
SR301-061419-1140	SR-301	Groundwater	06/14/2019	11:40	X	MS/MSD
R301-061419-1150	R-301	Groundwater	06/14/2019	11:50	X	
4248-061419-0001	-	Groundwater	06/14/2019	13:00	X	Equipment Blank
8045-061419-0001	-	Groundwater	06/14/2019	13:00	X	Equipment Blank
Trip Blank	-	Water	06/14/2019	-	X	Trip Blank
DR109-061719-1145	DR-109	Groundwater	06/17/2019	11:45	X	
R109-061719-1250	R-109	Groundwater	06/17/2019	12:50	X	
PZ113-061719-1500	PZ-113	Groundwater	06/17/2019	15:00	X	
4248-061719-0001	R-109	Groundwater	06/17/2019	-	X	FD(R109-061719-1250)
Trip Blank	-	Water	06/17/2019	-	X	Trip Blank
R401-061819-1050	R-401	Groundwater	06/18/2019	10:50	X	
R403-061819-1205	R-403	Groundwater	06/18/2019	12:05	X	

Table 1

Sample Collection and Analysis Summary
Annual Groundwater Monitoring
General Motors - Delphi Automotive Systems Site #828064
Rochester, New York
June 2019

					Analysis/Parameters	
Sample Identification	**Location**	**Matrix**	**Collection Date (mm/dd/yyyy)**	**Collection Time (hr:min)**	**VOCs**	**Comments**
SR303-061819-1410	SR-303	Groundwater	06/18/2019	14:10	X	
R303-061819-1435	R-303	Groundwater	06/18/2019	14:35	X	
R306-061919-0950	R-306	Groundwater	06/19/2019	09:50	X	
R108-061919-1115	R-108	Groundwater	06/19/2019	11:15	X	

Notes:

FD - Field Duplicate sample of sample in parenthesis
MS/MSD - Matrix Spike/Matrix Spike Duplicate
VOCs - Volatile Organic Compounds

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
General Motors - Delphi Automotive Systems Site #828064
Rochester, New York
June 2019

Location ID:		DR-105	DR-109	DR-132	DR-315	PZ-113
Sample Name:		DR105-061419-0940	DR109-061719-1145	DR132-061319-1342	DR315-061319-1538	PZ113-061719-1500
Sample Date:		06/14/2019	06/17/2019	06/13/2019	06/13/2019	06/17/2019
Parameters	**Unit**					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	20 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	30 J	40	5.0 U	6.3	5.0 U
2-Hexanone	µg/L	50 U	7.5	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	50 U	0.89 J	5.0 U	5.0 U	5.0 U
Acetone	µg/L	210	180	11.0 U	18.0 U	12.0 U
Benzene	µg/L	44	2.2	15	130	1.0 U
Bromodichloromethane	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	10 U	1.0 U	0.37 J	1.0 U	0.42 J
Carbon tetrachloride	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	2.7 J	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
General Motors - Delphi Automotive Systems Site #828064
Rochester, New York
June 2019

Location ID:		DR-105	DR-109	DR-132	DR-315	PZ-113
Sample Name:		DR105-061419-0940	DR109-061719-1145	DR132-061319-1342	DR315-061319-1538	PZ113-061719-1500
Sample Date:		06/14/2019	06/17/2019	06/13/2019	06/13/2019	06/17/2019
Parameters	**Unit**					
Volatile Organic Compounds (Continued)						
cis-1,2-Dichloroethene	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	10 U	1.0 U	0.61 J	1.5	1.0 U
Dibromochloromethane	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	10 U	0.25 J	0.33 J	0.28 J	1.0 U
Isopropyl benzene	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	20 U	0.44 J	2.0 U	2.0 U	2.0 U
Methyl cyclohexane	µg/L	10 U	1.0 U	0.43 J	0.52 J	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	6.8 J	1.5	2.2	5.1	1.0 U
trans-1,2-Dichloroethene	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (CFC-113)	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	10 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	30 U	0.80 J	4.0	1.4 J	3.0 U

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
General Motors - Delphi Automotive Systems Site #828064
Rochester, New York
June 2019

Location ID:		R-3	R-101	R-108	R-109	R-109
Sample Name:		R3-061319-1110	R101-061219-1515	R108-061919-1115	R109-061719-1250	4248-061719-0001
Sample Date:		06/13/2019	06/12/2019	06/19/2019	06/17/2019	06/17/2019
						Duplicate
Parameters	**Unit**					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	2.4	1.0 U	0.44 J	9.6	8.8
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	0.26 J	0.37 J
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	3.5 J	0.79 J	1.5 J	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	11.0 U	11.0 U	5.0 U	12.0 U	5.0 U
Benzene	µg/L	1.0 U	0.44 J	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	0.42 J	1.0 U	1.0 U	1.9 J	0.50 J
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
General Motors - Delphi Automotive Systems Site #828064
Rochester, New York
June 2019

Location ID:		R-3	R-101	R-108	R-109	R-109
Sample Name:		R3-061319-1110	R101-061219-1515	R108-061919-1115	R109-061719-1250	4248-061719-0001
Sample Date:		06/13/2019	06/12/2019	06/19/2019	06/17/2019	06/17/2019
						Duplicate
Parameters	**Unit**					
Volatile Organic Compounds (Continued)						
cis-1,2-Dichloroethene	µg/L	1.2	1.0 U	0.71 J	26	27
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	0.52 J	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (CFC-113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.1	100	100
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
General Motors - Delphi Automotive Systems Site #828064
Rochester, New York
June 2019

Location ID:		R-301	R-303	R-306	R-401	R-403
Sample Name:		R301-061419-1150	R303-061819-1435	R306-061919-0950	R401-061819-1050	R403-061819-1205
Sample Date:		06/14/2019	06/18/2019	06/19/2019	06/18/2019	06/18/2019
Parameters	**Unit**					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	0.24 J	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	0.35 J	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	1.3 J	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	11.0 U	12.0 U	5.0 U	12.0 U	12.0 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	0.88 J	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	0.34 J	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
General Motors - Delphi Automotive Systems Site #828064
Rochester, New York
June 2019

Location ID:		R-301	R-303	R-306	R-401	R-403
Sample Name:		R301-061419-1150	R303-061819-1435	R306-061919-0950	R401-061819-1050	R403-061819-1205
Sample Date:		06/14/2019	06/18/2019	06/19/2019	06/18/2019	06/18/2019
Parameters	**Unit**					
Volatile Organic Compounds (Continued)						
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	6.3	18	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl cyclohexane	µg/L	1.0 U	0.27 J	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	0.44 J	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	0.39 J	2.9	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (CFC-113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	9.3	0.58 J
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
General Motors - Delphi Automotive Systems Site #828064
Rochester, New York
June 2019

Location ID:		SR-101	SR-301	SR-303	Equipment Blank	Equipment Blank
Sample Name:		SR101-061219-1540	SR301-061419-1140	SR303-061819-1410	4248-061419-0001	8045-061419-0001
Sample Date:		06/12/2019	06/14/2019	06/18/2019	06/14/2019	06/14/2019
Parameters	**Unit**					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	0.64 J	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	1.1 J	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	5.0 U	11.0 U	12.0 U	11.0 U	11.0 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
General Motors - Delphi Automotive Systems Site #828064
Rochester, New York
June 2019

Location ID:		SR-101	SR-301	SR-303	Equipment Blank	Equipment Blank
Sample Name:		SR101-061219-1540	SR301-061419-1140	SR303-061819-1410	4248-061419-0001	8045-061419-0001
Sample Date:		06/12/2019	06/14/2019	06/18/2019	06/14/2019	06/14/2019
Parameters	**Unit**					
Volatile Organic Compounds (Continued)						
cis-1,2-Dichloroethene	µg/L	1.0 U	120	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	0.58 J	0.72 J
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	0.54 J	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	36	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (CFC-113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	6.7	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

Notes:

U - Not detected at the associated reporting limit
J - Estimated concentration

Table 3

Analytical Methods
Annual Groundwater Monitoring
General Motors - Delphi Automotive Systems Site #828064
Rochester, New York
June 2019

			Holding Time	
			Collection to Extraction	Collection or Extraction to Analysis
Parameter	**Method**	**Matrix**	**(Days)**	**(Days)**
Volatile Organic Compounds (VOCs)	SW-846 8260C	Water	-	14

Notes:

Method References:

SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions

"-" - Not applicable

Table 4

Qualified Sample Results Due to Analyte Concentrations in the Method Blanks
Annual Groundwater Monitoring
General Motors - Delphi Automotive Systems Site #828064
Rochester, New York
June 2019

Parameter	Analyte	Analysis Date (mm/dd/yyyy)	Blank Result *	Sample ID	Original Result	Qualified Result	Units
VOCs	Carbon disulfide	06/25/2019	0.27	R108-061919-1115	0.30 J	1.0 U	µg/L
VOCs	Chloromethane (Methyl chloride)	06/25/2019	0.38	R306-061919-0950	0.39 J	1.0 U	µg/L
				R403-061819-1205	0.39 J	1.0 U	µg/L

Notes:

* - Blank result adjusted for sample factors where applicable
U - Not detected at the associated reporting limit
J - Estimated concentration

Table 5

Qualified Sample Data Due to Analyte Concentrations in the Trip Blanks
Annual Groundwater Monitoring
General Motors - Delphi Automotive Systems Site #828064
Rochester, New York
June 2019

Parameter	Blank Date (mm/dd/yyyy)	Analyte	Blank Result	Associated Sample ID	Original Result	Qualified Result	Units
VOCs	06/14/2019	Acetone	11	R101-061219-1515	3.7 J	11.0 U	µg/L
				DR315-061319-1538	18	18.0 U	µg/L
				R3-061319-1110	5.8	11.0 U	µg/L
				DR132-061319-1342	5.3	11.0 U	µg/L
				R301-061419-1150	4.4 J	11.0 U	µg/L
				SR301-061419-1140	5.8	11.0 U	µg/L
				4248-061419-0001	2.9 J	11.0 U	µg/L
				8045-061419-0001	3.8 J	11.0 U	µg/L
VOCs	06/17/2019	Acetone	12	R109-061719-1250	3.9 J	12.0 U	µg/L
				PZ113-061719-1500	8.2	12.0 U	µg/L
				R401-061819-1050	7.3	12.0 U	µg/L
				R403-061819-1205	6.0	12.0 U	µg/L
				SR303-061819-1410	3.0 J	12.0 U	µg/L
				R303-061819-1435	4.9 J	12.0 U	µg/L
VOCs	06/17/2019	Chloromethane (Methyl chloride)	0.6	R109-061719-1250	0.31 J	1.0 U	µg/L
				R401-061819-1050	0.49 J	1.0 U	µg/L

Notes:

U - Not detected at the associated reporting limit
J - Estimated concentration

Table 6

Qualified Sample Data Due to Variability in Field Duplicate Results
Annual Groundwater Monitoring
General Motors - Delphi Automotive Systems Site #828064
Rochester, New York
June 2019

Parameter	Analyte	RPD / Diff	Sample ID	Qualified Result	Field Duplicate Sample ID	Qualified Result	Units
VOCs	Carbon disulfide	1.4	R109-061719-1250	1.9 J	4248-061719-0001	0.50 J	µg/L

Notes:

Diff - Difference (i.e., >1X RL for waters or >2XRL for soils)
RPD - Relative Percent Difference
J - Estimated concentration
VOCs - Volatile Organic Compounds

Memorandum

December 3, 2020

To:	Denis Conley [dconley@haleyaldrich.com]	Ref. No.:	058507-255018
From:	Kathy Willy/adh/287	Tel:	716-205-1942
CC:	Claire Mondello [cmondello@haleyaldrich.com]		

Subject: **Analytical Results and Reduced Validation**
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
September 2020

1. Introduction

This document details a reduced validation of analytical results for groundwater samples collected in support of the Annual Groundwater Monitoring at the Delphi Automotive Systems Site #828064 during September 2020. Samples were submitted to ALS Environmental located in Rochester, New York. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Standard GHD report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody form, finished report forms, method blank data, recovery data from surrogate spikes/laboratory control samples (LCS)/matrix spikes (MS), and field QA/QC samples.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and applicable guidance from the document entitled "USEPA National Functional Guidelines for Superfund Organic Methods Data Review", United States Environmental Protection Agency (USEPA) 540-R-2016-002, September 2016.

This document will subsequently be referred to as the "Guidelines" in this Memorandum.

2. Sample Holding Time and Preservation

The sample holding time criteria for the analyses are summarized in Table 3. Sample chain of custody document and analytical report were used to determine sample holding times. All samples were prepared and analyzed within the required holding times.

All samples were properly preserved, delivered on ice, and stored by the laboratory at the required temperature (0-6°C).

3. Laboratory Method Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

All method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation.

4. Surrogate Spike Recoveries - Organic Analyses

In accordance with the methods employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample extraction and/or analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for volatile organic compound (VOC) determinations were spiked with the appropriate number of surrogate compounds prior to sample analysis.

Surrogate recoveries were assessed against laboratory control limits. All surrogate recoveries met the laboratory criteria.

5. Laboratory Control Sample Analyses

LCS are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects.

For this study, LCS were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

The LCS contained all compounds of interest. All LCS recoveries were within the laboratory control limits, demonstrating acceptable analytical accuracy with the exception of a slightly high recovery of Trichlorofluoromethane (CFC-11). All associated sample results were non-detect, and no qualification of the data was required.

6. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

To evaluate the effects of sample matrices on the sample preparation process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS/MSD samples. The relative percent difference (RPD) between the MS and MSD is used to assess analytical precision.

MS/MSD analyses were performed as specified in Table 1.

The MS/MSD samples were spiked with all compounds of interest. All percent recoveries and RPD values were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision with the exception of a high MSD recovery of 2-hexanone. No qualification of the data was performed based on the acceptable recovery of the companion spike and the acceptable RPD.

7. Field QA/QC Samples

The field QA/QC consisted of two equipment blank samples and one field duplicate sample set.

Equipment Blank Sample Analysis

To assess field decontamination procedures, ambient conditions at the site, and cleanliness of sample containers, two equipment blanks were submitted for analysis, as identified in Table 1. All results were non-detect for the analytes of interest with the exception of low concentrations of acetone and chloroform. Associated samples with concentrations similar to that found in the blanks were qualified as non-detect. A summary of qualified results is presented in Table 4.

Field Duplicate Sample Analysis

To assess the analytical and sampling protocol precision, one field duplicate sample was collected and submitted "blind" to the laboratory, as specified in Table 1. The RPDs associated with these duplicate samples must be less than 50 percent for water samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the reporting limit (RL), the evaluation criterion is one times the RL value for water samples.

All field duplicate results were within agreement demonstrating acceptable sampling and analytical precision.

8. Analyte Reporting

The laboratory reported detected results down to the laboratory's method detection limit (MDL) for each analyte. Positive analyte detections less than the RL but greater than the MDL were reported as estimated (J) in Table 2 unless qualified otherwise in this memorandum. Non-detect results were presented as non-detect at the RL in Table 2.

9. Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable with the specific qualifications noted herein.

Table 1

Sample Collection and Analysis Summary
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
September 2020

					Analysis/Parameters	
Sample Identification	**Location**	**Matrix**	**Collection Date (mm/dd/yyyy)**	**Collection Time (hr:min)**	**VOCs**	**Comments**
DR105-091720-1105	DR-105	Groundwater	09/17/2020	11:05	x	Matrix Spike/Matrix Spike Duplicate
DR109-091520-1020	DR-109	Groundwater	09/15/2020	10:20	x	
DR132-091720-1155	DR-132	Groundwater	09/17/2020	11:55	x	
DR315-091620-1350	DR-315	Groundwater	09/16/2020	13:50	x	
20109-091620-0002	-	Water	09/16/2020	14:40	x	Equipment Blank
20109-091620-0003	-	Water	09/16/2020	14:40	x	Equipment Blank
PZ113-091620-1400	PZ-113	Groundwater	09/16/2020	14:00	x	
R3-091420-1500	R-3	Groundwater	09/14/2020	15:00	x	
R101-091420-1105	R-101	Groundwater	09/14/2020	11:05	x	
R108-091620-1025	R-108	Groundwater	09/16/2020	10:25	x	
R109-091520-0955	R-109	Groundwater	09/15/2020	09:55	x	
20109-091520-0001	R-109	Groundwater	09/15/2020	-	x	Field duplicate of sample R109-091520-0955
R301-091420-1305	R-301	Groundwater	09/14/2020	13:05	x	
R303-091520-1230	R-303	Groundwater	09/15/2020	12:30	x	
R306-091620-1100	R-306	Groundwater	09/16/2020	11:00	x	
R401-091520-1510	R-401	Groundwater	09/15/2020	15:00	x	
R403-091520-1510	R-403	Groundwater	09/15/2020	15:00	x	
SR101-091420-1100	SR-101	Groundwater	09/14/2020	11:00	x	
SR301-091420-1300	SR-301	Groundwater	09/14/2020	13:00	x	
SR303-091520-1220	SR-303	Groundwater	09/15/2020	12:20	x	

Notes:

VOCs - Volatile Organic Compounds
\- - Not applicable

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
September 2020

Location ID:		DR-105	DR-109	DR-132	DR-315
Sample Name:		DR105-091720-1105	DR109-091520-1020	DR132-091720-1155	DR315-091620-1350
Sample Date:		09/17/2020	09/15/2020	09/17/2020	09/16/2020
Parameters	**Unit**				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	10 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	10 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	10 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	10 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	10 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	10 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	20 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	10 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	10 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	10 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	10 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	10 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	10 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	50 U	51	100	40
2-Hexanone	µg/L	50 U	11	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	50 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	250	200	15	200
Benzene	µg/L	37	1.9	2.0	100
Bromodichloromethane	µg/L	10 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	10 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	10 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	10 U	1.0 U	7.8	1.0 U
Carbon tetrachloride	µg/L	10 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	10 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	10 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	10 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	10 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	10 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	10 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	10 U	1.0 U	1.0 U	1.8
Dibromochloromethane	µg/L	10 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	10 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	10 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	10 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	20 U	2.0 U	2.0 U	2.0 U
Methyl cyclohexane	µg/L	10 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	10 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	10 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	10 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	10 U	1.0 U	1.0 U	1.0 U

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
September 2020

Location ID:		DR-105	DR-109	DR-132	DR-315
Sample Name:		DR105-091720-1105	DR109-091520-1020	DR132-091720-1155	DR315-091620-1350
Sample Date:		09/17/2020	09/15/2020	09/17/2020	09/16/2020
Parameters	**Unit**				
Volatile Organic Compounds					
Toluene	µg/L	10 U	1.4	1.0 U	5.7
trans-1,2-Dichloroethene	µg/L	10 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	10 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	10 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	10 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (CFC-113)	µg/L	10 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	10 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	30 U	3.0 U	3.0 U	3.0 U

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
September 2020

Location ID:		PZ-113	R-3	R-101	R-108	R-109
Sample Name:		PZ113-091620-1400	R3-091420-1500	R101-091420-1105	R108-091620-1025	R109-091520-0955
Sample Date:		09/16/2020	09/14/2020	09/14/2020	09/16/2020	09/15/2020
Parameters	**Unit**					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.9	1.0 U	1.0 U	12
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.5	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	2.1	1.0 U	1.0 U	27
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
September 2020

Location ID:		PZ-113	R-3	R-101	R-108	R-109
Sample Name:		PZ113-091620-1400	R3-091420-1500	R101-091420-1105	R108-091620-1025	R109-091520-0955
Sample Date:		09/16/2020	09/14/2020	09/14/2020	09/16/2020	09/15/2020
Parameters	**Unit**					
Volatile Organic Compounds						
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (CFC-113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	2.5	1.0 U	1.0 U	130
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
September 2020

Location ID:		R-109	R-301	R-303	R-306	R-401
Sample Name:		20109-091520-0001	R301-091420-1305	R303-091520-1230	R306-091620-1100	R401-091520-1510
Sample Date:		09/15/2020	09/14/2020	09/15/2020	09/16/2020	09/15/2020
		Duplicate				
Parameters	**Unit**					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	12	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	5.0 U	5.5 U	5.1 U	5.0 U	5.4 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	27	1.0 U	1.0 U	6.5	24
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
September 2020

Location ID:		R-109	R-301	R-303	R-306	R-401
Sample Name:		20109-091520-0001	R301-091420-1305	R303-091520-1230	R306-091620-1100	R401-091520-1510
Sample Date:		09/15/2020	09/14/2020	09/15/2020	09/16/2020	09/15/2020
		Duplicate				
Parameters	**Unit**					
Volatile Organic Compounds						
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.5
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (CFC-113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	120	1.0 U	1.0 U	1.0 U	9.3
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
September 2020

Location ID:		R-403	SR-101	SR-301	SR-303
Sample Name:		R403-091520-1510	SR101-091420-1100	SR301-091420-1300	SR303-091520-1220
Sample Date:		09/15/2020	09/14/2020	09/14/2020	09/15/2020
Parameters	**Unit**				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	5.5 U	5.0 U	5.0 U	5.1 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.3
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	120	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
September 2020

Location ID:		**R-403**	**SR-101**	**SR-301**	**SR-303**
Sample Name:		**R403-091520-1510**	**SR101-091420-1100**	**SR301-091420-1300**	**SR303-091520-1220**
Sample Date:		**09/15/2020**	**09/14/2020**	**09/14/2020**	**09/15/2020**
Parameters	**Unit**				
Volatile Organic Compounds					
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	35	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (CFC-113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	7.1	1.0 U
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U

Notes:

U - Not detected at the associated reporting limit

Table 3

Analytical Methods
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
September 2020

Parameter	Method	Matrix	Holding Time Collection to Analysis (Days)
Volatile Organic Compounds (VOCs)	SW-846 8260C	Water	14

Notes:

Method Reference:
SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions

Table 4

Qualified Sample Data Due to Analyte Concentrations in the Rinse Blanks
Annual Groundwater Monitoring
Delphi Automotive Systems Site #828064
Rochester, New York
September 2020

Parameter	Rinse Blank ID	Blank Date (dd/mm/yyyy)	Analyte	Blank Result	Associated Sample ID	Original Result	Qualified Result	Units
VOCs	20109-091620-0002	09/16/2020	Acetone	5.1	R301-091420-1305	5.5	5.5 U	µg/L
	20109-091620-0003			6.7	SR303-091520-1220	5.1	5.1 U	µg/L
					R303-091520-1230	5.1	5.1 U	µg/L
					R403-091520-1510	5.5	5.5 U	µg/L
					R401-091520-1510	5.4	5.4 U	µg/L

Notes:

U - Not detected at the associated reporting limit
VOCs - Volatile Organic Compounds

APPENDIX K – SOIL COVER SYSTEM CONFIRMATION SAMPLING RESULTS

HALEY ALDRICH

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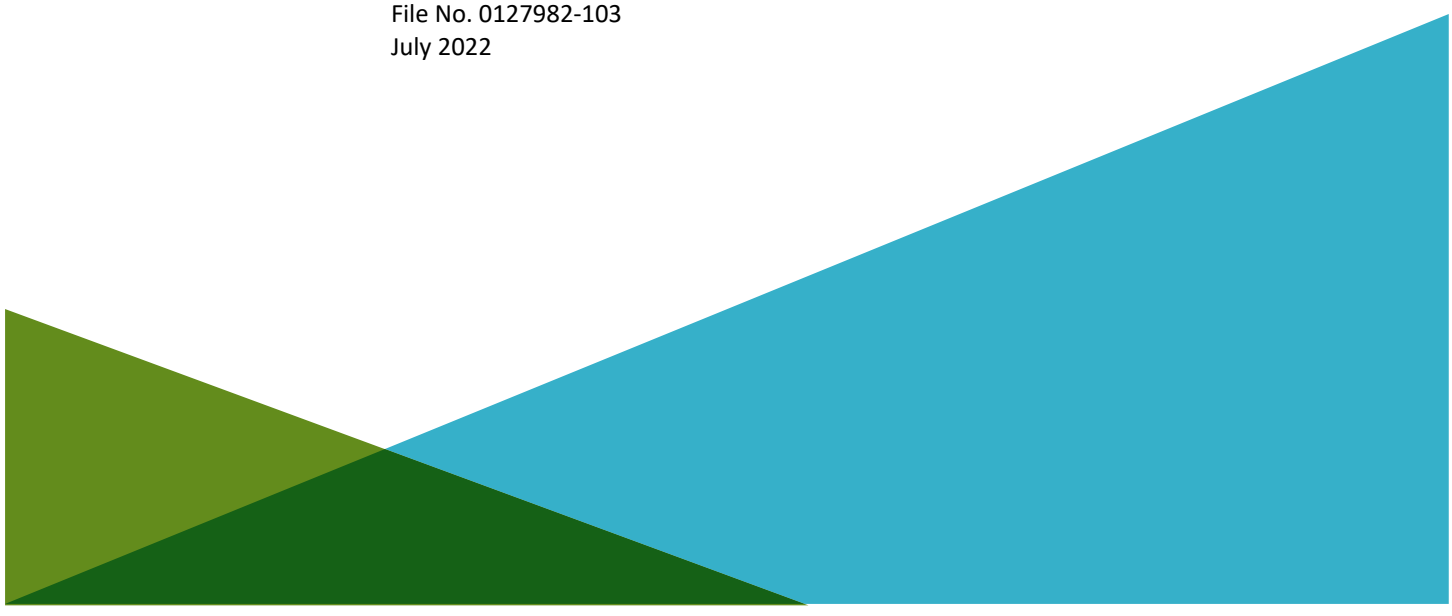
REPORT ON

SURFACE SOIL COVER SAMPLING PROGRAM
DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064
ROCHESTER, NEW YORK

by
Haley & Aldrich of New York
Rochester, New York

for
New York State Department of Environmental Conservation
Avon, New York

File No. 0127982-103
July 2022



HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

11 July 2022
File No. 0127982-103

New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 1444-9516

Attention: Danielle Miles, EIT
Project Manager

Subject: Surface Soil Cover Sampling Program Results
Delphi Automotive Systems Site No. 828064
Rochester, New York

Ladies and Gentlemen:

This letter report presents the results of the surface soil cover sampling program implemented at the Delphi Automotive Systems Site (NYSDEC Site No. 828064), 1000 Lexington Avenue, Rochester, New York (Site). The sampling program was conducted on behalf of GM Components Holdings LLC (GMCH) in accordance with the *Surface Soil Cover Confirmation Sampling and Analysis Plan* prepared by Haley & Aldrich of New York (Haley & Aldrich) and approved by the New York State Department of Environmental Conservation (NYSDEC) and New York State Department of Health (NYSDOH) with modifications on March 28, 2022.

The goal of the sampling program was to determine if the quality of the soil cover system in place within the lawn areas at the Site meets the restricted use criteria for both Commercial and Industrial future use provided at listed in Table 375-6.8(b): Restricted Use Soil Cleanup Objectives (SCOs) provided at 6NYCRR Part 375 Subpart 375-6.

Surface Soil Sampling Locations

On May 3, 2022, Haley & Aldrich personnel mobilized to the Site to obtain surface soil samples within the three (3) lawn areas presented on Figure 1. Lawn Area 1 is located along the eastern boundary of the East Parking Lot, Lawn Area 2 is located along the western side of the facility access road between the facility and the North Parking Lot and Lawn Area 3 is located in the northeast portion of the facility between the Additional Waste Treatment Area (AWTA) and Building 14. Figure 1 presents the location of the surface soil sampling locations within the respective Lawn Areas.

As requested by the Departments, five (5) individual sample locations were selected in Lawn Area 1, four (4) individual sample location were selected in Lawn Area 2 and two (2) individual sample locations were

selected in Lawn Area 3. At each sampling location, a discrete sample was collected using a hand-held stainless steel soil coring tool from a depth of between 0.0 - 0.5 feet below ground surface (bgs) and another sample was collected from below 0.5 but less than 1.0 feet bgs for the analysis of volatile organic compounds (VOCs) in accordance with EPA Method 5035/8260C. Also at each location and sampling interval, a separate aliquot of the recovered soil core was placed into a stainless-steel bowl and homogenized with a stainless-steel spatula to create two (2) composite samples for each lawn area representing each sample depth for the analysis of target compound list (TCL) semi-volatile organic compounds (SVOCs) by EPA method 8270D, TCL polychlorinated biphenyls (PCBs) and pesticides by EPA Method 8081 and Target Analyte List (TAL) metal constituents by EPA Methods 6010C and 7471 (Mercury).

Representative surface soil samples were collected from each sample location proposed in the approved work plan as requested in the Department approval letter dated March 28, 2022. However, at locations SS-01 through SS-05 within Lawn Area 1 located at the eastern end of the facility East Parking Lot, an asphalt barrier was encountered at a depth of between 0.65 and 0.85 feet bgs. Through discussion with the facility personnel, Haley & Aldrich understands that a soil cover had been placed over an existing asphalt layer that had served as personnel parking area in this area of the facility. Therefore, the composite sample collected for the sampling depth below 0.5 feet bgs in Lawn Area 1 (COMP-050322-1405) represents the soil quality from between 0.5 - 0.85 feet bgs in this area.

The collected samples were placed in laboratory provided containers, placed in sample coolers with wet ice and shipped to the laboratory under a chain of custody (COC) protocol via overnight express delivery.

Attachment 1 of this report provides the field report for each day of sample collection with a description of the field activities and a photograph log of the sampling locations.

SURFACE SOIL SAMPLE ANALYSIS

The collected surface soil samples were received by Eurofins Test America Laboratories, Buffalo New York facility, a New York State Department of Health (NYSDOH) approved environmental laboratory on May 6, 2022. The samples were analyzed in accordance with the procedures promulgated by the United States Environmental Protection Agency (USEPA) and published in the "Test Methods for Evaluating Solid Waste", Office of Solid Waste, updated June 8, 2020.

Table 1 of this report provides a summary of the reported results for the sample analysis conducted by Eurofins Test America and Attachment 2 provides a copy of the final laboratory report

QUALITY ASSURANCE QUALITY CONTROL PROCEDURES

Quality assurance and quality control (QA/QC) samples were collected and analyzed concurrently with the project samples to evaluate the precision and accuracy of the reported results. These QA/QC samples included:

- One (1) field equipment rinse blank sample

- One (1) field duplicate sample
- One (1) matrix spike / matrix spike duplicate samples, and,
- laboratory control sample / laboratory control sample duplicate (LCS/LCSD) and laboratory method blank samples with each analysis batch

The laboratory report was reviewed and evaluated by a third-party data validator, GHD, Inc. to determine the data usability. The data usability review was performed with guidance from the "National Functional Guidelines for Organic Superfund Methods Data Review," USEPA 540-R-20-005 and "National Functional Guidelines for Inorganic Superfund Methods Data Review," USEPA 540-R-20-006, November 2020. The findings of the data review indicated that the reported results are 100 % usable without additional qualification. A copy of the Data Usability Summary Report (DUSR) is provided as Attachment 3 to this report.

GRAVEL THICKNESS EVALUATION

After the completion of the grab and composite surface soil sampling activities, Haley & Aldrich personnel conducted an evaluation of the thickness of the gravel areas identified at the Site. A hand-held soil augur was used to advance a boring at several locations within the gravel areas to evaluate the structure of the matrix and confirm thickness to 1 foot. The locations of the borings are presented on Figure 1 and the descriptions of the gravel layer areas are provided in the Daily Field Activity report and presented in the photograph logs for 4 May 2022 in Attachment 1.

DISCUSSION

The results of the surface soil sampling program indicate that the concentration of the constituents analyzed at each sample location and sampling depth were below the SCOs for both Commercial and Industrial future use. The reported results for all of the discreet grab samples collected and analyzed for VOC were below the laboratory reporting limits and the unrestricted SCOs. The reported results for the detected constituents from the analysis of the composite samples collected from each lawn area and all of the reporting limits for the constituents reported as non-detect (ND) were below the Commercial Use SCOs without exception.

The evaluation of gravel thickness confirmed that in a majority of the areas where gravel is placed at the Site, the thickness is comprised primarily of loose gravel with some silty sand that extends below 1 foot in depth. However, augur refusal was encountered at locations G1-1, G3-1 and G3-2 due to the presence of concrete and brick encountered at a depth of approximately 0.6 feet bgs. Those locations are near the former buildings that have been removed from the Site and the obstructions may be related to those former structures.

CONCLUSIONS AND RECOMMENDATIONS

The results of the surface soil sampling and analysis activities and gravel thickness evaluation provide the following conclusions:

- The quality of the soil cover system within the lawn areas is compliant with the Restricted Soil Cleanup Objectives (SCOs) as defined at 6NYCRR Part 375-6 to support future use of Site for Commercial and/or Industrial purposes.
- An additional impervious layer consisting of asphalt is present at a depth of between 0.6 and 0.85 feet below ground surface within Lawn Area 1 located to the east of the facility East Parking Lot.
- The gravel placed above the overburden soils along the eastern side of the property consists of loose gravel with some silty sand extending to a depth of greater than 1 foot.
- Within the locations of former facility structures, the gravel present creates a dense layer of generally imperious material that likely extends beyond 1 foot in thickness.

Based on the findings of this investigation, we recommend the following actions:

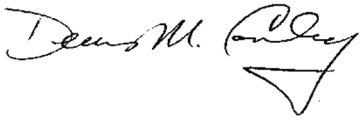
- Restriction of the future use of the Site to Commercial and/or Industrial purposes should be included in the Environmental Easement filed with the County of Monroe.
- Maintenance of the soil cover system and gravel areas to maintain a barrier to the impacted soils and groundwater areas identified during the Remedial Investigation (RI) and documented in the Site Management Plan.
- Periodic inspection of the site cover system to be conducted by a qualified environmental person (QEP) with reporting as part of the Periodic Review Report for submission to the Departments for review and approval.

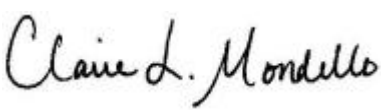
CLOSING

If you have any questions concerning the information in this report, please contact the undersigned at (585) 359-9000 or dconley@haleyaldrich.com or cmondello@haleyaldrich.com.

Thank you for your support of this project.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK





Denis M. Conley
Senior Associate

Claire Mondello, CHMM
Program Manager

HALEY ALDRICH

Enclosures:

Table 1 – Summary of Laboratory Results
Figure 1 – Sample Locations
Attachment 1 – Daily Field Reports May 3-4, 2022
Attachment 2 - Analytical Report – Eurofins Test America Laboratories dated 19 May 2022
Attachment 3 – Data Usability Summary Report – GHD, Inc. dated 25 June 2022

c: Michael Cruden, NYSDEC
Julia Kenney, NYSDOH
Dudley Loew, NYSDEC
John Maher, GM, LLC.
Kenneth Gold, GM, LLC.
Natalie Hahn, GMCH Rochester Operations Facility

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References

1. Work Plan. Surface Soil Cover Confirmation Sampling and Analysis Plan, Delphi Automotive Systems Site No. 828064, 1000 Lexington Avenue, Rochester, New York. H&A of New York. March 2022.

2. Letter Correspondence. Surface Soil Cover Confirmation Sampling and Analysis Plan, 1000 Lexington Ave Rochester, New York, NYSDEC, March 2022.

3. DRAFT Site Management Plan (SMP), Delphi Automotive Systems Site No. 828064, 1000 Lexington Avenue, Rochester, New York. H&A of New York. April 2022.

4. Remedial Investigation Report (RIR), Delphi Automotive Systems Site No. 828064, 1000 Lexington Avenue, Rochester, New York. H&A of New York. November 2007.

5. Technical Guidance for Site Investigation and Remediation (DER-10), NYSDEC, May 2010. https://www.dec.ny.gov/docs/remediation_hudson_pdf/der10.pdf

6. New York Code of Rules and Regulations (6NYCRR), Part 375, Subpart 375-6, Table 375-6.8 (b): Restricted Use Soil Cleanup Objectives. NYSDEC. December 2006. https://www.dec.ny.gov/docs/remediation_hudson_pdf/part375.pdf

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TABLE 1
SUMMARY OF LABORATORY ANALYSIS RESULTS

TABLE I
SUMMARY OF SURFACE SOIL SAMPLE ANALYSIS RESULTS
DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064
1000 LEXINGTON AVE, ROCHESTER, NEW YORK
May 3-4, 2022

Sample Name	NYSDEC Part 375-6 Commercial Soil Cleanup Objectives (SCOs)	SS01-050322-1325	SS01-050322-1330	SS02-050322-1030	SS02-050322-1035	SS03-050322-1050	SS03-050322-1055	SS04-050322-1115	SS04-050322-1120	SS05-050322-1135	SS05-050322-1140	SS06-050322-1450	SS06-050322-1455
Sample Date	(ug/Kg)	05/03/2022	05/03/2022	05/03/2022	05/03/2022	05/03/2022	05/03/2022	05/03/2022	05/03/2022	05/03/2022	05/03/2022	05/03/2022	05/03/2022
		Lawn Area 1											
Volatile Organic Compounds (ug/kg)													
1,1,1-Trichloroethane	500000	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
1,1,2,2-Tetrachloroethane	NS	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
1,1,2-Trichloroethane	NS	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
1,1-Dichloroethane	240000	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
1,1-Dichloroethene	50000	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
1,2,4-Trichlorobenzene	NS	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
1,2-Dibromo-3-chloropropane (DBCP)	NS	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
1,2-Dibromoethane (Ethylene Dibromide)	NS	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
1,2-Dichlorobenzene	500000	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
1,2-Dichloroethane	30000	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
1,2-Dichloropropane	NS	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
1,3-Dichlorobenzene	280000	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
1,4-Dichlorobenzene	130000	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
2-Butanone (Methyl Ethyl Ketone)	500000	ND (27)	ND (23)	ND (24)	ND (23)	ND (25)	ND (19)	ND (24)	ND (28)	ND (21)	ND (24)	ND (25)	ND (29)
2-Hexanone (Methyl Butyl Ketone)	NS	ND (27)	ND (23)	ND (24)	ND (23)	ND (25)	ND (19)	ND (24)	ND (28)	ND (21)	ND (24)	ND (25)	ND (29)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NS	ND (27)	ND (23)	ND (24)	ND (23)	ND (25)	ND (19)	ND (24)	ND (28)	ND (21)	ND (24)	ND (25)	ND (29)
Acetone	500000	ND (27)	ND (23)	ND (24)	ND (23)	ND (25)	ND (19)	ND (24)	ND (28)	ND (21)	ND (24)	**5.5 J**	ND (29)
Benzene	44000	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	**0.29 J**
Bromodichloromethane	NS	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
Bromoform	NS	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
Bromomethane (Methyl Bromide)	NS	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
Carbon disulfide	NS	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
Carbon tetrachloride	22000	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
Chlorobenzene	500000	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
Chloroethane	NS	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
Chloroform (Trichloromethane)	350000	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
Chloromethane (Methyl Chloride)	NS	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
cis-1,2-Dichloroethene	NS	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
cis-1,3-Dichloropropene	NS	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
Cyclohexane	NS	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
Dibromochloromethane	NS	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
Dichlorodifluoromethane (CFC-12)	NS	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
Ethylbenzene	390000	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
Isopropylbenzene (Cumene)	NS	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
Methyl acetate	NS	ND (27)	ND (23)	ND (24)	ND (23)	ND (25)	ND (19)	ND (24)	ND (28)	ND (21)	ND (24)	ND (25)	ND (29)
Methyl Tert Butyl Ether (MTBE)	500000	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
Methylcyclohexane	NS	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
Methylene chloride (Dichloromethane)	500000	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
Styrene	NS	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
Tetrachloroethene	150000	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
Toluene	500000	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	**0.44 J**
trans-1,2-Dichloroethene	500000	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
trans-1,3-Dichloropropene	NS	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
Trichloroethene	200000	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
Trichlorofluoromethane (CFC-11)	NS	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
Trifluorotrichloroethane (Freon 113)	NS	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
Vinyl chloride	13000	ND (5.4)	ND (4.5)	ND (4.8)	ND (4.6)	ND (5)	ND (3.8)	ND (4.8)	ND (5.6)	ND (4.1)	ND (4.7)	ND (5)	ND (5.8)
Xylene (total)	500000	ND (11)	ND (9)	ND (9.6)	ND (9.2)	ND (10)	ND (7.5)	ND (9.7)	ND (11)	ND (8.3)	ND (9.5)	ND (10)	ND (12)

Notes:
1. Results in **bold** were detected.
2. ND - Not detected above the reporting limit
   Refer to lab report for data qualifier information
3. Data in process of validation, table considered draft.
4. J - Estimated Concentration
5. NYSDEC Commercial SCO - New York Department of Environmental Conservation Brownfield Clean-up Program Soil Cleanup Objectives Table 375-6.8 (b) (https://www.dec.ny.gov/docs/remediation_hudson_pdf/part375.pdf)
6. NS - No Soil Clean-up Objectives published for this parameter.

TABLE I
SUMMARY OF SURFACE SOIL SAMPLE ANA
DELPHI AUTOMOTIVE SYSTEMS SITE NO. 8
1000 LEXINGTON AVE, ROCHESTER, NEW Y
May 3-4, 2022

Sample Name	SS07-050322-1505	SS07-050322-1510	SS08-050322-1520	SS09-050322-1530	SS10-050422-0900	SS10-050422-0905	SS11-050422-0910	SS11-050422-0915
Sample Date	05/03/2022	05/03/2022	05/03/2022	05/03/2022	05/04/2022	05/04/2022	05/04/2022	05/04/2022
	Lawn Area 2				Lawn Area 3			
Volatile Organic Compounds (ug/kg)								
1,1,1-Trichloroethane	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
1,1,2,2-Tetrachloroethane	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
1,1,2-Trichloroethane	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
1,1-Dichloroethane	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
1,1-Dichloroethene	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
1,2,4-Trichlorobenzene	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
1,2-Dibromo-3-chloropropane (DBCP)	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
1,2-Dibromoethane (Ethylene Dibromide)	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
1,2-Dichlorobenzene	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
1,2-Dichloroethane	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
1,2-Dichloropropane	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
1,3-Dichlorobenzene	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
1,4-Dichlorobenzene	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
2-Butanone (Methyl Ethyl Ketone)	ND (25)	ND (22)	ND (25)	ND (31)	ND (28)	ND (25)	ND (23)	ND (23)
2-Hexanone (Methyl Butyl Ketone)	ND (25)	ND (22)	ND (25)	ND (31)	ND (28)	ND (25)	ND (23)	ND (23)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ND (25)	ND (22)	ND (25)	ND (31)	ND (28)	ND (25)	ND (23)	ND (23)
Acetone	ND (25)	ND (22)	ND (25)	ND (31)	ND (28)	ND (25)	ND (23)	**5 J**
Benzene	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
Bromodichloromethane	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
Bromoform	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
Bromomethane (Methyl Bromide)	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
Carbon disulfide	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
Carbon tetrachloride	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
Chlorobenzene	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
Chloroethane	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
Chloroform (Trichloromethane)	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
Chloromethane (Methyl Chloride)	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
cis-1,2-Dichloroethene	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
cis-1,3-Dichloropropene	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
Cyclohexane	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
Dibromochloromethane	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
Dichlorodifluoromethane (CFC-12)	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
Ethylbenzene	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
Isopropylbenzene (Cumene)	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
Methyl acetate	ND (25)	ND (22)	ND (25)	ND (31)	ND (28)	ND (25)	ND (23)	ND (23)
Methyl Tert Butyl Ether (MTBE)	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
Methylcyclohexane	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
Methylene chloride (Dichloromethane)	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
Styrene	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
Tetrachloroethene	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
Toluene	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
trans-1,2-Dichloroethene	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
trans-1,3-Dichloropropene	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
Trichloroethene	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
Trichlorofluoromethane (CFC-11)	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
Trifluorotrichloroethane (Freon 113)	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
Vinyl chloride	ND (5.1)	ND (4.5)	ND (5.1)	ND (6.2)	ND (5.6)	ND (5)	ND (4.7)	ND (4.5)
Xylene (total)	ND (10)	ND (9)	ND (10)	ND (12)	ND (11)	ND (10)	ND (9.4)	ND (9)

Notes:
1. Results in **bold** were detected.
2. ND - Not detected above the reporting limit
   Refer to lab report for data qualifier informatic
3. Data in process of validation, table considere
4. J - Estimated Concentration
5. NYSDEC Commercial SCO - New York Depa
6. NS - No Soil Clean-up Objectives published f

TABLE I
SUMMARY OF SURFACE SOIL SAMPLE ANALYSIS RESULTS
DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064
1000 LEXINGTON AVE, ROCHESTER, NEW YORK
May 3-4, 2022

Sample Name	NYSDEC Part 375-6 Commercial Soil Cleanup Objectives (SCOs)	COMP-050322-1400	COMP-050322-1405	COMP-050322-1545	COMP-050322-1550	COMP-050422-0930	COMP-050422-0940
Sample Date		05/03/2022	05/03/2022	05/03/2022	05/03/2022	05/04/2022	5/4/2022
Sample Depth		0-0.5 feet	0.5 - 0.85 feet	0-0.5 feet	0.5 -1.0 feet	0- 0.5 feet	0.5 -1.0 feet
Inorganic Compounds	**(mg/kg)**	Lawn Area 1		Lawn Area 2		Lawn Area 3	
Aluminum, Total	NS	**22700**	**16700**	**19100**	**15900**	**13000**	**15500**
Antimony, Total	NS	**3.4 J**	**2.5 J**	**2.8 J**	**2.7 J**	**2.7 J**	**2.5 JF1**
Arsenic, Total	16	**4.6**	**4.2**	**5**	**4.3**	**6.7**	**5.3**
Barium, Total	400	**113**	**83.7**	**97.1**	**76.9**	**75.3**	**86.4 F1**
Beryllium, Total	590	**0.9**	**0.67**	**0.78**	**0.66**	**0.56**	**0.64**
Cadmium, Total	9.3	**0.25 J**	**0.26**	**0.24**	**0.25**	**0.34**	**0.3**
Calcium, Total	NS	**8040 B**	**20600 B**	**12300 B**	**19100 B**	**7880 B**	**12900 BF2**
Chromium, Total	400*	**28.8**	**21.9**	**23.9**	**19.9**	**18.6**	**25.6**
Cobalt, Total	NS	**10.3**	**7.1**	**9.4**	**8**	**7**	**7.4**
Copper, Total	270	**22.7**	**28.5**	**16.2**	**21.3**	**43.4**	**46.9 F1**
Iron, Total	NS	**23300 B**	**17800 B**	**21600 B**	**18200 B**	**16900 B**	**18100 B**
Lead, Total	1000	**47.1**	**26.3**	**24.8**	**24.1**	**42.1**	**23.8**
Magnesium, Total	NS	**6660 B**	**11600 B**	**8350 B**	**10000 B**	**4680 B**	**7830 BF1**
Manganese, Total	10000	**557 B**	**434 B**	**561 B**	**476 B**	**565 B**	**623 B**
Mercury, Total	2.8	**0.14**	**0.54**	**0.12**	**0.094**	**0.68**	**0.37 F1**
Nickel, Total	310	**20.8**	**15.4**	**18.7**	**17.1**	**14.4**	**15.8**
Potassium, Total	NS	**4800**	**3610**	**3880**	**3250**	**2500**	**2980 F1**
Selenium, Total	1500	**2.4 J**	**1.5 J**	**2.1 J**	**1.7 J**	**1.2 J**	**1.9 J**
Silver, Total	1500	ND (0.83)	ND (0.76)	**0.27 J**	ND (0.69)	**0.54 J**	ND (0.83)
Sodium, Total	NS	**144 JB**	**141 JB**	**138 JB**	**154 JB**	**105 JB**	**130 JB**
Thallium, Total	NS	ND (8.3)	ND (7.6)	ND (7.3)	ND (6.9)	ND (7.7)	ND (8.3)
Vanadium, Total	NS	**43.1**	**33.4**	**39.2**	**33.8**	**27.9**	**30.8**
Zinc, Total	10000	**102**	**89.7**	**78.7**	**97.2**	**138**	**106 F1**
PCBs	**(mg/kg)**						
Aroclor-1016 (PCB-1016)	1	ND (0.3)	ND (0.23)	ND (0.28)	ND (0.21)	ND (0.26)	ND (0.24)
Aroclor-1221 (PCB-1221)	1	ND (0.3)	ND (0.23)	ND (0.28)	ND (0.21)	ND (0.26)	ND (0.24)
Aroclor-1232 (PCB-1232)	1	ND (0.3)	ND (0.23)	ND (0.28)	ND (0.21)	ND (0.26)	ND (0.24)
Aroclor-1242 (PCB-1242)	1	ND (0.3)	ND (0.23)	ND (0.28)	ND (0.21)	ND (0.26)	ND (0.24)
Aroclor-1248 (PCB-1248)	1	ND (0.3)	ND (0.23)	ND (0.28)	ND (0.21)	**0.12 J**	ND (0.24)
Aroclor-1254 (PCB-1254)	1	ND (0.3)	ND (0.23)	ND (0.28)	ND (0.21)	ND (0.26)	ND (0.24)
Aroclor-1260 (PCB-1260)	1	ND (0.3)	ND (0.23)	ND (0.28)	ND (0.21)	ND (0.26)	ND (0.24)
Pesticides	**(ug/Kg)**						
4,4'-DDD	92000	ND (23)	ND (40)	ND (41)	ND (39)	ND (11)	ND (2.2)
4,4'-DDE	62000	ND (23)	ND (40)	ND (41)	ND (39)	**21**	**9.3**
4,4'-DDT	47000	ND (23)	ND (40)	ND (41)	ND (39)	**9 J**	**2.1 J**
Aldrin	680	ND (23)	ND (40)	ND (41)	ND (39)	ND (11)	ND (2.2)
alpha-BHC	3400	ND (23)	ND (40)	ND (41)	ND (39)	ND (11)	ND (2.2)
alpha-Chlordane	24000	ND (23)	ND (40)	ND (41)	ND (39)	ND (11)	ND (2.2)
beta-BHC	3000	ND (23)	ND (40)	ND (41)	ND (39)	ND (11)	ND (2.2)
delta-BHC	50000	ND (23)	ND (40)	ND (41)	ND (39)	ND (11)	ND (2.2)
Dieldrin	1400	ND (23)	ND (40)	ND (41)	ND (39)	ND (11)	ND (2.2)
Endosulfan I	200000	ND (23)	ND (40)	ND (41)	ND (39)	ND (11)	ND (2.2)
Endosulfan II	200000	ND (23)	ND (40)	ND (41)	ND (39)	ND (11)	ND (2.2)
Endosulfan sulfate	200000	ND (23)	ND (40)	ND (41)	ND (39)	ND (11)	ND (2.2)
Endrin	89000	ND (23)	ND (40)	ND (41)	ND (39)	ND (11)	ND (2.2)
Endrin aldehyde	NS	ND (23)	ND (40)	ND (41)	ND (39)	ND (11)	ND (2.2)
Endrin ketone	NS	ND (23)	ND (40)	ND (41)	ND (39)	ND (11)	ND (2.2)
gamma-BHC (Lindane)	NS	ND (23)	ND (40)	ND (41)	ND (39)	ND (11)	ND (2.2)
gamma-Chlordane	NS	ND (23)	ND (40)	ND (41)	ND (39)	ND (11)	ND (2.2)
Heptachlor	15000	ND (23)	ND (40)	ND (41)	ND (39)	ND (11)	ND (2.2)
Heptachlor epoxide	NS	ND (23)	ND (40)	ND (41)	ND (39)	ND (11)	ND (2.2)
Methoxychlor	NS	ND (23)	ND (40)	ND (41)	ND (39)	ND (11)	ND (2.2)
Toxaphene	NS	ND (230)	ND (400)	ND (410)	ND (390)	ND (110)	ND (22)
Semi-Volatile Organic Compo	**(ug/Kg)**						
2,2'-oxybis(1-Chloropropane)	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
2,4,5-Trichlorophenol	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
2,4,6-Trichlorophenol	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
2,4-Dichlorophenol	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
2,4-Dimethylphenol	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
2,4-Dinitrophenol	NS	ND (11000)	ND (10000)	ND (10000)	ND (20000)	ND (2100)	ND (2200)
2,4-Dinitrotoluene	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
2,6-Dinitrotoluene	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
2-Chloronaphthalene	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
2-Chlorophenol	NS	ND (2200)	ND (2000)	ND (2000)	ND (3900)	ND (420)	ND (440)
2-Methylnaphthalene	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
2-Methylphenol (o-Cresol)	500000	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
2-Nitroaniline	NS	ND (2200)	ND (2000)	ND (2000)	ND (3900)	ND (420)	ND (440)
2-Nitrophenol	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
3,3'-Dichlorobenzidine	NS	ND (2200)	ND (2000)	ND (2000)	ND (3900)	ND (420)	ND (440)
3-Nitroaniline	NS	ND (2200)	ND (2000)	ND (2000)	ND (3900)	ND (420)	ND (440)
4,6-Dinitro-2-methylphenol	NS	ND (2200)	ND (2000)	ND (2000)	ND (3900)	ND (420)	ND (440)
4-Bromophenyl phenyl ether	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
4-Chloro-3-methylphenol	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
4-Chloroaniline	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
4-Chlorophenyl phenyl ether	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
4-Methylphenol	500000	ND (2200)	ND (2000)	ND (2000)	ND (3900)	ND (420)	ND (440)
4-Nitroaniline	NS	ND (2200)	ND (2000)	ND (2000)	ND (3900)	ND (420)	ND (440)
4-Nitrophenol	NS	ND (2200)	ND (2000)	ND (2000)	ND (3900)	ND (420)	ND (440)
Acenaphthene	500000	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
Acenaphthylene	500000	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
Acetophenone	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
Anthracene	500000	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
Atrazine	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
Benzaldehyde	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
Benz(a)anthracene	5600	**130 J**	ND (1000)	**590 J**	**980 J**	**170 J**	**84 J**
Benzo(a)pyrene	1000	ND (1100)	**150 J**	**650 J**	**980 J**	**210 J**	**92 J**
Benzo(b)fluoranthene	5600	**260 J**	**220 J**	**800 J**	**1300 J**	**270**	**120 J**
Benzo(g,h,i)perylene	500000	**120 J**	**110 J**	**530 J**	**770 J**	**170 J**	**59 J**
Benzo(k)fluoranthene	56000	ND (1100)	ND (1000)	**410 J**	**440 J**	**110 J**	**51 J**
Biphenyl	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
bis(2-Chloroethoxy)methane	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
bis(2-Chloroethyl)ether	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
bis(2-Ethylhexyl)phthalate	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
Butyl benzylphthalate	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
Caprolactam	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
Carbazole	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
Chrysene	56000	ND (1100)	ND (1000)	**690 J**	**1000 J**	**200 J**	**88 J**
Dibenz(a,h)anthracene	560	**ND (1100)**	**ND (1000)**	**ND (1000)**	**ND (2000)**	**38 J**	ND (230)
Dibenzofuran	350000	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
Diethyl phthalate	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
Dimethyl phthalate	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
Di-n-butylphthalate	NS	ND (1100)	ND (1000)	**220 J**	ND (2000)	**48 J**	ND (230)
Di-n-octyl phthalate	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
Fluoranthene	500000	**360 J**	**310 J**	**1600**	**2700**	**350**	**190 J**
Fluorene	500000	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
Hexachlorobenzene	6000	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
Hexachlorobutadiene	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
Hexachlorocyclopentadiene	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
Hexachloroethane	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)

TABLE I
SUMMARY OF SURFACE SOIL SAMPLE ANALYSIS RESULTS
DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064
1000 LEXINGTON AVE, ROCHESTER, NEW YORK
May 3-4, 2022

Sample Name Sample Date	NYSDEC Part 375-6 Commercial Soil Cleanup Objectives (SCOs)	COMP-050322-1400 05/03/2022	COMP-050322-1405 05/03/2022	COMP-050322-1545 05/03/2022	COMP-050322-1550 05/03/2022	COMP-050422-0930 05/04/2022	COMP-050422-0940 5/4/2022
Sample Depth		0-0.5 feet	0.5 - 0.85 feet	0-0.5 feet	0.5 -1.0 feet	0- 0.5 feet	0.5 -1.0 feet
Indeno(1,2,3-cd)pyrene	5600	ND (1100)	ND (1000)	**450 J**	**700 J**	**150 J**	**53 J**
Isophorone	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
Naphthalene	500000	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
Nitrobenzene	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
N-Nitrosodi-n-propylamine	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
N-Nitrosodiphenylamine	NS	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
Pentachlorophenol	6700	ND (2200)	ND (2000)	ND (2000)	ND (3900)	ND (420)	ND (440)
Phenanthrene	500000	ND (1100)	**160 J**	**740 J**	**1500 J**	**150 J**	**96 J**
Phenol	500000	ND (1100)	ND (1000)	ND (1000)	ND (2000)	ND (220)	ND (230)
Pyrene	500000	**260 J**	**230 J**	**1200**	**1900 J**	**320**	**180 J**

Notes:
1. Results in **bold** were detected.
2. ND - Not detected above the reporting limit
   Refer to lab report for data qualifier information
3. Data in process of validation, table considered draft.
4. J - Estimated Concentration
5. NYSDEC Commercial SCO - New York Department of Environmental Conservation Soil Cleanup Objectives Table 375-6.8 (b) (https://www.dec.ny.gov/docs/remediation_hudson_pdf/part375.pdf)
6. NS - No Soil Clean-up Objectives published for this parameter.
7. * - Total Chromium as Hexavalent Ion (Cr^{VI})

FIGURE 1
SAMPLING LOCATIONS



LEGEND

- SOIL SAMPLE
- TEST PIT
- SITE FENCE LINE
- GRAVEL
- LAWN
- SITE BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. AWTA = AUXILLARY WASTE TREATMENT AREA
3. EWTA: EAST SIDE WASTE TREATMENT AREA
4. BASE MAP SOURCE: NEARMAP, DECEMBER 2021

N

0 190 380

SCALE IN FEET

HALEY ALDRICH

DELPHI AUTOMOTIVE SYSTEMS SITE NO. 828064
1000 LEXINGTON AVENUE
ROCHESTER, NEW YORK

SURFACE SOIL SAMPLE LOCATIONS

JULY 2022

FIGURE 1

GIS FILE PATH: G:\Projects\170014\Global\GIS\Maps\2022_06\127982_004_0001_SURF_SOIL_SAMPLE_LOCATION.mxd — USER: kbartlett — LAST SAVED: 6/14/2022, 8:47:33 PM

ATTACHMENT 1
DAILY FIELD ACTIVITY REPORTS

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/03/2022
Client:	GM LLC	**Weather:**	Partly Cloudy
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	60's
Staff:	Robert Lydell and Kimberly Bartlett	**File No:**	0127982-103

Tailgate Meeting	Conducted by H&A staff
Contractor	none
Purpose of Visit	Collect Surface Soil Samples from Lawn Area #1 and #2
Work Summary	Surface soil samples collected and stored appropriately for shipment to lab. All sampled locations backfilled.

Time	Activities
08:00	Onsite, sign in with Kim at security, watch safety video, check-in with Eric Anderson, complete FMEA form.
10:04	Mobilize to EWTA, steak locations SS-01 to SS-05.
10:05	Sample SS-02, grab sample 0.0 to 0.5 and 0.5 to 0.85. Step off and try again, refusal at 0.85 ft. Collect composite samples 0.0 to 0.5 and 0.5 to 0.8. PID readings 0.0 ppm and 0.0 ppm respectively.
10:45	Sample SS-03, grab sample 0.0 to 0.5 and 0.5 to 0.75 ft. Collect grab sample 0.0 to 0.5 ft and 0.5 to 0.75 ft. PID readings 0.0 and 0.0 ppm respectively.
11:02	Sample SS-04, collect grab and composite samples 0.0 to 0.5 and 0.5 to 0.7. PID readings 0.0 and 0.0 respectively.
11:42	Sample SS-05, collect grab and composite samples from 0.0 to 0.5 and 0.5 to 0.85. PID readings 0.0 ppm and 0.0 ppm respectively.
13:34	Sample SS-01, collect grab and composite samples from 0.0 to 0.5 ft and 0.5 to 0.65 ft. PID readings 0.0 and 0.0 ppm respectively. Originally located east side of parking lot near the point (added by the state), moved due to asphalt at surface.
14:21	Backfill SS-01 through SS-05 with soil cuttings and bentonite. Return surface to original grass
14:44	Sample SS-06, collect grab and composite sample at 0.0 to 0.5 ft and 0.5 to 0.9. Fill, concrete and brick at 0.9 ft, refusal. PID readings 0.0 and 0.0 ppm.
15:05	Sample SS-07, collect grab and composite samples from 0.0 to 0.5 and 0.5 to 1.0 ft. PID reading 0.0 and 0.0 ppm respectively.
15:13	Sample SS-08, collect grab sample and composite sample from 0.0 to 0.5 ft. Refusal at 0.5 ft concrete and brick. PID readings 0.0 ppm.
15:29	Ground disturbance between SS-08 and SS-09, possible animal burrow.
15:30	Sample SS-09, collect grab and composite samples from 0.0 to 0.5 ft. Refusal at 0.5 ft, brick and concrete. PID readings 0.0 ppm.
15:58	Backfill SS-06 through SS-09 with soil cuttings and bentonite.
16:26	Sign out and complete FMEA form

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/03/2022
Client:	GM LLC	**Weather:**	**Partly Cloudy**
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	**60's**
Staff:	Robert Lydell and Kimberly Bartlett	**File No:**	0127982-103



Photo Number: 1
Sample location SS02. Photo taken facing south-east.
--



Photo Number: 2
Sample Location SS02. Photo taken facing south-east. Depth to 0.85 ft.
--

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/03/2022
Client:	GM LLC	**Weather:**	**Partly Cloudy**
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	**60's**
Staff:	Robert Lydell and Kimberly Bartlett	**File No:**	0127982-103



Photo Number: 3
Sample location SS03. Photo taken facing south-east.
--



Photo Number: 4
Sample Location SS03. Photo taken facing north-west. Depth to 0.75 ft.
--

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/03/2022
Client:	GM LLC	**Weather:**	**Partly Cloudy**
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	**60's**
Staff:	Robert Lydell and Kimberly Bartlett	**File No:**	0127982-103



Photo Number: 5
Sample location SS04. Photo taken facing north-east
--



Photo Number: 6
Sample location SS04. Photo taken facing north-east. Depth to 0.7 ft.
--

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/03/2022
Client:	GM LLC	**Weather:**	**Partly Cloudy**
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	**60's**
Staff:	Robert Lydell and Kimberly Bartlett	**File No:**	0127982-103



Photo Number: 7
Sample location SS05. Photo taken facing south-east.
--



Photo Number: 8
Sample location SS05. Photo taken facing south-east. Depth to 0.85 ft.
--

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/03/2022
Client:	GM LLC	**Weather:**	**Partly Cloudy**
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	**60's**
Staff:	Robert Lydell and Kimberly Bartlett	**File No:**	0127982-103



Photo Number: 9
Sample location SS01. Photo taken facing south-east.
--

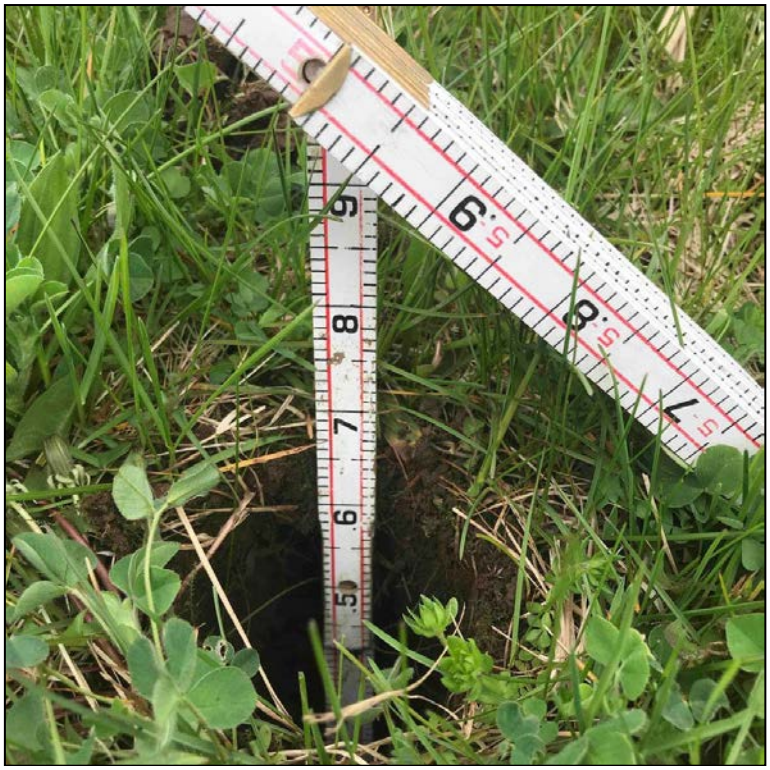


Photo Number: 10
Sample location SS01. Photo taken facing south-east. Depth to 0.65 ft.
--

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/03/2022
Client:	GM LLC	**Weather:**	**Partly Cloudy**
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	**60's**
Staff:	Robert Lydell and Kimberly Bartlett	**File No:**	0127982-103



Photo Number: 11
Sample location SS05. Backfilled with soil cuttings and bentonite.
--

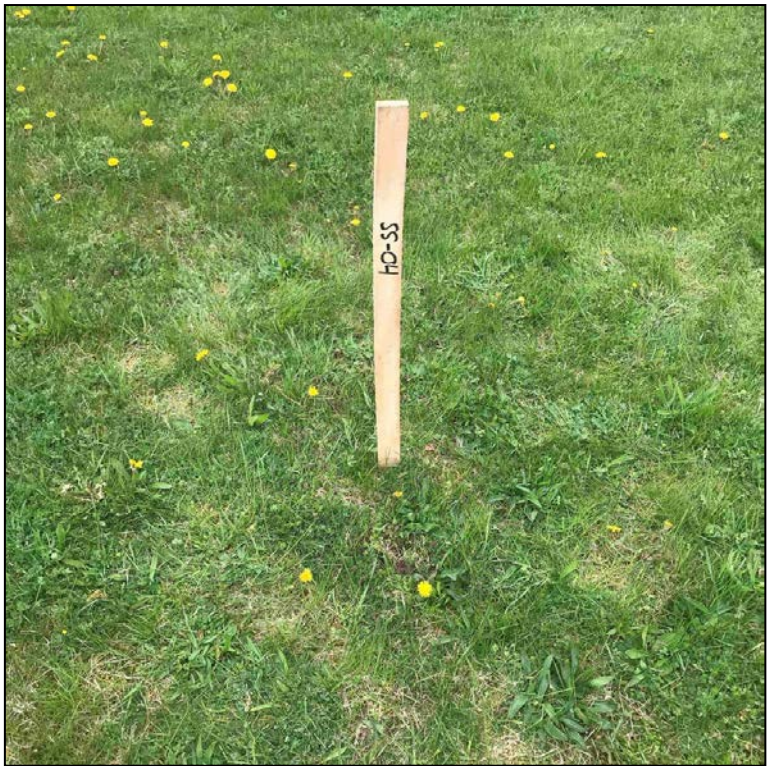


Photo Number: 12
Sample location SS04. Backfilled with soil cuttings and bentonite.
--

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/03/2022
Client:	GM LLC	**Weather:**	**Partly Cloudy**
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	**60's**
Staff:	Robert Lydell and Kimberly Bartlett	**File No:**	0127982-103



Photo Number: 13
Sample location SS01. Backfilled with soil cuttings and bentonite.
--



Photo Number: 14
Sample location SS03. Backfilled with soil cuttings and bentonite.
--

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/03/2022
Client:	GM LLC	**Weather:**	**Partly Cloudy**
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	**60's**
Staff:	Robert Lydell and Kimberly Bartlett	**File No:**	0127982-103



Photo Number: 15
Sample location SS02. Backfilled with soil cuttings and bentonite.
--



Photo Number: 16
Sample location SS06. Photo taken facing east.
--

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/03/2022
Client:	GM LLC	**Weather:**	**Partly Cloudy**
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	**60's**
Staff:	Robert Lydell and Kimberly Bartlett	**File No:**	0127982-103



Photo Number: 17
Sample location SS06. Photo taken facing east. Close up of depth to 0.9 ft.
--



Photo Number: 18
Sample location SS07. Photo taken facing north-east.
--

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/03/2022
Client:	GM LLC	**Weather:**	**Partly Cloudy**
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	**60's**
Staff:	Robert Lydell and Kimberly Bartlett	**File No:**	0127982-103



Photo Number: 19
Sample location SS07. Photo taken facing north-east. Close up of depth at 1.0 ft.
--



Photo Number: 20
Sample location SS08. Photo taken facing north-east.
--

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/03/2022
Client:	GM LLC	**Weather:**	**Partly Cloudy**
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	**60's**
Staff:	Robert Lydell and Kimberly Bartlett	**File No:**	0127982-103



Photo Number: 21
Sample location SS08. Close up of depth to 0.5 ft.
--



Photo Number: 22
Ground disturbance. Photo taken facing east. Location between SS08 and SS09.
--

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/03/2022
Client:	GM LLC	**Weather:**	**Partly Cloudy**
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	**60's**
Staff:	Robert Lydell and Kimberly Bartlett	**File No:**	0127982-103



Photo Number: 23
Location between SS08 and SS09. Ground disturbance. Photo taken facing south-west.
--



Photo Number: 24
Sample location SS09. Photo taken facing east.
--

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/03/2022
Client:	GM LLC	**Weather:**	**Partly Cloudy**
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	**60's**
Staff:	Robert Lydell and Kimberly Bartlett	**File No:**	0127982-103



Photo Number: 25
Sample location SS09. Close up of depth to 0.5 ft.
--



Photo Number: 26
Sample location SS06. Backfilled with soil cuttings and bentonite.
--

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/03/2022
Client:	GM LLC	**Weather:**	**Partly Cloudy**
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	**60's**
Staff:	Robert Lydell and Kimberly Bartlett	**File No:**	0127982-103



Photo Number: 27
Sample location SS07. Backfilled with soil cuttings and bentonite.
--



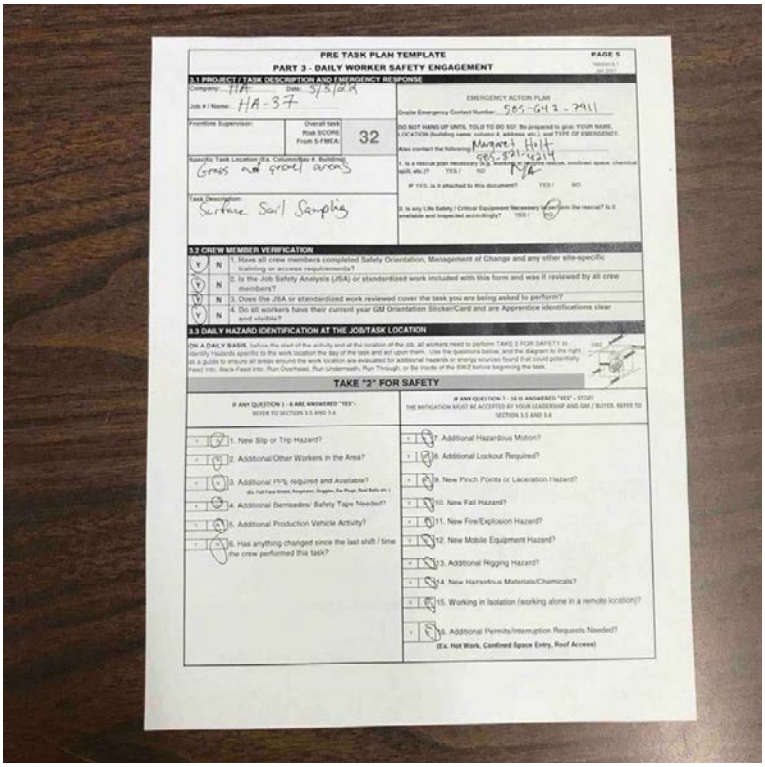
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Sample location SS08. Backfilled with soil cuttings and bentonite.
--

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/03/2022
Client:	GM LLC	**Weather:**	**Partly Cloudy**
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	**60's**
Staff:	Robert Lydell and Kimberly Bartlett	**File No:**	0127982-103



Photo Number: 29
Sample location SS09. Backfilled with soil cuttings and bentonite.
--


PRE TASK PLAN TEMPLATE

PART 3 - DAILY WORKER SAFETY ENGAGEMENT

3.1 PROJECT / TASK DESCRIPTION AND EMERGENCY RESPONSE

Company: HA Date: 5/3/22

Job # / Name: HA-37

Frontline Supervisor:

Overall task Risk SCORE From 5 FMEA: 32

Specific Task Location (Ex. Column/Bay #, Building): Grass and gravel areas

Task Description: Surface Soil Sampling

EMERGENCY ACTION PLAN

Onsite Emergency Contact Number: 585-647-7911

DO NOT HANG UP UNTIL TOLD TO DO SO! Be prepared to give: YOUR NAME, LOCATION (Building name, closest X, address etc.) and TYPE OF EMERGENCY.

Also contact the following: Mark 1 Hill 585-621-4214

1. Is a rescue plan necessary (e.g. working at heights, confined space, chemical spill, etc.)? YES / NO N/A

IF YES, is it attached to this document? YES / NO

2. Is any Life Safety / Critical Equipment Necessary to perform the rescue? Is it available and inspected accordingly? YES /

3.2 CREW MEMBER VERIFICATION

Y N 1. Have all crew members completed Safety Orientation, Management of Change and any other site-specific training or accuracy requirements?

Y N 2. Is the Job Safety Analysis (JSA) or standardized work included with this form and was it reviewed by all crew members?

Y N 3. Does the JSA or standardized work reviewed cover the task you are being asked to perform?

Y N 4. Do all workers have their current year GM Orientation Sticker/Card and are Apprentice identifications clear and visible?

3.3 DAILY HAZARD IDENTIFICATION AT THE JOB/TASK LOCATION

ON A DAILY BASIS, before the start of the activity and at the location of the job, all workers need to perform TAKE 2 FOR SAFETY to identify hazards specific to the work location the day of the task and act upon them. Use the questions below, and the diagram to the right as a guide to ensure all areas around the work location are evaluated for additional hazards or energy sources found that could potentially Feed Into, Back-Feed Into, Run Overhead, Run Underneath, Run Through, or Be Inside of the WHZ before beginning the task.

TAKE "2" FOR SAFETY

IF ANY QUESTION 1 - 6 ARE ANSWERED "YES" - REFER TO SECTION 3.5 AND 3.6

IF ANY QUESTION 7 - 16 IS ANSWERED "YES" - STOP! THE MITIGATION MUST BE ACCEPTED BY YOUR LEADERSHIP AND GM / BUYER. REFER TO SECTION 3.5 AND 3.6

N 1. New Slip or Trip Hazard?
N 2. Additional/Other Workers in the Area?
N 3. Additional PPE required and Available?
N 4. Additional Barricades/ Safety Tape Needed?
N 5. Additional Production Vehicle Activity?
N 6. Has anything changed since the last shift / time the crew performed this task?

N 7. Additional Hazardous Motion?
N 8. Additional Lockout Required?
N 9. New Pinch Points or Laceration Hazard?
N 10. New Fall Hazard?
N 11. New Fire/Explosion Hazard?
N 12. New Mobile Equipment Hazard?
N 13. Additional Rigging Hazard?
N 14. New Hazardous Materials/Chemicals?
N 15. Working in Isolation (working alone in a remote location)?
N 16. Additional Permits/Interruption Requests Needed? (Ex. Hot Work, Confined Space Entry, Roof Access)

Photo Number: 30
End of day signed and completed FMEA form.
--

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/03/2022
Client:	GM LLC	**Weather:**	**Partly Cloudy**
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	**60's**
Staff:	Robert Lydell and Kimberly Bartlett	**File No:**	0127982-103

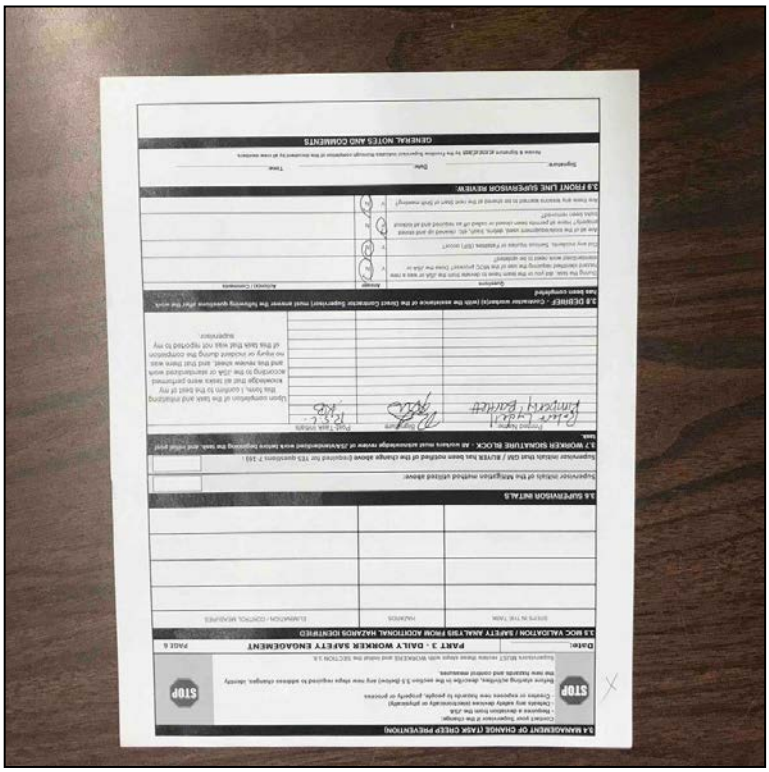


Photo Number: 31
End of day signed and completed FMEA form.
--

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/04/2022
Client:	GM LLC	**Weather:**	Light Rain/ Cloudy
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	50 F
Staff:	Kim Bartlett and Rob Lydell PG	**File No:**	0127982-103

Tailgate Meeting	Conducted by H&A staff
Contractor	None
Purpose of Visit	Collect Surface Soil Samples from Lawn Area #3 / Evaluate Gravel Thickness in Gravel Areas 1, 2 and 3
Work Summary	Surface Soil samples collected, gravel thickness evaluated using hand augers and samples submitted for analysis. All sampled locations backfilled.

Time	Activities
07:50	Sign in at security, hand in FMEA forms, call Eric Anderson and let him know H&A is onsite.
08:40	Mobilize to Grass area and stake SS-10 and SS-11.
08:53	Sample SS-10, collect grab and composite samples from 0.0 to 0.5 ft and 0.5 to 1.0 ft. PID readings 0.0 and 0.0 ppm respectively.
09:13	Sample SS-11, collect grab and composite samples at 0.0 to 0.5 ft and 0.5 to 1.0 ft. PID readings 0.0 and 0.0 ppm.
10:10	Collect Equipment Blank from Hand Auger.
10:15	Backfill locations SS-10 and SS-11 with soil cuttings and bentonite.
10:41	Start Gravel thickness check, see map and handwritten DFR for details. Start with G5-1 and G5-2. 0 to 8" loose gravel, 8 to 12" silty gravel with sand.
13:17	Mobilize to G-4, complete G4-1, G4-2 and G4-3 to 12 inches. 0 to 3 inches loose gravel, 3 to 12 inches silty gravel with sand.
13:26	Mobilize to G3. Refusal at G3-1 and G3-2 to 7 inches and 7 inches respectively. Silty gravel with sand concrete and brick throughout.
13:49	Mobilize to G-2. Complete G2-1 to 12 inches. Dense silty Gravel with Sand 0 to 12 inches.
14:10	Mobilize to G1-1. Refusal at G1-1 at 7 inches. Silty gravel with sand concrete and brick throughout.
14:40	Hand in FMEA sheets, call Eric Anderson to let him know we are leaving the site.
16:15	Bring samples to Fedex.

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/04/2022
Client:	GM LLC	**Weather:**	Light Rain/ Cloudy
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	50 F
Staff:	Kim Bartlett and Rob Lydell PG	**File No:**	0127982-103



Photo Number: 1
SS-10 Sample Location



Photo Number: 2
SS-10 Sample Depth 0.5 ft

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/04/2022
Client:	GM LLC	**Weather:**	Light Rain/ Cloudy
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	50 F
Staff:	Kim Bartlett and Rob Lydell PG	**File No:**	0127982-103



Photo Number: 3
SS-10 Sample Depth 1.0 ft



Photo Number: 4
SS-11 Sample Location

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/04/2022
Client:	GM LLC	**Weather:**	Light Rain/ Cloudy
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	50 F
Staff:	Kim Bartlett and Rob Lydell PG	**File No:**	0127982-103



Photo Number: 5
SS-11 Sample Depth 0.5 ft



Photo Number: 6
SS-11 Sample Depth 1.0 ft

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/04/2022
Client:	GM LLC	**Weather:**	Light Rain/ Cloudy
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	50 F
Staff:	Kim Bartlett and Rob Lydell PG	**File No:**	0127982-103



Photo Number: 7
SS-10 Sample Location backfilled with soil cuttings and bentonite



Photo Number: 8
Sample Location SS-11 Backfilled with soil cuttings and bentonite

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/04/2022
Client:	GM LLC	**Weather:**	Light Rain/ Cloudy
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	50 F
Staff:	Kim Bartlett and Rob Lydell PG	**File No:**	0127982-103



Photo Number: 9
Gravel Thickness location G5-1
(Looking East)



Photo Number: 10
Gravel Thickness Location G5-1
(Looking West)

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/04/2022
Client:	GM LLC	**Weather:**	Light Rain/ Cloudy
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	50 F
Staff:	Kim Bartlett and Rob Lydell PG	**File No:**	0127982-103



Photo Number: 11
G5-2 exploration location
(Looking Northeast)



Photo Number: 12
G5-2 exploration location
(Looking Northwest)

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/04/2022
Client:	GM LLC	**Weather:**	Light Rain/ Cloudy
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	50 F
Staff:	Kim Bartlett and Rob Lydell PG	**File No:**	0127982-103



Photo Number: 13
G5-2 Exploration Location



Photo Number: 14
G5-2 Exploration Location

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/04/2022
Client:	GM LLC	**Weather:**	Light Rain/ Cloudy
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	50 F
Staff:	Kim Bartlett and Rob Lydell PG	**File No:**	0127982-103



Photo Number: 15
G4-1 Exploration Location



Photo Number: 16
G4-2 Exploration Location

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/04/2022
Client:	GM LLC	**Weather:**	Light Rain/ Cloudy
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	50 F
Staff:	Kim Bartlett and Rob Lydell PG	**File No:**	0127982-103



Photo Number: 17
G4-2 Exploration Location



Photo Number: 18
G4-2 Exploration Location

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/04/2022
Client:	GM LLC	**Weather:**	Light Rain/ Cloudy
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	50 F
Staff:	Kim Bartlett and Rob Lydell PG	**File No:**	0127982-103



Photo Number: 19
G4-3 Exploration Location



Photo Number: 20
G4-3 Exploration Location

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/04/2022
Client:	GM LLC	**Weather:**	Light Rain/ Cloudy
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	50 F
Staff:	Kim Bartlett and Rob Lydell PG	**File No:**	0127982-103



Photo Number: 21
G4-3 Exploration Location



Photo Number: 22
G4-3 Exploration Location

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/04/2022
Client:	GM LLC	**Weather:**	Light Rain/ Cloudy
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	50 F
Staff:	Kim Bartlett and Rob Lydell PG	**File No:**	0127982-103



Photo Number: 23
G4-3 Exploration Location



Photo Number: 24
G3-1 Exploration Location

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/04/2022
Client:	GM LLC	**Weather:**	Light Rain/ Cloudy
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	50 F
Staff:	Kim Bartlett and Rob Lydell PG	**File No:**	0127982-103



Photo Number: 25
G3-1 Exploration Location

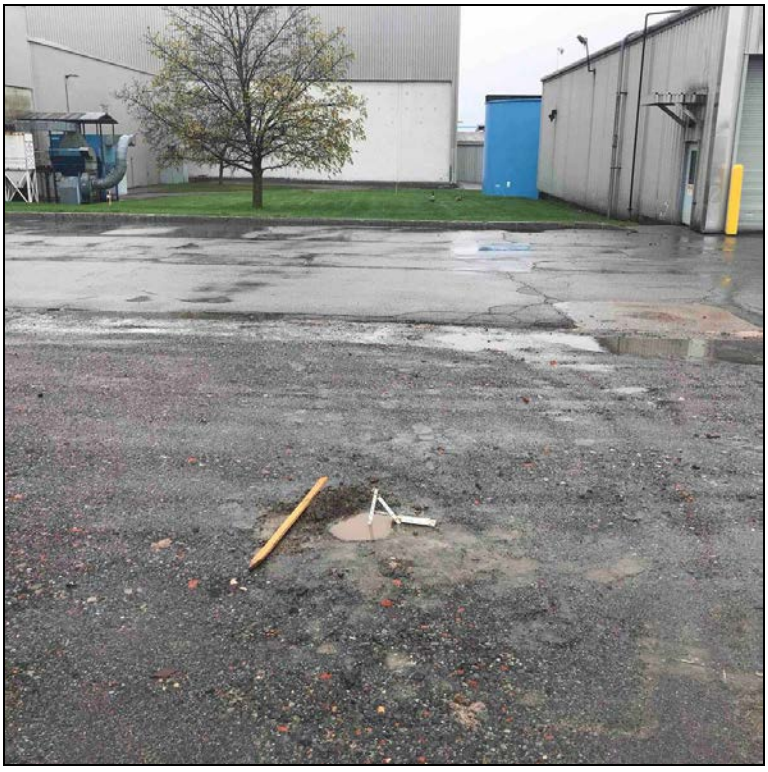


Photo Number: 26
G3-1 Exploration Location

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/04/2022
Client:	GM LLC	**Weather:**	Light Rain/ Cloudy
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	50 F
Staff:	Kim Bartlett and Rob Lydell PG	**File No:**	0127982-103



Photo Number: 27
G3-1 Exploration Location



Photo Number: 28
G3-2 Exploration Location

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/04/2022
Client:	GM LLC	**Weather:**	Light Rain/ Cloudy
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	50 F
Staff:	Kim Bartlett and Rob Lydell PG	**File No:**	0127982-103



Photo Number: 29
G3-2 Exploration Location



Photo Number: 30
G3-2 Exploration Location

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/04/2022
Client:	GM LLC	**Weather:**	Light Rain/ Cloudy
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	50 F
Staff:	Kim Bartlett and Rob Lydell PG	**File No:**	0127982-103



Photo Number: 31
G2-1 Exploration Location



Photo Number: 32
G2-1 Exploration Location

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/04/2022
Client:	GM LLC	**Weather:**	Light Rain/ Cloudy
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	50 F
Staff:	Kim Bartlett and Rob Lydell PG	**File No:**	0127982-103



Photo Number: 33
G2-1 Exploration Location



Photo Number: 34
G2-1 Exploration Location

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/04/2022
Client:	GM LLC	**Weather:**	Light Rain/ Cloudy
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	50 F
Staff:	Kim Bartlett and Rob Lydell PG	**File No:**	0127982-103



Photo Number: 35
G2-1 Exploration Location



Photo Number: 36
G1-1 Exploration Location

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/04/2022
Client:	GM LLC	**Weather:**	Light Rain/ Cloudy
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	50 F
Staff:	Kim Bartlett and Rob Lydell PG	**File No:**	0127982-103



Photo Number: 37
G1-1 Exploration Location



Photo Number: 38
G1-1 Exploration Location

DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/04/2022
Client:	GM LLC	**Weather:**	Light Rain/ Cloudy
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	50 F
Staff:	Kim Bartlett and Rob Lydell PG	**File No:**	0127982-103

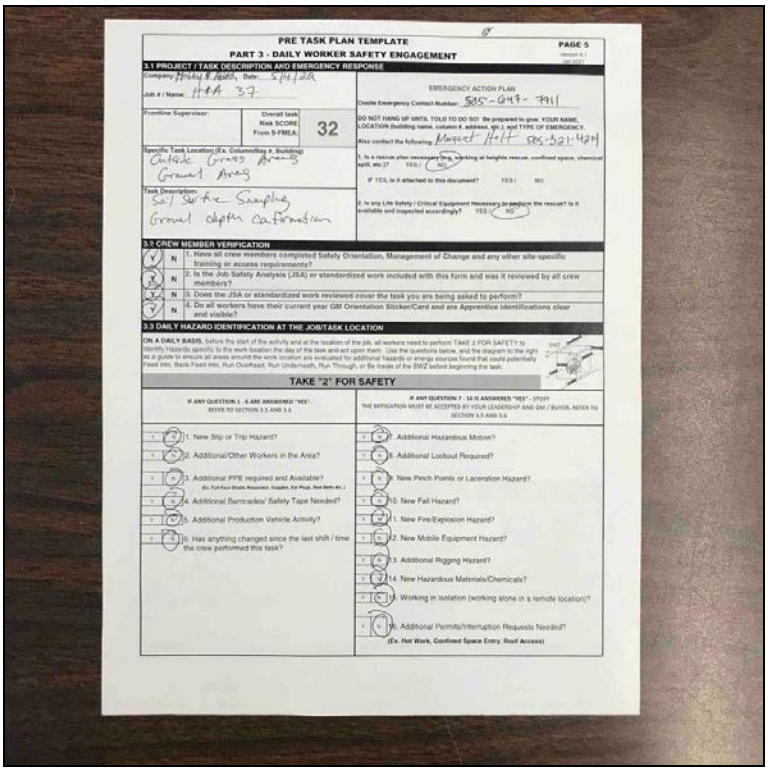


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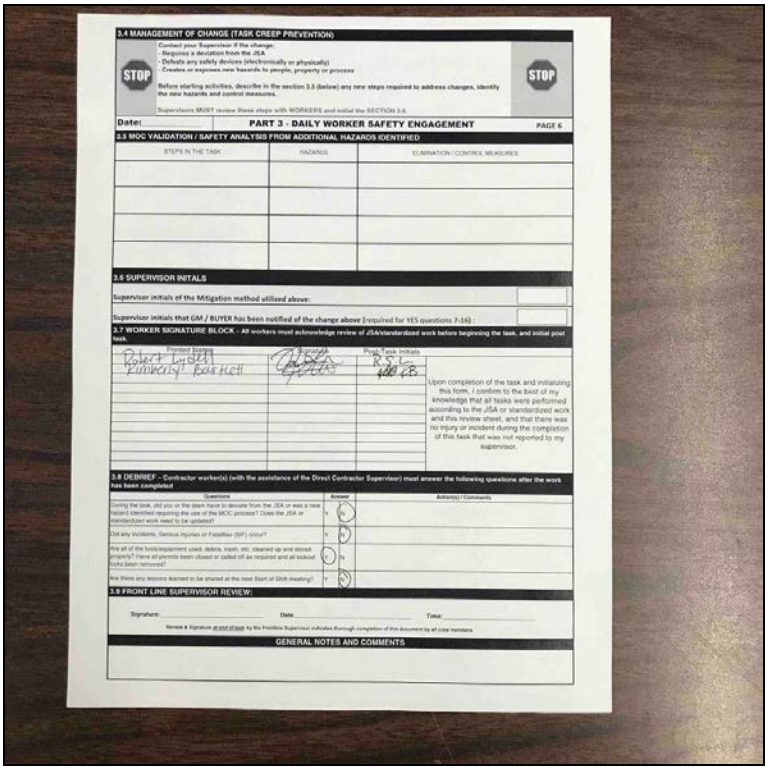


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DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/04/2022
Client:	GM LLC	**Weather:**	
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	
Staff:		**File No:**	0127982-103

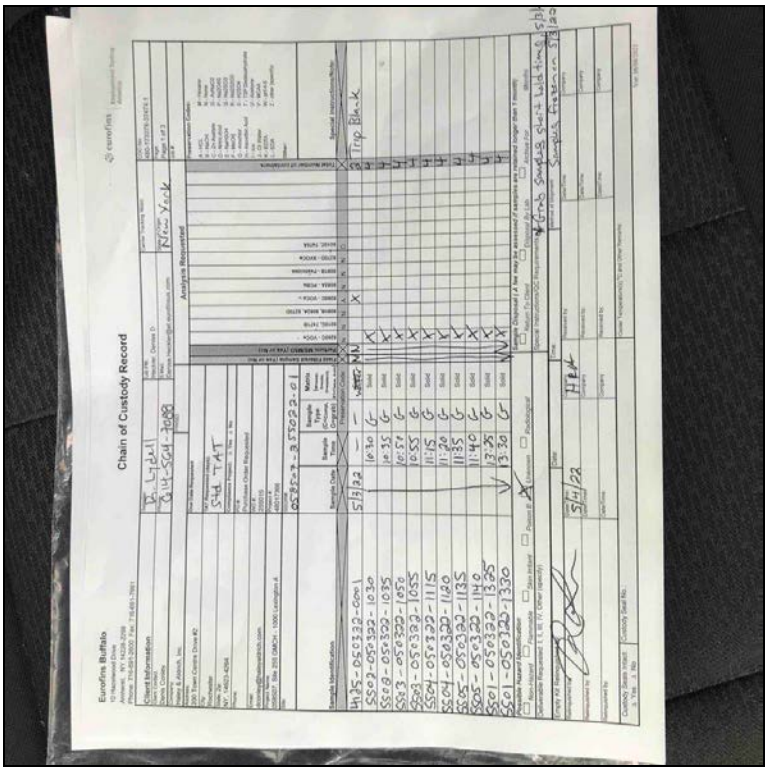


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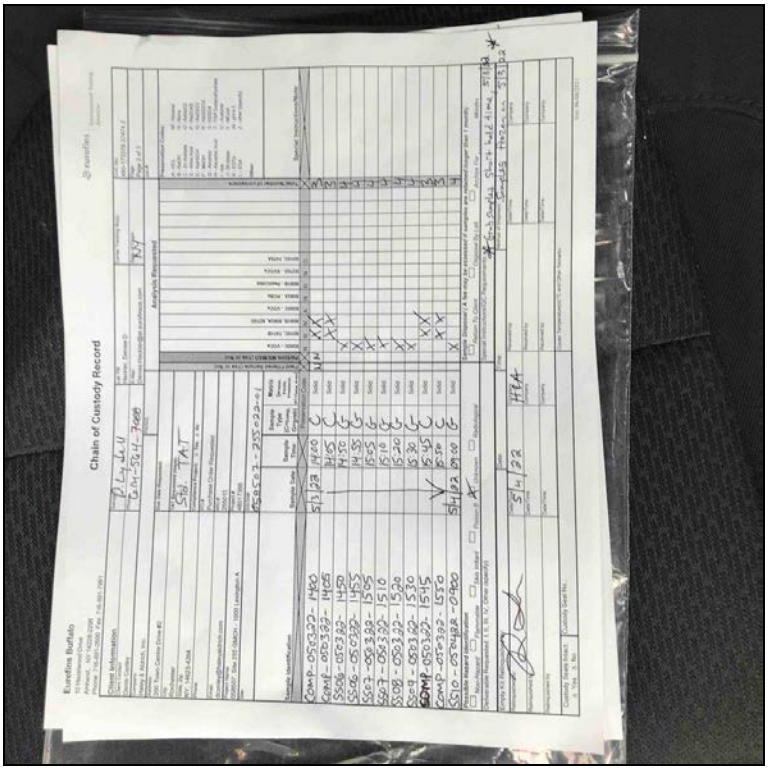


Photo Number: 42
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DAILY FIELD REPORT

Project:	GMCH Lexington Avenue Facility	**Date:**	05/04/2022
Client:	GM LLC	**Weather:**	
Location:	1000 Lexington Avenue, Rochester, NY	**Temperature:**	
Staff:		**File No:**	0127982-103

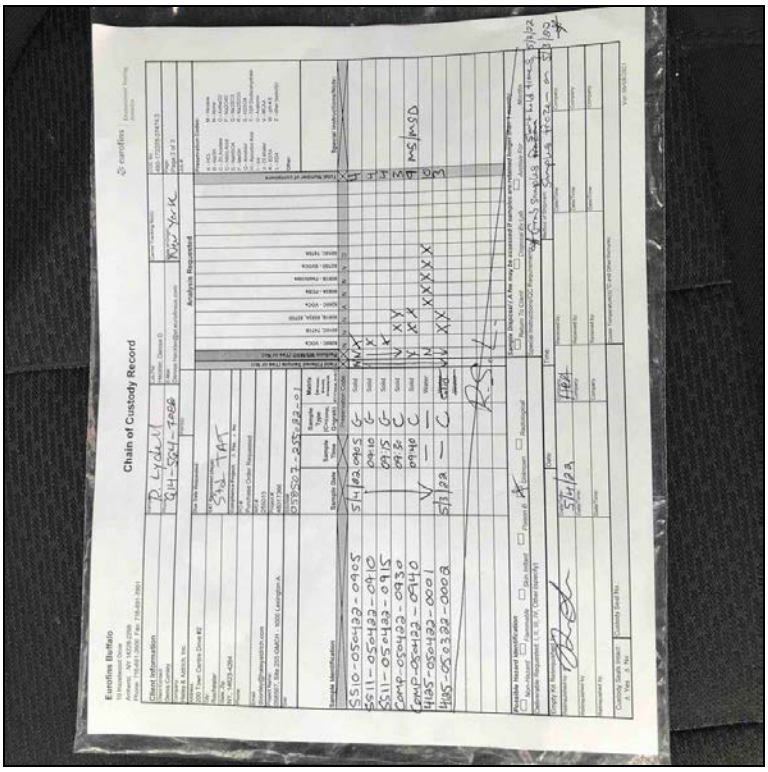


Photo Number: 43
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Photo Number: 44
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ATTACHMENT 2
LABORATORY ANALYSIS REPORT

eurofins | Environment Testing America



ANALYTICAL REPORT

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

Laboratory Job ID: 480-197643-1
Client Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

For:
GHD Services Inc.
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, New York 14304

Attn: Kathleen Willy

Denise D Heckler

Authorized for release by:
5/19/2022 8:43:32 AM

Denise Heckler, Project Manager II
(330)966-9477
Denise.Heckler@et.eurofinsus.com

LINKS

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Have a Question? Ask The Expert

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: GHD Services Inc. Job ID: 480-197643-1
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*3	ISTD response or retention time outside acceptable limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
^1+	Initial Calibration Verification (ICV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 480-197643-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-197643-1

Comments
Per H&A email: The VOC soil samples were placed in a secure freezer on 5/3 in the field lab at our Rochester office location and then added to the samples collected on 5/4 2022 in a cooler with ice at the end of the day and sent by priority overnight delivery that evening for receipt at the lab the next morning on 5/5/22. The H&A frozen preservation date was used by the lab.

Receipt
The samples were received on 5/5/2022 12:30 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.4º C and 3.6º C.

The VOC samples were preserved via freezing at the lab on 5/5/22 at 1700.

GC/MS VOA
Method 8260C: Internal standard (ISTD) response for the following samples was outside control limits: SS04-050322-1115 (480-197643-6) and SS05-050322-1140 (480-197643-9). The samples were re-extracted and/or re-analyzed and ISTD response was outside control limits.

Method 8260C: Internal standard (ISTD) response for the following samples were outside control limits: SS07-050322-1505 (480-197643-16), SS09-050322-1530 (480-197643-19) and SS10-050422-0900 (480-197643-22). The sample(s) were re-extracted and/or re-analyzed and ISTD response were outside control limits.

Method 8260C: Internal standard (ISTD) responses for the following sample was outside control limits: SS06-050322-1455 (480-197643-15). The sample was re-extracted and/or re-analyzed and ISTD responses were outside control limits.

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

GC/MS Semi VOA
Method 8270D: The following samples were diluted due to color, appearance, and viscosity: COMP-050322-1400 (480-197643-12), COMP-050322-1405 (480-197643-13), COMP-050322-1545 (480-197643-20), COMP-050322-1550 (480-197643-21) and 4125-050322-0002 (480-197643-29). Elevated reporting limits (RL) are provided.

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-625285 recovered outside acceptance criteria, low biased, for Hexachlorocyclopentadiene. 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.

Method 8270D: The laboratory control sample (LCS) for preparation batch 480-625303 and analytical batch 480-625937 recovered outside control limits for the following analytes: 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 4-Nitroaniline, Carbazole and Dimethyl phthalate. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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

GC Semi VOA
Method 8082A: The following samples are associated with a continuing calibration verification (CCV 480-625578/43) that had recoveries for the surrogate Tetrachloro-m-xylene that were slightly above acceptance limits: COMP-050322-1400 (480-197643-12), COMP-050322-1405 (480-197643-13), COMP-050322-1545 (480-197643-20), COMP-050322-1550 (480-197643-21), COMP-050422-0930 (480-197643-26), COMP-050422-0940 (480-197643-27), COMP-050422-0940 (480-197643-27[MS]), COMP-050422-0940 (480-197643-27[MSD]) and 4125-050322-0002 (480-197643-29). The secondary surrogate Decachlorobiphenyl is within limits. Therefore, the data has been reported.

Method 8082A: The following sample is associated with a continuing calibration verification (CCV 480-625815/23) that had recoveries for the surrogate Decachlorobiphenyl that were above acceptance limits: 4125-050422-0001 (480-197643-28). The secondary surrogate Tetrachloro-m-xylene is within limits. Therefore, the data has been reported.

Job ID: 480-197643-1 (Continued)

Laboratory: Eurofins Buffalo (Continued)

Method 8082A: The continuing calibration verification (CCV) associated with batch 480-625815 recovered above the upper control limit for PCB-1016 and PCB-1260. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: 4125-050422-0001 (480-197643-28).

Method 8081B: The following samples were diluted due to the nature of the sample matrix: COMP-050322-1400 (480-197643-12), COMP-050322-1405 (480-197643-13), COMP-050322-1545 (480-197643-20), COMP-050322-1550 (480-197643-21), COMP-050422-0930 (480-197643-26) and 4125-050322-0002 (480-197643-29). As such, surrogate recoveries are below the calibration range, estimated and not representative. Elevated reporting limits (RLs) are provided.

Method 8081B: The majority of the peaks present in the sample extracts may be biphenyls indicating the presence of Aroclors. The results of several confirmed positive peaks may be enhanced and due to the biphenyl peaks present, and may be considered estimated for: COMP-050422-0930 (480-197643-26)

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

Metals

Method 6010C: The low level initial calibration verification (ICVL 480-626380/12) recovered above the upper control limit for Total Zinc. The samples associated with this CCVL were either less than the reporting limit (RL) for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCVL; therefore, re-analysis of samples 4125-050422-0001 (480-197643-28) and (LCS 480-625449/2-A) was not performed.

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

Organic Prep

Method 3550C: The following samples required a Florisil clean-up, via EPA Method 3620C, to reduce matrix interferences: COMP-050322-1400 (480-197643-12), COMP-050322-1405 (480-197643-13), COMP-050322-1545 (480-197643-20), COMP-050322-1550 (480-197643-21) and 4125-050322-0002 (480-197643-29).

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

Detection Summary

Client: GHD Services Inc.
Job ID: 480-197643-1
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Client Sample ID: 4125-050322-0001 — Lab Sample ID: 480-197643-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.4	J	10	3.0	ug/L	1		8260C	Total/NA
Carbon disulfide	0.31	J	1.0	0.19	ug/L	1		8260C	Total/NA
Chloroform	8.5		1.0	0.34	ug/L	1		8260C	Total/NA

Client Sample ID: SS02-050322-1030 — Lab Sample ID: 480-197643-2

No Detections.

Client Sample ID: SS02-050322-1035 — Lab Sample ID: 480-197643-3

No Detections.

Client Sample ID: SS03-050322-1050 — Lab Sample ID: 480-197643-4

No Detections.

Client Sample ID: SS03-050322-1055 — Lab Sample ID: 480-197643-5

No Detections.

Client Sample ID: SS04-050322-1115 — Lab Sample ID: 480-197643-6

No Detections.

Client Sample ID: SS04-050322-1120 — Lab Sample ID: 480-197643-7

No Detections.

Client Sample ID: SS05-050322-1135 — Lab Sample ID: 480-197643-8

No Detections.

Client Sample ID: SS05-050322-1140 — Lab Sample ID: 480-197643-9

No Detections.

Client Sample ID: SS01-050322-1325 — Lab Sample ID: 480-197643-10

No Detections.

Client Sample ID: SS01-050322-1330 — Lab Sample ID: 480-197643-11

No Detections.

Client Sample ID: COMP-050322-1400 — Lab Sample ID: 480-197643-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	130	J	1100	110	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	260	J	1100	180	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	120	J	1100	120	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	360	J	1100	120	ug/Kg	5	☼	8270D	Total/NA
Pyrene	260	J	1100	130	ug/Kg	5	☼	8270D	Total/NA
Aluminum	22700		13.9	6.1	mg/Kg	1	☼	6010C	Total/NA
Antimony	3.4	J	20.8	0.56	mg/Kg	1	☼	6010C	Total/NA
Arsenic	4.6		2.8	0.56	mg/Kg	1	☼	6010C	Total/NA
Barium	113		0.69	0.15	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.90		0.28	0.039	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.25	J	0.28	0.042	mg/Kg	1	☼	6010C	Total/NA
Calcium	8040	B	69.5	4.6	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample ID: COMP-050322-1400 (Continued) — Lab Sample ID: 480-197643-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	28.8		0.69	0.28	mg/Kg	1	☼	6010C	Total/NA
Cobalt	10.3		0.69	0.069	mg/Kg	1	☼	6010C	Total/NA
Copper	22.7		1.4	0.29	mg/Kg	1	☼	6010C	Total/NA
Iron	23300	B	13.9	4.9	mg/Kg	1	☼	6010C	Total/NA
Lead	47.1		1.4	0.33	mg/Kg	1	☼	6010C	Total/NA
Magnesium	6660	B	27.8	1.3	mg/Kg	1	☼	6010C	Total/NA
Manganese	557	B	0.28	0.044	mg/Kg	1	☼	6010C	Total/NA
Nickel	20.8		6.9	0.32	mg/Kg	1	☼	6010C	Total/NA
Potassium	4800		41.7	27.8	mg/Kg	1	☼	6010C	Total/NA
Selenium	2.4	J	5.6	0.56	mg/Kg	1	☼	6010C	Total/NA
Sodium	144	J B	195	18.1	mg/Kg	1	☼	6010C	Total/NA
Vanadium	43.1		0.69	0.15	mg/Kg	1	☼	6010C	Total/NA
Zinc	102		2.8	0.89	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.14		0.028	0.0065	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: COMP-050322-1405 — Lab Sample ID: 480-197643-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	150	J	1000	150	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	220	J	1000	160	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	110	J	1000	110	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	310	J	1000	110	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	160	J	1000	150	ug/Kg	5	☼	8270D	Total/NA
Pyrene	230	J	1000	120	ug/Kg	5	☼	8270D	Total/NA
Aluminum	16700		12.7	5.6	mg/Kg	1	☼	6010C	Total/NA
Antimony	2.5	J	19.0	0.51	mg/Kg	1	☼	6010C	Total/NA
Arsenic	4.2		2.5	0.51	mg/Kg	1	☼	6010C	Total/NA
Barium	83.7		0.63	0.14	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.67		0.25	0.036	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.26		0.25	0.038	mg/Kg	1	☼	6010C	Total/NA
Calcium	20600	B	63.5	4.2	mg/Kg	1	☼	6010C	Total/NA
Chromium	21.9		0.63	0.25	mg/Kg	1	☼	6010C	Total/NA
Cobalt	7.1		0.63	0.063	mg/Kg	1	☼	6010C	Total/NA
Copper	28.5		1.3	0.27	mg/Kg	1	☼	6010C	Total/NA
Iron	17800	B	12.7	4.4	mg/Kg	1	☼	6010C	Total/NA
Lead	26.3		1.3	0.30	mg/Kg	1	☼	6010C	Total/NA
Magnesium	11600	B	25.4	1.2	mg/Kg	1	☼	6010C	Total/NA
Manganese	434	B	0.25	0.041	mg/Kg	1	☼	6010C	Total/NA
Nickel	15.4		6.3	0.29	mg/Kg	1	☼	6010C	Total/NA
Potassium	3610		38.1	25.4	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.5	J	5.1	0.51	mg/Kg	1	☼	6010C	Total/NA
Sodium	141	J B	178	16.5	mg/Kg	1	☼	6010C	Total/NA
Vanadium	33.4		0.63	0.14	mg/Kg	1	☼	6010C	Total/NA
Zinc	89.7		2.5	0.81	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.54		0.025	0.0057	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SS06-050322-1450 — Lab Sample ID: 480-197643-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.5	J	25	4.2	ug/Kg	1	☼	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: GHD Services Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Job ID: 480-197643-1

Client Sample ID: SS06-050322-1455 — Lab Sample ID: 480-197643-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.29	J	5.8	0.28	ug/Kg	1	☼	8260C	Total/NA
Toluene	0.44	J	5.8	0.44	ug/Kg	1	☼	8260C	Total/NA

Client Sample ID: SS07-050322-1505 — Lab Sample ID: 480-197643-16

No Detections.

Client Sample ID: SS07-050322-1510 — Lab Sample ID: 480-197643-17

No Detections.

Client Sample ID: SS08-050322-1520 — Lab Sample ID: 480-197643-18

No Detections.

Client Sample ID: SS09-050322-1530 — Lab Sample ID: 480-197643-19

No Detections.

Client Sample ID: COMP-050322-1545 — Lab Sample ID: 480-197643-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	590	J	1000	100	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	650	J	1000	150	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	800	J	1000	170	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	530	J	1000	110	ug/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	410	J	1000	140	ug/Kg	5	☼	8270D	Total/NA
Chrysene	690	J	1000	230	ug/Kg	5	☼	8270D	Total/NA
Di-n-butyl phthalate	220	J	1000	180	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	1600		1000	110	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	450	J	1000	130	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	740	J	1000	150	ug/Kg	5	☼	8270D	Total/NA
Pyrene	1200		1000	120	ug/Kg	5	☼	8270D	Total/NA
Aluminum	19100		12.2	5.4	mg/Kg	1	☼	6010C	Total/NA
Antimony	2.8	J	18.2	0.49	mg/Kg	1	☼	6010C	Total/NA
Arsenic	5.0		2.4	0.49	mg/Kg	1	☼	6010C	Total/NA
Barium	97.1		0.61	0.13	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.78		0.24	0.034	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.24		0.24	0.036	mg/Kg	1	☼	6010C	Total/NA
Calcium	12300	B	60.8	4.0	mg/Kg	1	☼	6010C	Total/NA
Chromium	23.9		0.61	0.24	mg/Kg	1	☼	6010C	Total/NA
Cobalt	9.4		0.61	0.061	mg/Kg	1	☼	6010C	Total/NA
Copper	16.2		1.2	0.26	mg/Kg	1	☼	6010C	Total/NA
Iron	21600	B	12.2	4.3	mg/Kg	1	☼	6010C	Total/NA
Lead	24.8		1.2	0.29	mg/Kg	1	☼	6010C	Total/NA
Magnesium	8350	B	24.3	1.1	mg/Kg	1	☼	6010C	Total/NA
Manganese	561	B	0.24	0.039	mg/Kg	1	☼	6010C	Total/NA
Nickel	18.7		6.1	0.28	mg/Kg	1	☼	6010C	Total/NA
Potassium	3880		36.5	24.3	mg/Kg	1	☼	6010C	Total/NA
Selenium	2.1	J	4.9	0.49	mg/Kg	1	☼	6010C	Total/NA
Silver	0.27	J	0.73	0.24	mg/Kg	1	☼	6010C	Total/NA
Sodium	138	J B	170	15.8	mg/Kg	1	☼	6010C	Total/NA
Vanadium	39.2		0.61	0.13	mg/Kg	1	☼	6010C	Total/NA
Zinc	78.7		2.4	0.78	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample ID: COMP-050322-1545 (Continued) — Lab Sample ID: 480-197643-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.12		0.024	0.0056	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: COMP-050322-1550 — Lab Sample ID: 480-197643-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	980	J	2000	200	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]pyrene	980	J	2000	290	ug/Kg	10	☼	8270D	Total/NA
Benzo[b]fluoranthene	1300	J	2000	320	ug/Kg	10	☼	8270D	Total/NA
Benzo[g,h,i]perylene	770	J	2000	210	ug/Kg	10	☼	8270D	Total/NA
Benzo[k]fluoranthene	440	J	2000	260	ug/Kg	10	☼	8270D	Total/NA
Chrysene	1000	J	2000	450	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	2700		2000	210	ug/Kg	10	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	700	J	2000	250	ug/Kg	10	☼	8270D	Total/NA
Phenanthrene	1500	J	2000	290	ug/Kg	10	☼	8270D	Total/NA
Pyrene	1900	J	2000	240	ug/Kg	10	☼	8270D	Total/NA
Aluminum	15900		11.5	5.1	mg/Kg	1	☼	6010C	Total/NA
Antimony	2.7	J	17.2	0.46	mg/Kg	1	☼	6010C	Total/NA
Arsenic	4.3		2.3	0.46	mg/Kg	1	☼	6010C	Total/NA
Barium	76.9		0.57	0.13	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.66		0.23	0.032	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.25		0.23	0.034	mg/Kg	1	☼	6010C	Total/NA
Calcium	19100	B	57.4	3.8	mg/Kg	1	☼	6010C	Total/NA
Chromium	19.9		0.57	0.23	mg/Kg	1	☼	6010C	Total/NA
Cobalt	8.0		0.57	0.057	mg/Kg	1	☼	6010C	Total/NA
Copper	21.3		1.1	0.24	mg/Kg	1	☼	6010C	Total/NA
Iron	18200	B	11.5	4.0	mg/Kg	1	☼	6010C	Total/NA
Lead	24.1		1.1	0.28	mg/Kg	1	☼	6010C	Total/NA
Magnesium	10000	B	23.0	1.1	mg/Kg	1	☼	6010C	Total/NA
Manganese	476	B	0.23	0.037	mg/Kg	1	☼	6010C	Total/NA
Nickel	17.1		5.7	0.26	mg/Kg	1	☼	6010C	Total/NA
Potassium	3250		34.4	23.0	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.7	J	4.6	0.46	mg/Kg	1	☼	6010C	Total/NA
Sodium	154	J B	161	14.9	mg/Kg	1	☼	6010C	Total/NA
Vanadium	33.8		0.57	0.13	mg/Kg	1	☼	6010C	Total/NA
Zinc	97.2		2.3	0.73	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.094		0.023	0.0052	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SS10-050422-0900 — Lab Sample ID: 480-197643-22

No Detections.

Client Sample ID: SS10-050422-0905 — Lab Sample ID: 480-197643-23

No Detections.

Client Sample ID: SS11-050422-0910 — Lab Sample ID: 480-197643-24

No Detections.

Client Sample ID: SS11-050422-0915 — Lab Sample ID: 480-197643-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.0	J	23	3.8	ug/Kg	1	☼	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: GHD Services Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Job ID: 480-197643-1

Client Sample ID: COMP-050422-0930 — Lab Sample ID: 480-197643-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	170	J	220	22	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	210	J	220	32	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	270		220	34	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	170	J	220	23	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	110	J	220	28	ug/Kg	1	☼	8270D	Total/NA
Chrysene	200	J	220	49	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	38	J	220	38	ug/Kg	1	☼	8270D	Total/NA
Di-n-butyl phthalate	48	J	220	37	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	350		220	23	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	150	J	220	27	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	150	J	220	32	ug/Kg	1	☼	8270D	Total/NA
Pyrene	320		220	26	ug/Kg	1	☼	8270D	Total/NA
4,4'-DDE	21		11	2.2	ug/Kg	5	☼	8081B	Total/NA
4,4'-DDT	9.0	J	11	2.5	ug/Kg	5	☼	8081B	Total/NA
PCB-1248	0.12	J	0.26	0.050	mg/Kg	1	☼	8082A	Total/NA
Aluminum	13000		12.8	5.6	mg/Kg	1	☼	6010C	Total/NA
Antimony	2.7	J	19.2	0.51	mg/Kg	1	☼	6010C	Total/NA
Arsenic	6.7		2.6	0.51	mg/Kg	1	☼	6010C	Total/NA
Barium	75.3		0.64	0.14	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.56		0.26	0.036	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.34		0.26	0.038	mg/Kg	1	☼	6010C	Total/NA
Calcium	7880	B	63.9	4.2	mg/Kg	1	☼	6010C	Total/NA
Chromium	18.6		0.64	0.26	mg/Kg	1	☼	6010C	Total/NA
Cobalt	7.0		0.64	0.064	mg/Kg	1	☼	6010C	Total/NA
Copper	43.4		1.3	0.27	mg/Kg	1	☼	6010C	Total/NA
Iron	16900	B	12.8	4.5	mg/Kg	1	☼	6010C	Total/NA
Lead	42.1		1.3	0.31	mg/Kg	1	☼	6010C	Total/NA
Magnesium	4680	B	25.6	1.2	mg/Kg	1	☼	6010C	Total/NA
Manganese	565	B	0.26	0.041	mg/Kg	1	☼	6010C	Total/NA
Nickel	14.4		6.4	0.29	mg/Kg	1	☼	6010C	Total/NA
Potassium	2500		38.3	25.6	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.2	J	5.1	0.51	mg/Kg	1	☼	6010C	Total/NA
Silver	0.54	J	0.77	0.26	mg/Kg	1	☼	6010C	Total/NA
Sodium	105	J B	179	16.6	mg/Kg	1	☼	6010C	Total/NA
Vanadium	27.9		0.64	0.14	mg/Kg	1	☼	6010C	Total/NA
Zinc	138		2.6	0.82	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.68		0.026	0.0061	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: COMP-050422-0940 — Lab Sample ID: 480-197643-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	84	J	230	23	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	92	J	230	33	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	120	J	230	36	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	59	J	230	24	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	51	J	230	29	ug/Kg	1	☼	8270D	Total/NA
Chrysene	88	J	230	51	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	190	J	230	24	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	53	J	230	28	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	96	J	230	33	ug/Kg	1	☼	8270D	Total/NA
Pyrene	180	J	230	27	ug/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample ID: COMP-050422-0940 (Continued) — Lab Sample ID: 480-197643-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	9.3		2.2	0.47	ug/Kg	1	☼	8081B	Total/NA
4,4'-DDT	2.1	J	2.2	0.52	ug/Kg	1	☼	8081B	Total/NA
Aluminum	15500		13.9	6.1	mg/Kg	1	☼	6010C	Total/NA
Antimony	2.5	J F1	20.8	0.55	mg/Kg	1	☼	6010C	Total/NA
Arsenic	5.3		2.8	0.55	mg/Kg	1	☼	6010C	Total/NA
Barium	86.4	F1	0.69	0.15	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.64		0.28	0.039	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.30		0.28	0.042	mg/Kg	1	☼	6010C	Total/NA
Calcium	12900	B F2	69.3	4.6	mg/Kg	1	☼	6010C	Total/NA
Chromium	25.6		0.69	0.28	mg/Kg	1	☼	6010C	Total/NA
Cobalt	7.4		0.69	0.069	mg/Kg	1	☼	6010C	Total/NA
Copper	46.9	F1	1.4	0.29	mg/Kg	1	☼	6010C	Total/NA
Iron	18100	B	13.9	4.9	mg/Kg	1	☼	6010C	Total/NA
Lead	23.8		1.4	0.33	mg/Kg	1	☼	6010C	Total/NA
Magnesium	7830	B F1	27.7	1.3	mg/Kg	1	☼	6010C	Total/NA
Manganese	623	B	0.28	0.044	mg/Kg	1	☼	6010C	Total/NA
Nickel	15.8		6.9	0.32	mg/Kg	1	☼	6010C	Total/NA
Potassium	2980	F1	41.6	27.7	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.9	J	5.5	0.55	mg/Kg	1	☼	6010C	Total/NA
Sodium	130	J B	194	18.0	mg/Kg	1	☼	6010C	Total/NA
Vanadium	30.8		0.69	0.15	mg/Kg	1	☼	6010C	Total/NA
Zinc	106	F1	2.8	0.89	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.37	F1	0.027	0.0062	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 4125-050422-0001 — Lab Sample ID: 480-197643-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.39	J B	5.0	0.31	ug/L	1		8270D	Total/NA
Iron	0.13		0.050	0.019	mg/L	1		6010C	Total/NA
Manganese	0.0018	J B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Zinc	0.0019	J ^1+ B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: 4125-050322-0002 — Lab Sample ID: 480-197643-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	730	J	2100	210	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]pyrene	810	J	2100	310	ug/Kg	10	☼	8270D	Total/NA
Benzo[b]fluoranthene	1200	J	2100	340	ug/Kg	10	☼	8270D	Total/NA
Benzo[g,h,i]perylene	660	J	2100	220	ug/Kg	10	☼	8270D	Total/NA
Benzo[k]fluoranthene	340	J	2100	270	ug/Kg	10	☼	8270D	Total/NA
Chrysene	810	J	2100	470	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	1800	J	2100	220	ug/Kg	10	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	580	J	2100	260	ug/Kg	10	☼	8270D	Total/NA
Phenanthrene	830	J	2100	310	ug/Kg	10	☼	8270D	Total/NA
Pyrene	1400	J	2100	250	ug/Kg	10	☼	8270D	Total/NA
Aluminum	19100		12.3	5.4	mg/Kg	1	☼	6010C	Total/NA
Antimony	3.3	J	18.5	0.49	mg/Kg	1	☼	6010C	Total/NA
Arsenic	6.5		2.5	0.49	mg/Kg	1	☼	6010C	Total/NA
Barium	101		0.62	0.14	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.84		0.25	0.035	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.27		0.25	0.037	mg/Kg	1	☼	6010C	Total/NA
Calcium	12000	B	61.7	4.1	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 4125-050322-0002 (Continued)
Lab Sample ID: 480-197643-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	24.9		0.62	0.25	mg/Kg	1	☼	6010C	Total/NA
Cobalt	10.9		0.62	0.062	mg/Kg	1	☼	6010C	Total/NA
Copper	16.1		1.2	0.26	mg/Kg	1	☼	6010C	Total/NA
Iron	24200	B	12.3	4.3	mg/Kg	1	☼	6010C	Total/NA
Lead	27.2		1.2	0.30	mg/Kg	1	☼	6010C	Total/NA
Magnesium	8130	B	24.7	1.1	mg/Kg	1	☼	6010C	Total/NA
Manganese	641	B	0.25	0.039	mg/Kg	1	☼	6010C	Total/NA
Nickel	19.1		6.2	0.28	mg/Kg	1	☼	6010C	Total/NA
Potassium	3950		37.0	24.7	mg/Kg	1	☼	6010C	Total/NA
Selenium	2.7	J	4.9	0.49	mg/Kg	1	☼	6010C	Total/NA
Sodium	137	J B	173	16.0	mg/Kg	1	☼	6010C	Total/NA
Vanadium	42.9		0.62	0.14	mg/Kg	1	☼	6010C	Total/NA
Zinc	75.9		2.5	0.79	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.19		0.025	0.0058	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: GHD Services Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Job ID: 480-197643-1

Client Sample ID: 4125-050322-0001
Date Collected: 05/03/22 00:00
Date Received: 05/05/22 12:30

Lab Sample ID: 480-197643-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/12/22 23:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/12/22 23:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/12/22 23:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/12/22 23:00	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/12/22 23:00	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/12/22 23:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/12/22 23:00	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/12/22 23:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/12/22 23:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/12/22 23:00	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/12/22 23:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/12/22 23:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/12/22 23:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/12/22 23:00	1
2-Hexanone	ND		5.0	1.2	ug/L			05/12/22 23:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/12/22 23:00	1
Acetone	**5.4**	**J**	10	3.0	ug/L			05/12/22 23:00	1
Benzene	ND		1.0	0.41	ug/L			05/12/22 23:00	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/12/22 23:00	1
Bromoform	ND		1.0	0.26	ug/L			05/12/22 23:00	1
Bromomethane	ND		1.0	0.69	ug/L			05/12/22 23:00	1
Carbon disulfide	**0.31**	**J**	1.0	0.19	ug/L			05/12/22 23:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/12/22 23:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/12/22 23:00	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/12/22 23:00	1
Chloroethane	ND		1.0	0.32	ug/L			05/12/22 23:00	1
Chloroform	**8.5**		1.0	0.34	ug/L			05/12/22 23:00	1
Chloromethane	ND		1.0	0.35	ug/L			05/12/22 23:00	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/12/22 23:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/12/22 23:00	1
Cyclohexane	ND		1.0	0.18	ug/L			05/12/22 23:00	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/12/22 23:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/12/22 23:00	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/12/22 23:00	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/12/22 23:00	1
Methyl acetate	ND		2.5	1.3	ug/L			05/12/22 23:00	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/12/22 23:00	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/12/22 23:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/12/22 23:00	1
Styrene	ND		1.0	0.73	ug/L			05/12/22 23:00	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/12/22 23:00	1
Toluene	ND		1.0	0.51	ug/L			05/12/22 23:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/12/22 23:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/12/22 23:00	1
Trichloroethene	ND		1.0	0.46	ug/L			05/12/22 23:00	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/12/22 23:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/12/22 23:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/12/22 23:00	1

Client Sample ID: 4125-050322-0001 — Lab Sample ID: 480-197643-1

Date Collected: 05/03/22 00:00 — **Matrix: Water**
Date Received: 05/05/22 12:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*99*		*80 - 120*		*05/12/22 23:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*05/12/22 23:00*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*05/12/22 23:00*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*05/12/22 23:00*	*1*

Client Sample ID: SS02-050322-1030 — Lab Sample ID: 480-197643-2

Date Collected: 05/03/22 10:30 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 77.1**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.8	0.35	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
1,1,2,2-Tetrachloroethane	ND		4.8	0.78	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
1,1,2-Trichloroethane	ND		4.8	0.62	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.8	1.1	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
1,1-Dichloroethane	ND		4.8	0.59	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
1,1-Dichloroethene	ND		4.8	0.59	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
1,2,4-Trichlorobenzene	ND		4.8	0.29	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
1,2-Dibromo-3-Chloropropane	ND		4.8	2.4	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
1,2-Dichlorobenzene	ND		4.8	0.38	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
1,2-Dichloroethane	ND		4.8	0.24	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
1,2-Dichloropropane	ND		4.8	2.4	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
1,3-Dichlorobenzene	ND		4.8	0.25	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
1,4-Dichlorobenzene	ND		4.8	0.67	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
2-Butanone (MEK)	ND		24	1.8	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
2-Hexanone	ND		24	2.4	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
4-Methyl-2-pentanone (MIBK)	ND		24	1.6	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
Acetone	ND		24	4.0	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
Benzene	ND		4.8	0.24	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
Bromodichloromethane	ND		4.8	0.64	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
Bromoform	ND		4.8	2.4	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
Bromomethane	ND		4.8	0.43	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
Carbon disulfide	ND		4.8	2.4	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
Carbon tetrachloride	ND		4.8	0.46	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
Chlorobenzene	ND		4.8	0.63	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
Dibromochloromethane	ND		4.8	0.61	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
Chloroethane	ND		4.8	1.1	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
Chloroform	ND		4.8	0.30	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
Chloromethane	ND		4.8	0.29	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
cis-1,2-Dichloroethene	ND		4.8	0.61	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
cis-1,3-Dichloropropene	ND		4.8	0.69	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
Cyclohexane	ND		4.8	0.67	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
Dichlorodifluoromethane	ND		4.8	0.40	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
Ethylbenzene	ND		4.8	0.33	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
1,2-Dibromoethane	ND		4.8	0.62	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
Isopropylbenzene	ND		4.8	0.72	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
Methyl acetate	ND		24	2.9	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
Methyl tert-butyl ether	ND		4.8	0.47	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
Methylcyclohexane	ND		4.8	0.73	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
Methylene Chloride	ND		4.8	2.2	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1

Client Sample ID: SS02-050322-1030 — Lab Sample ID: 480-197643-2

Date Collected: 05/03/22 10:30 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 77.1**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		4.8	0.24	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
Tetrachloroethene	ND		4.8	0.64	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
Toluene	ND		4.8	0.36	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
trans-1,2-Dichloroethene	ND		4.8	0.50	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
trans-1,3-Dichloropropene	ND		4.8	2.1	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
Trichloroethene	ND		4.8	1.1	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
Trichlorofluoromethane	ND		4.8	0.45	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
Vinyl chloride	ND		4.8	0.59	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1
Xylenes, Total	ND		9.6	0.81	ug/Kg	☼	05/05/22 17:00	05/09/22 00:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*108*		*71 - 125*	*05/05/22 17:00*	*05/09/22 00:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 126*	*05/05/22 17:00*	*05/09/22 00:37*	*1*
4-Bromofluorobenzene (Surr)	*79*		*72 - 126*	*05/05/22 17:00*	*05/09/22 00:37*	*1*
Dibromofluoromethane (Surr)	*100*		*60 - 140*	*05/05/22 17:00*	*05/09/22 00:37*	*1*

Client Sample ID: SS02-050322-1035 — Lab Sample ID: 480-197643-3

Date Collected: 05/03/22 10:35 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 82.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.6	0.33	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
1,1,2,2-Tetrachloroethane	ND		4.6	0.75	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
1,1,2-Trichloroethane	ND		4.6	0.60	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.6	1.0	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
1,1-Dichloroethane	ND		4.6	0.56	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
1,1-Dichloroethene	ND		4.6	0.56	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
1,2,4-Trichlorobenzene	ND		4.6	0.28	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
1,2-Dibromo-3-Chloropropane	ND		4.6	2.3	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
1,2-Dichlorobenzene	ND		4.6	0.36	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
1,2-Dichloroethane	ND		4.6	0.23	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
1,2-Dichloropropane	ND		4.6	2.3	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
1,3-Dichlorobenzene	ND		4.6	0.24	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
1,4-Dichlorobenzene	ND		4.6	0.64	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
2-Butanone (MEK)	ND		23	1.7	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
2-Hexanone	ND		23	2.3	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
4-Methyl-2-pentanone (MIBK)	ND		23	1.5	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
Acetone	ND		23	3.9	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
Benzene	ND		4.6	0.23	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
Bromodichloromethane	ND		4.6	0.62	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
Bromoform	ND		4.6	2.3	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
Bromomethane	ND		4.6	0.41	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
Carbon disulfide	ND		4.6	2.3	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
Carbon tetrachloride	ND		4.6	0.45	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
Chlorobenzene	ND		4.6	0.61	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
Dibromochloromethane	ND		4.6	0.59	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
Chloroethane	ND		4.6	1.0	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
Chloroform	ND		4.6	0.28	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
Chloromethane	ND		4.6	0.28	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1

Client Sample ID: SS02-050322-1035
Lab Sample ID: 480-197643-3

Date Collected: 05/03/22 10:35
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 82.0

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		4.6	0.59	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
cis-1,3-Dichloropropene	ND		4.6	0.66	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
Cyclohexane	ND		4.6	0.64	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
Dichlorodifluoromethane	ND		4.6	0.38	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
Ethylbenzene	ND		4.6	0.32	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
1,2-Dibromoethane	ND		4.6	0.59	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
Isopropylbenzene	ND		4.6	0.69	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
Methyl acetate	ND		23	2.8	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
Methyl tert-butyl ether	ND		4.6	0.45	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
Methylcyclohexane	ND		4.6	0.70	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
Methylene Chloride	ND		4.6	2.1	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
Styrene	ND		4.6	0.23	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
Tetrachloroethene	ND		4.6	0.62	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
Toluene	ND		4.6	0.35	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
trans-1,2-Dichloroethene	ND		4.6	0.47	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
trans-1,3-Dichloropropene	ND		4.6	2.0	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
Trichloroethene	ND		4.6	1.0	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
Trichlorofluoromethane	ND		4.6	0.43	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
Vinyl chloride	ND		4.6	0.56	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1
Xylenes, Total	ND		9.2	0.77	ug/Kg	☼	05/05/22 17:00	05/09/22 21:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*71 - 125*	*05/05/22 17:00*	*05/09/22 21:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 126*	*05/05/22 17:00*	*05/09/22 21:39*	*1*
4-Bromofluorobenzene (Surr)	*79*		*72 - 126*	*05/05/22 17:00*	*05/09/22 21:39*	*1*
Dibromofluoromethane (Surr)	*100*		*60 - 140*	*05/05/22 17:00*	*05/09/22 21:39*	*1*

Client Sample ID: SS03-050322-1050
Lab Sample ID: 480-197643-4

Date Collected: 05/03/22 10:50
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 78.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
2-Hexanone	ND		25	2.5	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
Acetone	ND		25	4.2	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1

Client Sample ID: SS03-050322-1050
Lab Sample ID: 480-197643-4
Date Collected: 05/03/22 10:50
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 78.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.24	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
Bromoform	ND		5.0	2.5	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
Bromomethane	ND		5.0	0.45	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
Carbon disulfide	ND		5.0	2.5	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
Chlorobenzene	ND		5.0	0.66	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
Chloroethane	ND		5.0	1.1	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
Chloroform	ND		5.0	0.31	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
Chloromethane	ND		5.0	0.30	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
Cyclohexane	ND		5.0	0.70	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
Ethylbenzene	ND		5.0	0.34	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
Methyl acetate	ND		25	3.0	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
Methylene Chloride	ND		5.0	2.3	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
Styrene	ND		5.0	0.25	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
Toluene	ND		5.0	0.38	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
trans-1,2-Dichloroethene	ND		5.0	0.51	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
Trichloroethene	ND		5.0	1.1	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
Vinyl chloride	ND		5.0	0.61	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1
Xylenes, Total	ND		10	0.84	ug/Kg	☼	05/05/22 17:00	05/09/22 01:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*106*		*71 - 125*	*05/05/22 17:00*	*05/09/22 01:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*	*05/05/22 17:00*	*05/09/22 01:25*	*1*
4-Bromofluorobenzene (Surr)	*75*		*72 - 126*	*05/05/22 17:00*	*05/09/22 01:25*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*	*05/05/22 17:00*	*05/09/22 01:25*	*1*

Client Sample ID: SS03-050322-1055
Lab Sample ID: 480-197643-5
Date Collected: 05/03/22 10:55
Matrix: Solid
Date Received: 05/05/22 12:30
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		3.8	0.27	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
1,1,2,2-Tetrachloroethane	ND		3.8	0.61	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
1,1,2-Trichloroethane	ND		3.8	0.49	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.8	0.86	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
1,1-Dichloroethane	ND		3.8	0.46	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
1,1-Dichloroethene	ND		3.8	0.46	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1

Client: GHD Services Inc.
Job ID: 480-197643-1
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Client Sample ID: SS03-050322-1055
Lab Sample ID: 480-197643-5
Date Collected: 05/03/22 10:55
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 85.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		3.8	0.23	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
1,2-Dibromo-3-Chloropropane	ND		3.8	1.9	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
1,2-Dichlorobenzene	ND		3.8	0.29	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
1,2-Dichloroethane	ND		3.8	0.19	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
1,2-Dichloropropane	ND		3.8	1.9	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
1,3-Dichlorobenzene	ND		3.8	0.19	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
1,4-Dichlorobenzene	ND		3.8	0.53	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
2-Butanone (MEK)	ND		19	1.4	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
2-Hexanone	ND		19	1.9	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
4-Methyl-2-pentanone (MIBK)	ND		19	1.2	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
Acetone	ND		19	3.2	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
Benzene	ND		3.8	0.18	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
Bromodichloromethane	ND		3.8	0.50	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
Bromoform	ND		3.8	1.9	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
Bromomethane	ND		3.8	0.34	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
Carbon disulfide	ND		3.8	1.9	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
Carbon tetrachloride	ND		3.8	0.36	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
Chlorobenzene	ND		3.8	0.50	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
Dibromochloromethane	ND		3.8	0.48	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
Chloroethane	ND		3.8	0.85	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
Chloroform	ND		3.8	0.23	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
Chloromethane	ND		3.8	0.23	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
cis-1,2-Dichloroethene	ND		3.8	0.48	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
cis-1,3-Dichloropropene	ND		3.8	0.54	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
Cyclohexane	ND		3.8	0.53	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
Dichlorodifluoromethane	ND		3.8	0.31	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
Ethylbenzene	ND		3.8	0.26	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
1,2-Dibromoethane	ND		3.8	0.48	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
Isopropylbenzene	ND		3.8	0.57	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
Methyl acetate	ND		19	2.3	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
Methyl tert-butyl ether	ND		3.8	0.37	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
Methylcyclohexane	ND		3.8	0.57	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
Methylene Chloride	ND		3.8	1.7	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
Styrene	ND		3.8	0.19	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
Tetrachloroethene	ND		3.8	0.50	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
Toluene	ND		3.8	0.28	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
trans-1,2-Dichloroethene	ND		3.8	0.39	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
trans-1,3-Dichloropropene	ND		3.8	1.7	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
Trichloroethene	ND		3.8	0.83	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
Trichlorofluoromethane	ND		3.8	0.36	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
Vinyl chloride	ND		3.8	0.46	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1
Xylenes, Total	ND		7.5	0.63	ug/Kg	☼	05/05/22 17:00	05/09/22 01:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*106*		*71 - 125*	*05/05/22 17:00*	*05/09/22 01:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*64 - 126*	*05/05/22 17:00*	*05/09/22 01:49*	*1*
4-Bromofluorobenzene (Surr)	*77*		*72 - 126*	*05/05/22 17:00*	*05/09/22 01:49*	*1*
Dibromofluoromethane (Surr)	*98*		*60 - 140*	*05/05/22 17:00*	*05/09/22 01:49*	*1*

Client: GHD Services Inc.
Job ID: 480-197643-1
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Client Sample ID: SS04-050322-1115
Lab Sample ID: 480-197643-6
Date Collected: 05/03/22 11:15
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 75.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.8	0.35	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
1,1,2,2-Tetrachloroethane	ND	*3	4.8	0.79	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
1,1,2-Trichloroethane	ND		4.8	0.63	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.8	1.1	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
1,1-Dichloroethane	ND		4.8	0.59	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
1,1-Dichloroethene	ND		4.8	0.59	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
1,2,4-Trichlorobenzene	ND	*3	4.8	0.29	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
1,2-Dibromo-3-Chloropropane	ND	*3	4.8	2.4	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
1,2-Dichlorobenzene	ND	*3	4.8	0.38	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
1,2-Dichloroethane	ND		4.8	0.24	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
1,2-Dichloropropane	ND		4.8	2.4	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
1,3-Dichlorobenzene	ND	*3	4.8	0.25	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
1,4-Dichlorobenzene	ND	*3	4.8	0.68	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
2-Butanone (MEK)	ND		24	1.8	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
2-Hexanone	ND		24	2.4	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
4-Methyl-2-pentanone (MIBK)	ND		24	1.6	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
Acetone	ND		24	4.1	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
Benzene	ND		4.8	0.24	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
Bromodichloromethane	ND		4.8	0.65	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
Bromoform	ND		4.8	2.4	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
Bromomethane	ND		4.8	0.44	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
Carbon disulfide	ND		4.8	2.4	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
Carbon tetrachloride	ND		4.8	0.47	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
Chlorobenzene	ND		4.8	0.64	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
Dibromochloromethane	ND		4.8	0.62	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
Chloroethane	ND		4.8	1.1	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
Chloroform	ND		4.8	0.30	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
Chloromethane	ND		4.8	0.29	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
cis-1,2-Dichloroethene	ND		4.8	0.62	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
cis-1,3-Dichloropropene	ND		4.8	0.70	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
Cyclohexane	ND		4.8	0.68	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
Dichlorodifluoromethane	ND		4.8	0.40	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
Ethylbenzene	ND		4.8	0.33	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
1,2-Dibromoethane	ND		4.8	0.62	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
Isopropylbenzene	ND	*3	4.8	0.73	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
Methyl acetate	ND		24	2.9	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
Methyl tert-butyl ether	ND		4.8	0.48	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
Methylcyclohexane	ND		4.8	0.74	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
Methylene Chloride	ND		4.8	2.2	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
Styrene	ND		4.8	0.24	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
Tetrachloroethene	ND		4.8	0.65	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
Toluene	ND		4.8	0.37	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
trans-1,2-Dichloroethene	ND		4.8	0.50	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
trans-1,3-Dichloropropene	ND		4.8	2.1	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
Trichloroethene	ND		4.8	1.1	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
Trichlorofluoromethane	ND		4.8	0.46	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
Vinyl chloride	ND		4.8	0.59	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1
Xylenes, Total	ND		9.7	0.81	ug/Kg	☼	05/05/22 17:00	05/09/22 22:03	1

Client Sample ID: SS04-050322-1115
Lab Sample ID: 480-197643-6

Date Collected: 05/03/22 11:15
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 75.8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*108*		*71 - 125*	*05/05/22 17:00*	*05/09/22 22:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 126*	*05/05/22 17:00*	*05/09/22 22:03*	*1*
4-Bromofluorobenzene (Surr)	*76*		*72 - 126*	*05/05/22 17:00*	*05/09/22 22:03*	*1*
Dibromofluoromethane (Surr)	*100*		*60 - 140*	*05/05/22 17:00*	*05/09/22 22:03*	*1*

Client Sample ID: SS04-050322-1120
Lab Sample ID: 480-197643-7

Date Collected: 05/03/22 11:20
Matrix: Solid
Date Received: 05/05/22 12:30
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	ND		5.6	0.41	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
1,1,2,2-Tetrachloroethane	ND		5.6	0.92	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
1,1,2-Trichloroethane	ND		5.6	0.73	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	1.3	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
1,1-Dichloroethane	ND		5.6	0.69	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
1,1-Dichloroethene	ND		5.6	0.69	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
1,2,4-Trichlorobenzene	ND		5.6	0.34	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
1,2-Dibromo-3-Chloropropane	ND		5.6	2.8	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
1,2-Dichlorobenzene	ND		5.6	0.44	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
1,2-Dichloroethane	ND		5.6	0.28	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
1,2-Dichloropropane	ND		5.6	2.8	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
1,3-Dichlorobenzene	ND		5.6	0.29	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
1,4-Dichlorobenzene	ND		5.6	0.79	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
2-Butanone (MEK)	ND		28	2.1	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
2-Hexanone	ND		28	2.8	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
4-Methyl-2-pentanone (MIBK)	ND		28	1.9	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
Acetone	ND		28	4.8	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
Benzene	ND		5.6	0.28	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
Bromodichloromethane	ND		5.6	0.76	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
Bromoform	ND		5.6	2.8	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
Bromomethane	ND		5.6	0.51	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
Carbon disulfide	ND		5.6	2.8	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
Carbon tetrachloride	ND		5.6	0.55	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
Chlorobenzene	ND		5.6	0.75	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
Dibromochloromethane	ND		5.6	0.72	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
Chloroethane	ND		5.6	1.3	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
Chloroform	ND		5.6	0.35	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
Chloromethane	ND		5.6	0.34	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
cis-1,2-Dichloroethene	ND		5.6	0.72	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
cis-1,3-Dichloropropene	ND		5.6	0.81	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
Cyclohexane	ND		5.6	0.79	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
Dichlorodifluoromethane	ND		5.6	0.47	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
Ethylbenzene	ND		5.6	0.39	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
1,2-Dibromoethane	ND		5.6	0.72	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
Isopropylbenzene	ND		5.6	0.85	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
Methyl acetate	ND		28	3.4	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
Methyl tert-butyl ether	ND		5.6	0.55	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
Methylcyclohexane	ND		5.6	0.86	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
Methylene Chloride	ND		5.6	2.6	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1

Client Sample ID: SS04-050322-1120
Lab Sample ID: 480-197643-7

Date Collected: 05/03/22 11:20
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		5.6	0.28	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
Tetrachloroethene	ND		5.6	0.76	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
Toluene	ND		5.6	0.43	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
trans-1,2-Dichloroethene	ND		5.6	0.58	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
trans-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
Trichloroethene	ND		5.6	1.2	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
Trichlorofluoromethane	ND		5.6	0.53	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
Vinyl chloride	ND		5.6	0.69	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1
Xylenes, Total	ND		11	0.95	ug/Kg	☼	05/05/22 17:00	05/09/22 22:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*107*		*71 - 125*	*05/05/22 17:00*	*05/09/22 22:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*64 - 126*	*05/05/22 17:00*	*05/09/22 22:28*	*1*
4-Bromofluorobenzene (Surr)	*76*		*72 - 126*	*05/05/22 17:00*	*05/09/22 22:28*	*1*
Dibromofluoromethane (Surr)	*96*		*60 - 140*	*05/05/22 17:00*	*05/09/22 22:28*	*1*

Client Sample ID: SS05-050322-1135
Lab Sample ID: 480-197643-8

Date Collected: 05/03/22 11:35
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 84.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.1	0.30	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
1,1,2,2-Tetrachloroethane	ND		4.1	0.67	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
1,1,2-Trichloroethane	ND		4.1	0.54	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.1	0.95	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
1,1-Dichloroethane	ND		4.1	0.51	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
1,1-Dichloroethene	ND		4.1	0.51	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
1,2,4-Trichlorobenzene	ND		4.1	0.25	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
1,2-Dibromo-3-Chloropropane	ND		4.1	2.1	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
1,2-Dichlorobenzene	ND		4.1	0.32	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
1,2-Dichloroethane	ND		4.1	0.21	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
1,2-Dichloropropane	ND		4.1	2.1	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
1,3-Dichlorobenzene	ND		4.1	0.21	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
1,4-Dichlorobenzene	ND		4.1	0.58	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
2-Butanone (MEK)	ND		21	1.5	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
2-Hexanone	ND		21	2.1	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
4-Methyl-2-pentanone (MIBK)	ND		21	1.4	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
Acetone	ND		21	3.5	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
Benzene	ND		4.1	0.20	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
Bromodichloromethane	ND		4.1	0.56	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
Bromoform	ND		4.1	2.1	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
Bromomethane	ND		4.1	0.37	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
Carbon disulfide	ND		4.1	2.1	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
Carbon tetrachloride	ND		4.1	0.40	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
Chlorobenzene	ND		4.1	0.55	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
Dibromochloromethane	ND		4.1	0.53	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
Chloroethane	ND		4.1	0.94	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
Chloroform	ND		4.1	0.26	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
Chloromethane	ND		4.1	0.25	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1

Client Sample ID: SS05-050322-1135
Lab Sample ID: 480-197643-8

Date Collected: 05/03/22 11:35
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 84.2

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		4.1	0.53	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
cis-1,3-Dichloropropene	ND		4.1	0.60	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
Cyclohexane	ND		4.1	0.58	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
Dichlorodifluoromethane	ND		4.1	0.34	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
Ethylbenzene	ND		4.1	0.29	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
1,2-Dibromoethane	ND		4.1	0.53	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
Isopropylbenzene	ND		4.1	0.63	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
Methyl acetate	ND		21	2.5	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
Methyl tert-butyl ether	ND		4.1	0.41	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
Methylcyclohexane	ND		4.1	0.63	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
Methylene Chloride	ND		4.1	1.9	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
Styrene	ND		4.1	0.21	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
Tetrachloroethene	ND		4.1	0.56	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
Toluene	ND		4.1	0.31	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
trans-1,2-Dichloroethene	ND		4.1	0.43	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
trans-1,3-Dichloropropene	ND		4.1	1.8	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
Trichloroethene	ND		4.1	0.91	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
Trichlorofluoromethane	ND		4.1	0.39	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
Vinyl chloride	ND		4.1	0.51	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1
Xylenes, Total	ND		8.3	0.70	ug/Kg	☼	05/05/22 17:00	05/09/22 03:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*105*		*71 - 125*	*05/05/22 17:00*	*05/09/22 03:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*	*05/05/22 17:00*	*05/09/22 03:01*	*1*
4-Bromofluorobenzene (Surr)	*79*		*72 - 126*	*05/05/22 17:00*	*05/09/22 03:01*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*05/05/22 17:00*	*05/09/22 03:01*	*1*

Client Sample ID: SS05-050322-1140
Lab Sample ID: 480-197643-9

Date Collected: 05/03/22 11:40
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 86.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.7	0.34	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
1,1,2,2-Tetrachloroethane	ND	*3	4.7	0.77	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
1,1,2-Trichloroethane	ND		4.7	0.62	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.7	1.1	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
1,1-Dichloroethane	ND		4.7	0.58	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
1,1-Dichloroethene	ND		4.7	0.58	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
1,2,4-Trichlorobenzene	ND	*3	4.7	0.29	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
1,2-Dibromo-3-Chloropropane	ND	*3	4.7	2.4	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
1,2-Dichlorobenzene	ND	*3	4.7	0.37	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
1,2-Dichloroethane	ND		4.7	0.24	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
1,2-Dichloropropane	ND		4.7	2.4	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
1,3-Dichlorobenzene	ND	*3	4.7	0.24	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
1,4-Dichlorobenzene	ND	*3	4.7	0.66	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
2-Butanone (MEK)	ND		24	1.7	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
2-Hexanone	ND		24	2.4	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
4-Methyl-2-pentanone (MIBK)	ND		24	1.6	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
Acetone	ND		24	4.0	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1

Client: GHD Services Inc.
Job ID: 480-197643-1
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Client Sample ID: SS05-050322-1140
Lab Sample ID: 480-197643-9
Date Collected: 05/03/22 11:40
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 86.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		4.7	0.23	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
Bromodichloromethane	ND		4.7	0.63	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
Bromoform	ND		4.7	2.4	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
Bromomethane	ND		4.7	0.43	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
Carbon disulfide	ND		4.7	2.4	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
Carbon tetrachloride	ND		4.7	0.46	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
Chlorobenzene	ND		4.7	0.63	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
Dibromochloromethane	ND		4.7	0.61	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
Chloroethane	ND		4.7	1.1	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
Chloroform	ND		4.7	0.29	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
Chloromethane	ND		4.7	0.29	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
cis-1,2-Dichloroethene	ND		4.7	0.61	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
cis-1,3-Dichloropropene	ND		4.7	0.68	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
Cyclohexane	ND		4.7	0.66	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
Dichlorodifluoromethane	ND		4.7	0.39	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
Ethylbenzene	ND		4.7	0.33	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
1,2-Dibromoethane	ND		4.7	0.61	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
Isopropylbenzene	ND	*3	4.7	0.71	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
Methyl acetate	ND		24	2.9	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
Methyl tert-butyl ether	ND		4.7	0.47	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
Methylcyclohexane	ND		4.7	0.72	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
Methylene Chloride	ND		4.7	2.2	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
Styrene	ND		4.7	0.24	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
Tetrachloroethene	ND		4.7	0.64	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
Toluene	ND		4.7	0.36	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
trans-1,2-Dichloroethene	ND		4.7	0.49	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
trans-1,3-Dichloropropene	ND		4.7	2.1	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
Trichloroethene	ND		4.7	1.0	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
Trichlorofluoromethane	ND		4.7	0.45	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
Vinyl chloride	ND		4.7	0.58	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1
Xylenes, Total	ND		9.5	0.80	ug/Kg	☼	05/05/22 17:00	05/09/22 22:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*108*		*71 - 125*	*05/05/22 17:00*	*05/09/22 22:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*	*05/05/22 17:00*	*05/09/22 22:52*	*1*
4-Bromofluorobenzene (Surr)	*75*		*72 - 126*	*05/05/22 17:00*	*05/09/22 22:52*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*05/05/22 17:00*	*05/09/22 22:52*	*1*

Client Sample ID: SS01-050322-1325
Lab Sample ID: 480-197643-10
Date Collected: 05/03/22 13:25
Matrix: Solid
Date Received: 05/05/22 12:30
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		5.4	0.39	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
1,1,2,2-Tetrachloroethane	ND		5.4	0.88	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
1,1,2-Trichloroethane	ND		5.4	0.71	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.4	1.2	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
1,1-Dichloroethane	ND		5.4	0.66	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
1,1-Dichloroethene	ND		5.4	0.67	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1

Client Sample ID: SS01-050322-1325
Date Collected: 05/03/22 13:25
Date Received: 05/05/22 12:30

Lab Sample ID: 480-197643-10
Matrix: Solid
Percent Solids: 83.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		5.4	0.33	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
1,2-Dibromo-3-Chloropropane	ND		5.4	2.7	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
1,2-Dichlorobenzene	ND		5.4	0.43	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
1,2-Dichloroethane	ND		5.4	0.27	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
1,2-Dichloropropane	ND		5.4	2.7	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
1,3-Dichlorobenzene	ND		5.4	0.28	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
1,4-Dichlorobenzene	ND		5.4	0.76	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
2-Butanone (MEK)	ND		27	2.0	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
2-Hexanone	ND		27	2.7	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
4-Methyl-2-pentanone (MIBK)	ND		27	1.8	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
Acetone	ND		27	4.6	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
Benzene	ND		5.4	0.27	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
Bromodichloromethane	ND		5.4	0.73	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
Bromoform	ND		5.4	2.7	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
Bromomethane	ND		5.4	0.49	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
Carbon disulfide	ND		5.4	2.7	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
Carbon tetrachloride	ND		5.4	0.53	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
Chlorobenzene	ND		5.4	0.72	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
Dibromochloromethane	ND		5.4	0.70	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
Chloroethane	ND		5.4	1.2	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
Chloroform	ND		5.4	0.34	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
Chloromethane	ND		5.4	0.33	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
cis-1,2-Dichloroethene	ND		5.4	0.70	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
cis-1,3-Dichloropropene	ND		5.4	0.78	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
Cyclohexane	ND		5.4	0.76	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
Dichlorodifluoromethane	ND		5.4	0.45	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
Ethylbenzene	ND		5.4	0.38	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
1,2-Dibromoethane	ND		5.4	0.70	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
Isopropylbenzene	ND		5.4	0.82	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
Methyl acetate	ND		27	3.3	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
Methyl tert-butyl ether	ND		5.4	0.53	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
Methylcyclohexane	ND		5.4	0.83	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
Methylene Chloride	ND		5.4	2.5	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
Styrene	ND		5.4	0.27	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
Tetrachloroethene	ND		5.4	0.73	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
Toluene	ND		5.4	0.41	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
trans-1,2-Dichloroethene	ND		5.4	0.56	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
trans-1,3-Dichloropropene	ND		5.4	2.4	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
Trichloroethene	ND		5.4	1.2	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
Trichlorofluoromethane	ND		5.4	0.51	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
Vinyl chloride	ND		5.4	0.66	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1
Xylenes, Total	ND		11	0.91	ug/Kg	☼	05/05/22 17:00	05/09/22 03:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*105*		*71 - 125*	*05/05/22 17:00*	*05/09/22 03:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*64 - 126*	*05/05/22 17:00*	*05/09/22 03:49*	*1*
4-Bromofluorobenzene (Surr)	*81*		*72 - 126*	*05/05/22 17:00*	*05/09/22 03:49*	*1*
Dibromofluoromethane (Surr)	*98*		*60 - 140*	*05/05/22 17:00*	*05/09/22 03:49*	*1*

Client: GHD Services Inc.
Job ID: 480-197643-1
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Client Sample ID: SS01-050322-1330
Lab Sample ID: 480-197643-11
Date Collected: 05/03/22 13:30
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 88.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.5	0.33	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
1,1,2,2-Tetrachloroethane	ND		4.5	0.73	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
1,1,2-Trichloroethane	ND		4.5	0.59	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.5	1.0	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
1,1-Dichloroethane	ND		4.5	0.55	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
1,1-Dichloroethene	ND		4.5	0.55	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
1,2,4-Trichlorobenzene	ND		4.5	0.27	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
1,2-Dibromo-3-Chloropropane	ND		4.5	2.3	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
1,2-Dichlorobenzene	ND		4.5	0.35	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
1,2-Dichloroethane	ND		4.5	0.23	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
1,2-Dichloropropane	ND		4.5	2.3	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
1,3-Dichlorobenzene	ND		4.5	0.23	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
1,4-Dichlorobenzene	ND		4.5	0.63	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
2-Butanone (MEK)	ND		23	1.7	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
2-Hexanone	ND		23	2.3	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
4-Methyl-2-pentanone (MIBK)	ND		23	1.5	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
Acetone	ND		23	3.8	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
Benzene	ND		4.5	0.22	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
Bromodichloromethane	ND		4.5	0.61	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
Bromoform	ND		4.5	2.3	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
Bromomethane	ND		4.5	0.41	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
Carbon disulfide	ND		4.5	2.3	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
Carbon tetrachloride	ND		4.5	0.44	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
Chlorobenzene	ND		4.5	0.60	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
Dibromochloromethane	ND		4.5	0.58	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
Chloroethane	ND		4.5	1.0	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
Chloroform	ND		4.5	0.28	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
Chloromethane	ND		4.5	0.27	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
cis-1,2-Dichloroethene	ND		4.5	0.58	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
cis-1,3-Dichloropropene	ND		4.5	0.65	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
Cyclohexane	ND		4.5	0.63	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
Dichlorodifluoromethane	ND		4.5	0.37	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
Ethylbenzene	ND		4.5	0.31	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
1,2-Dibromoethane	ND		4.5	0.58	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
Isopropylbenzene	ND		4.5	0.68	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
Methyl acetate	ND		23	2.7	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
Methyl tert-butyl ether	ND		4.5	0.44	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
Methylcyclohexane	ND		4.5	0.69	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
Methylene Chloride	ND		4.5	2.1	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
Styrene	ND		4.5	0.23	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
Tetrachloroethene	ND		4.5	0.61	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
Toluene	ND		4.5	0.34	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
trans-1,2-Dichloroethene	ND		4.5	0.47	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
trans-1,3-Dichloropropene	ND		4.5	2.0	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
Trichloroethene	ND		4.5	0.99	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
Trichlorofluoromethane	ND		4.5	0.43	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
Vinyl chloride	ND		4.5	0.55	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1
Xylenes, Total	ND		9.0	0.76	ug/Kg	☼	05/05/22 17:00	05/09/22 04:14	1

Client Sample ID: SS01-050322-1330 — Lab Sample ID: 480-197643-11

Date Collected: 05/03/22 13:30 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 88.1**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*105*		*71 - 125*	*05/05/22 17:00*	*05/09/22 04:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 126*	*05/05/22 17:00*	*05/09/22 04:14*	*1*
4-Bromofluorobenzene (Surr)	*76*		*72 - 126*	*05/05/22 17:00*	*05/09/22 04:14*	*1*
Dibromofluoromethane (Surr)	*98*		*60 - 140*	*05/05/22 17:00*	*05/09/22 04:14*	*1*

Client Sample ID: COMP-050322-1400 — Lab Sample ID: 480-197643-12

Date Collected: 05/03/22 14:00 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 72.8**

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1100	170	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
bis (2-chloroisopropyl) ether	ND		1100	230	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
2,4,5-Trichlorophenol	ND		1100	310	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
2,4,6-Trichlorophenol	ND		1100	230	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
2,4-Dichlorophenol	ND		1100	120	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
2,4-Dimethylphenol	ND		1100	270	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
2,4-Dinitrophenol	ND		11000	5200	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
2,4-Dinitrotoluene	ND		1100	230	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
2,6-Dinitrotoluene	ND		1100	130	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
2-Chloronaphthalene	ND		1100	190	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
2-Chlorophenol	ND		2200	210	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
2-Methylphenol	ND		1100	130	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
2-Methylnaphthalene	ND		1100	230	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
2-Nitroaniline	ND		2200	170	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
2-Nitrophenol	ND		1100	320	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
3,3'-Dichlorobenzidine	ND		2200	1300	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
3-Nitroaniline	ND		2200	310	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
4,6-Dinitro-2-methylphenol	ND		2200	1100	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
4-Bromophenyl phenyl ether	ND		1100	160	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
4-Chloro-3-methylphenol	ND		1100	280	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
4-Chloroaniline	ND		1100	280	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
4-Chlorophenyl phenyl ether	ND		1100	140	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
4-Methylphenol	ND		2200	130	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
4-Nitroaniline	ND		2200	600	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
4-Nitrophenol	ND		2200	800	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Acenaphthene	ND		1100	170	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Acenaphthylene	ND		1100	150	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Acetophenone	ND		1100	150	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Anthracene	ND		1100	280	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Atrazine	ND		1100	390	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Benzaldehyde	ND		1100	900	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Benzo[a]anthracene	**130**	**J**	1100	110	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Benzo[a]pyrene	ND		1100	170	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Benzo[b]fluoranthene	**260**	**J**	1100	180	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Benzo[g,h,i]perylene	**120**	**J**	1100	120	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Benzo[k]fluoranthene	ND		1100	150	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Bis(2-chloroethoxy)methane	ND		1100	240	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Bis(2-chloroethyl)ether	ND		1100	150	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Bis(2-ethylhexyl) phthalate	ND		1100	390	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5

Client Sample ID: COMP-050322-1400
Lab Sample ID: 480-197643-12
Date Collected: 05/03/22 14:00
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 72.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	ND		1100	190	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Caprolactam	ND		1100	340	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Carbazole	ND		1100	130	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Chrysene	ND		1100	250	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Dibenz(a,h)anthracene	ND		1100	200	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Di-n-butyl phthalate	ND		1100	190	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Di-n-octyl phthalate	ND		1100	130	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Dibenzofuran	ND		1100	130	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Diethyl phthalate	ND		1100	150	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Dimethyl phthalate	ND		1100	130	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Fluoranthene	**360**	**J**	1100	120	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Fluorene	ND		1100	130	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Hexachlorobenzene	ND		1100	150	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Hexachlorobutadiene	ND		1100	170	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Hexachlorocyclopentadiene	ND		1100	150	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Hexachloroethane	ND		1100	150	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Indeno[1,2,3-cd]pyrene	ND		1100	140	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Isophorone	ND		1100	240	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
N-Nitrosodi-n-propylamine	ND		1100	190	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
N-Nitrosodiphenylamine	ND		1100	920	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Naphthalene	ND		1100	150	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Nitrobenzene	ND		1100	130	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Pentachlorophenol	ND		2200	1100	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Phenanthrene	ND		1100	170	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Phenol	ND		1100	170	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5
Pyrene	**260**	**J**	1100	130	ug/Kg	☼	05/09/22 16:07	05/10/22 14:21	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*82*		*53 - 120*	*05/09/22 16:07*	*05/10/22 14:21*	*5*
Phenol-d5 (Surr)	*81*		*54 - 120*	*05/09/22 16:07*	*05/10/22 14:21*	*5*
p-Terphenyl-d14 (Surr)	*94*		*79 - 130*	*05/09/22 16:07*	*05/10/22 14:21*	*5*
2,4,6-Tribromophenol (Surr)	*70*		*54 - 120*	*05/09/22 16:07*	*05/10/22 14:21*	*5*
2-Fluorobiphenyl (Surr)	*88*		*60 - 120*	*05/09/22 16:07*	*05/10/22 14:21*	*5*
2-Fluorophenol (Surr)	*76*		*52 - 120*	*05/09/22 16:07*	*05/10/22 14:21*	*5*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		23	4.4	ug/Kg	☼	05/11/22 15:28	05/12/22 14:01	10
4,4'-DDE	ND		23	4.7	ug/Kg	☼	05/11/22 15:28	05/12/22 14:01	10
4,4'-DDT	ND		23	5.3	ug/Kg	☼	05/11/22 15:28	05/12/22 14:01	10
Aldrin	ND		23	5.5	ug/Kg	☼	05/11/22 15:28	05/12/22 14:01	10
alpha-BHC	ND		23	4.0	ug/Kg	☼	05/11/22 15:28	05/12/22 14:01	10
cis-Chlordane	ND		23	11	ug/Kg	☼	05/11/22 15:28	05/12/22 14:01	10
beta-BHC	ND		23	4.0	ug/Kg	☼	05/11/22 15:28	05/12/22 14:01	10
delta-BHC	ND		23	4.2	ug/Kg	☼	05/11/22 15:28	05/12/22 14:01	10
Dieldrin	ND		23	5.4	ug/Kg	☼	05/11/22 15:28	05/12/22 14:01	10
Endosulfan I	ND		23	4.3	ug/Kg	☼	05/11/22 15:28	05/12/22 14:01	10
Endosulfan II	ND		23	4.0	ug/Kg	☼	05/11/22 15:28	05/12/22 14:01	10
Endosulfan sulfate	ND		23	4.2	ug/Kg	☼	05/11/22 15:28	05/12/22 14:01	10
Endrin	ND		23	4.5	ug/Kg	☼	05/11/22 15:28	05/12/22 14:01	10

Client Sample ID: COMP-050322-1400
Lab Sample ID: 480-197643-12
Date Collected: 05/03/22 14:00
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 72.8

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		23	5.7	ug/Kg	☼	05/11/22 15:28	05/12/22 14:01	10
Endrin ketone	ND		23	5.5	ug/Kg	☼	05/11/22 15:28	05/12/22 14:01	10
gamma-BHC (Lindane)	ND		23	4.1	ug/Kg	☼	05/11/22 15:28	05/12/22 14:01	10
trans-Chlordane	ND		23	7.1	ug/Kg	☼	05/11/22 15:28	05/12/22 14:01	10
Heptachlor	ND		23	4.9	ug/Kg	☼	05/11/22 15:28	05/12/22 14:01	10
Heptachlor epoxide	ND		23	5.8	ug/Kg	☼	05/11/22 15:28	05/12/22 14:01	10
Methoxychlor	ND		23	4.6	ug/Kg	☼	05/11/22 15:28	05/12/22 14:01	10
Toxaphene	ND		230	130	ug/Kg	☼	05/11/22 15:28	05/12/22 14:01	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*	*05/11/22 15:28*	*05/12/22 14:01*	*10*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*05/11/22 15:28*	*05/12/22 14:01*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.30	0.059	mg/Kg	☼	05/10/22 15:44	05/12/22 01:23	1
PCB-1221	ND		0.30	0.059	mg/Kg	☼	05/10/22 15:44	05/12/22 01:23	1
PCB-1232	ND		0.30	0.059	mg/Kg	☼	05/10/22 15:44	05/12/22 01:23	1
PCB-1242	ND		0.30	0.059	mg/Kg	☼	05/10/22 15:44	05/12/22 01:23	1
PCB-1248	ND		0.30	0.059	mg/Kg	☼	05/10/22 15:44	05/12/22 01:23	1
PCB-1254	ND		0.30	0.14	mg/Kg	☼	05/10/22 15:44	05/12/22 01:23	1
PCB-1260	ND		0.30	0.14	mg/Kg	☼	05/10/22 15:44	05/12/22 01:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*88*		*60 - 154*	*05/10/22 15:44*	*05/12/22 01:23*	*1*
DCB Decachlorobiphenyl	*80*		*65 - 174*	*05/10/22 15:44*	*05/12/22 01:23*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**22700**		13.9	6.1	mg/Kg	☼	05/10/22 15:03	05/14/22 17:39	1
Antimony	**3.4**	**J**	20.8	0.56	mg/Kg	☼	05/10/22 15:03	05/14/22 17:39	1
Arsenic	**4.6**		2.8	0.56	mg/Kg	☼	05/10/22 15:03	05/14/22 17:39	1
Barium	**113**		0.69	0.15	mg/Kg	☼	05/10/22 15:03	05/14/22 17:39	1
Beryllium	**0.90**		0.28	0.039	mg/Kg	☼	05/10/22 15:03	05/14/22 17:39	1
Cadmium	**0.25**	**J**	0.28	0.042	mg/Kg	☼	05/10/22 15:03	05/14/22 17:39	1
Calcium	**8040**	**B**	69.5	4.6	mg/Kg	☼	05/10/22 15:03	05/14/22 17:39	1
Chromium	**28.8**		0.69	0.28	mg/Kg	☼	05/10/22 15:03	05/14/22 17:39	1
Cobalt	**10.3**		0.69	0.069	mg/Kg	☼	05/10/22 15:03	05/14/22 17:39	1
Copper	**22.7**		1.4	0.29	mg/Kg	☼	05/10/22 15:03	05/14/22 17:39	1
Iron	**23300**	**B**	13.9	4.9	mg/Kg	☼	05/10/22 15:03	05/14/22 17:39	1
Lead	**47.1**		1.4	0.33	mg/Kg	☼	05/10/22 15:03	05/14/22 17:39	1
Magnesium	**6660**	**B**	27.8	1.3	mg/Kg	☼	05/10/22 15:03	05/14/22 17:39	1
Manganese	**557**	**B**	0.28	0.044	mg/Kg	☼	05/10/22 15:03	05/14/22 17:39	1
Nickel	**20.8**		6.9	0.32	mg/Kg	☼	05/10/22 15:03	05/14/22 17:39	1
Potassium	**4800**		41.7	27.8	mg/Kg	☼	05/10/22 15:03	05/14/22 17:39	1
Selenium	**2.4**	**J**	5.6	0.56	mg/Kg	☼	05/10/22 15:03	05/14/22 17:39	1
Silver	ND		0.83	0.28	mg/Kg	☼	05/10/22 15:03	05/14/22 17:39	1
Sodium	**144**	**J B**	195	18.1	mg/Kg	☼	05/10/22 15:03	05/14/22 17:39	1
Thallium	ND		8.3	0.42	mg/Kg	☼	05/10/22 15:03	05/14/22 17:39	1
Vanadium	**43.1**		0.69	0.15	mg/Kg	☼	05/10/22 15:03	05/14/22 17:39	1

Client Sample ID: COMP-050322-1400 — Lab Sample ID: 480-197643-12

Date Collected: 05/03/22 14:00 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 72.8**

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	102		2.8	0.89	mg/Kg	☼	05/10/22 15:03	05/14/22 17:39	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.14		0.028	0.0065	mg/Kg	☼	05/13/22 09:50	05/13/22 13:28	1

Client Sample ID: COMP-050322-1405 — Lab Sample ID: 480-197643-13

Date Collected: 05/03/22 14:05 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 81.3**

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1000	150	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
bis (2-chloroisopropyl) ether	ND		1000	210	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
2,4,5-Trichlorophenol	ND		1000	280	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
2,4,6-Trichlorophenol	ND		1000	210	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
2,4-Dichlorophenol	ND		1000	110	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
2,4-Dimethylphenol	ND		1000	250	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
2,4-Dinitrophenol	ND		10000	4800	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
2,4-Dinitrotoluene	ND		1000	210	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
2,6-Dinitrotoluene	ND		1000	120	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
2-Chloronaphthalene	ND		1000	170	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
2-Chlorophenol	ND		2000	190	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
2-Methylphenol	ND		1000	120	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
2-Methylnaphthalene	ND		1000	210	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
2-Nitroaniline	ND		2000	150	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
2-Nitrophenol	ND		1000	290	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
3,3'-Dichlorobenzidine	ND		2000	1200	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
3-Nitroaniline	ND		2000	290	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
4,6-Dinitro-2-methylphenol	ND		2000	1000	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
4-Bromophenyl phenyl ether	ND		1000	150	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
4-Chloro-3-methylphenol	ND		1000	260	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
4-Chloroaniline	ND		1000	260	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
4-Chlorophenyl phenyl ether	ND		1000	130	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
4-Methylphenol	ND		2000	120	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
4-Nitroaniline	ND		2000	540	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
4-Nitrophenol	ND		2000	720	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Acenaphthene	ND		1000	150	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Acenaphthylene	ND		1000	130	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Acetophenone	ND		1000	140	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Anthracene	ND		1000	260	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Atrazine	ND		1000	360	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Benzaldehyde	ND		1000	820	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Benzo[a]anthracene	ND		1000	100	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Benzo[a]pyrene	150	J	1000	150	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Benzo[b]fluoranthene	220	J	1000	160	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Benzo[g,h,i]perylene	110	J	1000	110	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Benzo[k]fluoranthene	ND		1000	130	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Bis(2-chloroethoxy)methane	ND		1000	220	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Bis(2-chloroethyl)ether	ND		1000	130	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5

Client: GHD Services Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Job ID: 480-197643-1

Client Sample ID: COMP-050322-1405
Date Collected: 05/03/22 14:05
Date Received: 05/05/22 12:30

Lab Sample ID: 480-197643-13
Matrix: Solid
Percent Solids: 81.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		1000	350	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Butyl benzyl phthalate	ND		1000	170	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Caprolactam	ND		1000	310	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Carbazole	ND		1000	120	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Chrysene	ND		1000	230	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Dibenz(a,h)anthracene	ND		1000	180	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Di-n-butyl phthalate	ND		1000	180	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Di-n-octyl phthalate	ND		1000	120	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Dibenzofuran	ND		1000	120	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Diethyl phthalate	ND		1000	130	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Dimethyl phthalate	ND		1000	120	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Fluoranthene	**310**	**J**	1000	110	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Fluorene	ND		1000	120	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Hexachlorobenzene	ND		1000	140	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Hexachlorobutadiene	ND		1000	150	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Hexachlorocyclopentadiene	ND		1000	140	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Hexachloroethane	ND		1000	130	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Indeno[1,2,3-cd]pyrene	ND		1000	130	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Isophorone	ND		1000	220	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
N-Nitrosodi-n-propylamine	ND		1000	180	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
N-Nitrosodiphenylamine	ND		1000	840	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Naphthalene	ND		1000	130	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Nitrobenzene	ND		1000	120	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Pentachlorophenol	ND		2000	1000	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Phenanthrene	**160**	**J**	1000	150	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Phenol	ND		1000	160	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5
Pyrene	**230**	**J**	1000	120	ug/Kg	☼	05/09/22 16:07	05/10/22 14:45	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*86*		*53 - 120*	*05/09/22 16:07*	*05/10/22 14:45*	*5*
Phenol-d5 (Surr)	*87*		*54 - 120*	*05/09/22 16:07*	*05/10/22 14:45*	*5*
p-Terphenyl-d14 (Surr)	*92*		*79 - 130*	*05/09/22 16:07*	*05/10/22 14:45*	*5*
2,4,6-Tribromophenol (Surr)	*69*		*54 - 120*	*05/09/22 16:07*	*05/10/22 14:45*	*5*
2-Fluorobiphenyl (Surr)	*94*		*60 - 120*	*05/09/22 16:07*	*05/10/22 14:45*	*5*
2-Fluorophenol (Surr)	*83*		*52 - 120*	*05/09/22 16:07*	*05/10/22 14:45*	*5*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		40	7.8	ug/Kg	☼	05/11/22 15:28	05/12/22 14:21	20
4,4'-DDE	ND		40	8.4	ug/Kg	☼	05/11/22 15:28	05/12/22 14:21	20
4,4'-DDT	ND		40	9.4	ug/Kg	☼	05/11/22 15:28	05/12/22 14:21	20
Aldrin	ND		40	9.8	ug/Kg	☼	05/11/22 15:28	05/12/22 14:21	20
alpha-BHC	ND		40	7.2	ug/Kg	☼	05/11/22 15:28	05/12/22 14:21	20
cis-Chlordane	ND		40	20	ug/Kg	☼	05/11/22 15:28	05/12/22 14:21	20
beta-BHC	ND		40	7.2	ug/Kg	☼	05/11/22 15:28	05/12/22 14:21	20
delta-BHC	ND		40	7.4	ug/Kg	☼	05/11/22 15:28	05/12/22 14:21	20
Dieldrin	ND		40	9.6	ug/Kg	☼	05/11/22 15:28	05/12/22 14:21	20
Endosulfan I	ND		40	7.7	ug/Kg	☼	05/11/22 15:28	05/12/22 14:21	20
Endosulfan II	ND		40	7.2	ug/Kg	☼	05/11/22 15:28	05/12/22 14:21	20
Endosulfan sulfate	ND		40	7.5	ug/Kg	☼	05/11/22 15:28	05/12/22 14:21	20

Client Sample ID: COMP-050322-1405
Lab Sample ID: 480-197643-13
Date Collected: 05/03/22 14:05
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 81.3

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin	ND		40	7.9	ug/Kg	☼	05/11/22 15:28	05/12/22 14:21	20
Endrin aldehyde	ND		40	10	ug/Kg	☼	05/11/22 15:28	05/12/22 14:21	20
Endrin ketone	ND		40	9.8	ug/Kg	☼	05/11/22 15:28	05/12/22 14:21	20
gamma-BHC (Lindane)	ND		40	7.3	ug/Kg	☼	05/11/22 15:28	05/12/22 14:21	20
trans-Chlordane	ND		40	13	ug/Kg	☼	05/11/22 15:28	05/12/22 14:21	20
Heptachlor	ND		40	8.7	ug/Kg	☼	05/11/22 15:28	05/12/22 14:21	20
Heptachlor epoxide	ND		40	10	ug/Kg	☼	05/11/22 15:28	05/12/22 14:21	20
Methoxychlor	ND		40	8.2	ug/Kg	☼	05/11/22 15:28	05/12/22 14:21	20
Toxaphene	ND		400	230	ug/Kg	☼	05/11/22 15:28	05/12/22 14:21	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*	*05/11/22 15:28*	*05/12/22 14:21*	*20*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*05/11/22 15:28*	*05/12/22 14:21*	*20*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23	0.045	mg/Kg	☼	05/10/22 15:44	05/12/22 01:36	1
PCB-1221	ND		0.23	0.045	mg/Kg	☼	05/10/22 15:44	05/12/22 01:36	1
PCB-1232	ND		0.23	0.045	mg/Kg	☼	05/10/22 15:44	05/12/22 01:36	1
PCB-1242	ND		0.23	0.045	mg/Kg	☼	05/10/22 15:44	05/12/22 01:36	1
PCB-1248	ND		0.23	0.045	mg/Kg	☼	05/10/22 15:44	05/12/22 01:36	1
PCB-1254	ND		0.23	0.11	mg/Kg	☼	05/10/22 15:44	05/12/22 01:36	1
PCB-1260	ND		0.23	0.11	mg/Kg	☼	05/10/22 15:44	05/12/22 01:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*88*		*60 - 154*	*05/10/22 15:44*	*05/12/22 01:36*	*1*
DCB Decachlorobiphenyl	*76*		*65 - 174*	*05/10/22 15:44*	*05/12/22 01:36*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**16700**		12.7	5.6	mg/Kg	☼	05/10/22 15:03	05/14/22 17:43	1
Antimony	**2.5**	**J**	19.0	0.51	mg/Kg	☼	05/10/22 15:03	05/14/22 17:43	1
Arsenic	**4.2**		2.5	0.51	mg/Kg	☼	05/10/22 15:03	05/14/22 17:43	1
Barium	**83.7**		0.63	0.14	mg/Kg	☼	05/10/22 15:03	05/14/22 17:43	1
Beryllium	**0.67**		0.25	0.036	mg/Kg	☼	05/10/22 15:03	05/14/22 17:43	1
Cadmium	**0.26**		0.25	0.038	mg/Kg	☼	05/10/22 15:03	05/14/22 17:43	1
Calcium	**20600**	**B**	63.5	4.2	mg/Kg	☼	05/10/22 15:03	05/14/22 17:43	1
Chromium	**21.9**		0.63	0.25	mg/Kg	☼	05/10/22 15:03	05/14/22 17:43	1
Cobalt	**7.1**		0.63	0.063	mg/Kg	☼	05/10/22 15:03	05/14/22 17:43	1
Copper	**28.5**		1.3	0.27	mg/Kg	☼	05/10/22 15:03	05/14/22 17:43	1
Iron	**17800**	**B**	12.7	4.4	mg/Kg	☼	05/10/22 15:03	05/14/22 17:43	1
Lead	**26.3**		1.3	0.30	mg/Kg	☼	05/10/22 15:03	05/14/22 17:43	1
Magnesium	**11600**	**B**	25.4	1.2	mg/Kg	☼	05/10/22 15:03	05/14/22 17:43	1
Manganese	**434**	**B**	0.25	0.041	mg/Kg	☼	05/10/22 15:03	05/14/22 17:43	1
Nickel	**15.4**		6.3	0.29	mg/Kg	☼	05/10/22 15:03	05/14/22 17:43	1
Potassium	**3610**		38.1	25.4	mg/Kg	☼	05/10/22 15:03	05/14/22 17:43	1
Selenium	**1.5**	**J**	5.1	0.51	mg/Kg	☼	05/10/22 15:03	05/14/22 17:43	1
Silver	ND		0.76	0.25	mg/Kg	☼	05/10/22 15:03	05/14/22 17:43	1
Sodium	**141**	**J B**	178	16.5	mg/Kg	☼	05/10/22 15:03	05/14/22 17:43	1
Thallium	ND		7.6	0.38	mg/Kg	☼	05/10/22 15:03	05/14/22 17:43	1

Client Sample ID: COMP-050322-1405 — Lab Sample ID: 480-197643-13

Date Collected: 05/03/22 14:05 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 81.3**

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	33.4		0.63	0.14	mg/Kg	☼	05/10/22 15:03	05/14/22 17:43	1
Zinc	89.7		2.5	0.81	mg/Kg	☼	05/10/22 15:03	05/14/22 17:43	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.54		0.025	0.0057	mg/Kg	☼	05/13/22 09:50	05/13/22 13:29	1

Client Sample ID: SS06-050322-1450 — Lab Sample ID: 480-197643-14

Date Collected: 05/03/22 14:50 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **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		5.0	0.36	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
2-Hexanone	ND		25	2.5	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
Acetone	5.5	J	25	4.2	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
Benzene	ND		5.0	0.24	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
Bromoform	ND		5.0	2.5	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
Bromomethane	ND		5.0	0.45	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
Carbon disulfide	ND		5.0	2.5	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
Chlorobenzene	ND		5.0	0.66	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
Chloroethane	ND		5.0	1.1	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
Chloroform	ND		5.0	0.31	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
Chloromethane	ND		5.0	0.30	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
Cyclohexane	ND		5.0	0.70	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
Ethylbenzene	ND		5.0	0.34	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
Methyl acetate	ND		25	3.0	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1

Client Sample ID: SS06-050322-1450 — Lab Sample ID: 480-197643-14

Date Collected: 05/03/22 14:50 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 81.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	ND		5.0	0.76	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
Methylene Chloride	ND		5.0	2.3	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
Styrene	ND		5.0	0.25	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
Toluene	ND		5.0	0.38	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
Trichloroethene	ND		5.0	1.1	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
Vinyl chloride	ND		5.0	0.61	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1
Xylenes, Total	ND		10	0.84	ug/Kg	☼	05/05/22 17:00	05/09/22 04:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*107*		*71 - 125*	*05/05/22 17:00*	*05/09/22 04:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 126*	*05/05/22 17:00*	*05/09/22 04:38*	*1*
4-Bromofluorobenzene (Surr)	*77*		*72 - 126*	*05/05/22 17:00*	*05/09/22 04:38*	*1*
Dibromofluoromethane (Surr)	*99*		*60 - 140*	*05/05/22 17:00*	*05/09/22 04:38*	*1*

Client Sample ID: SS06-050322-1455 — Lab Sample ID: 480-197643-15

Date Collected: 05/03/22 14:55 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 86.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8	0.42	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
1,1,2,2-Tetrachloroethane	ND	*3	5.8	0.94	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
1,1,2-Trichloroethane	ND		5.8	0.75	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.8	1.3	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
1,1-Dichloroethane	ND		5.8	0.71	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
1,1-Dichloroethene	ND		5.8	0.71	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
1,2,4-Trichlorobenzene	ND	*3	5.8	0.35	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
1,2-Dibromo-3-Chloropropane	ND	*3	5.8	2.9	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
1,2-Dichlorobenzene	ND	*3	5.8	0.45	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
1,2-Dichloroethane	ND		5.8	0.29	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
1,2-Dichloropropane	ND		5.8	2.9	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
1,3-Dichlorobenzene	ND	*3	5.8	0.30	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
1,4-Dichlorobenzene	ND	*3	5.8	0.81	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
2-Butanone (MEK)	ND		29	2.1	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
2-Hexanone	ND		29	2.9	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
4-Methyl-2-pentanone (MIBK)	ND		29	1.9	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
Acetone	ND		29	4.9	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
Benzene	**0.29**	**J**	5.8	0.28	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
Bromodichloromethane	ND		5.8	0.77	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
Bromoform	ND		5.8	2.9	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
Bromomethane	ND		5.8	0.52	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
Carbon disulfide	ND		5.8	2.9	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
Carbon tetrachloride	ND		5.8	0.56	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
Chlorobenzene	ND		5.8	0.76	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
Dibromochloromethane	ND		5.8	0.74	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
Chloroethane	ND		5.8	1.3	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1

Client Sample ID: SS06-050322-1455
Lab Sample ID: 480-197643-15

Date Collected: 05/03/22 14:55
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		5.8	0.36	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
Chloromethane	ND		5.8	0.35	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
cis-1,2-Dichloroethene	ND		5.8	0.74	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
cis-1,3-Dichloropropene	ND		5.8	0.83	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
Cyclohexane	ND		5.8	0.81	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
Dichlorodifluoromethane	ND		5.8	0.48	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
Ethylbenzene	ND		5.8	0.40	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
1,2-Dibromoethane	ND		5.8	0.74	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
Isopropylbenzene	ND	*3	5.8	0.87	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
Methyl acetate	ND		29	3.5	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
Methyl tert-butyl ether	ND		5.8	0.57	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
Methylcyclohexane	ND		5.8	0.88	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
Methylene Chloride	ND		5.8	2.7	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
Styrene	ND		5.8	0.29	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
Tetrachloroethene	ND		5.8	0.78	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
Toluene	**0.44**	**J**	5.8	0.44	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
trans-1,2-Dichloroethene	ND		5.8	0.60	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
trans-1,3-Dichloropropene	ND		5.8	2.5	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
Trichloroethene	ND		5.8	1.3	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
Trichlorofluoromethane	ND		5.8	0.55	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
Vinyl chloride	ND		5.8	0.71	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1
Xylenes, Total	ND		12	0.97	ug/Kg	☼	05/05/22 17:00	05/11/22 21:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*116*		*71 - 125*	*05/05/22 17:00*	*05/11/22 21:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 126*	*05/05/22 17:00*	*05/11/22 21:25*	*1*
4-Bromofluorobenzene (Surr)	*72*		*72 - 126*	*05/05/22 17:00*	*05/11/22 21:25*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*	*05/05/22 17:00*	*05/11/22 21:25*	*1*

Client Sample ID: SS07-050322-1505
Lab Sample ID: 480-197643-16

Date Collected: 05/03/22 15:05
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.1	0.37	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
1,1,2,2-Tetrachloroethane	ND	*3	5.1	0.82	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
1,1,2-Trichloroethane	ND		5.1	0.66	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.1	1.2	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
1,1-Dichloroethane	ND		5.1	0.62	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
1,1-Dichloroethene	ND		5.1	0.62	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
1,2,4-Trichlorobenzene	ND	*3	5.1	0.31	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
1,2-Dibromo-3-Chloropropane	ND	*3	5.1	2.5	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
1,2-Dichlorobenzene	ND	*3	5.1	0.40	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
1,2-Dichloroethane	ND		5.1	0.26	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
1,2-Dichloropropane	ND		5.1	2.5	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
1,3-Dichlorobenzene	ND	*3	5.1	0.26	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
1,4-Dichlorobenzene	ND	*3	5.1	0.71	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
2-Butanone (MEK)	ND		25	1.9	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
2-Hexanone	ND		25	2.5	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1

Client Sample ID: SS07-050322-1505
Lab Sample ID: 480-197643-16

Date Collected: 05/03/22 15:05
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 81.6

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		25	1.7	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
Acetone	ND		25	4.3	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
Benzene	ND		5.1	0.25	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
Bromodichloromethane	ND		5.1	0.68	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
Bromoform	ND		5.1	2.5	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
Bromomethane	ND		5.1	0.46	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
Carbon disulfide	ND		5.1	2.5	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
Carbon tetrachloride	ND		5.1	0.49	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
Chlorobenzene	ND		5.1	0.67	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
Dibromochloromethane	ND		5.1	0.65	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
Chloroethane	ND		5.1	1.1	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
Chloroform	ND		5.1	0.31	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
Chloromethane	ND		5.1	0.31	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
cis-1,2-Dichloroethene	ND		5.1	0.65	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
cis-1,3-Dichloropropene	ND		5.1	0.73	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
Cyclohexane	ND		5.1	0.71	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
Dichlorodifluoromethane	ND		5.1	0.42	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
Ethylbenzene	ND		5.1	0.35	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
1,2-Dibromoethane	ND		5.1	0.65	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
Isopropylbenzene	ND	*3	5.1	0.77	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
Methyl acetate	ND		25	3.1	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
Methyl tert-butyl ether	ND		5.1	0.50	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
Methylcyclohexane	ND		5.1	0.77	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
Methylene Chloride	ND		5.1	2.3	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
Styrene	ND		5.1	0.25	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
Tetrachloroethene	ND		5.1	0.68	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
Toluene	ND		5.1	0.38	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
trans-1,2-Dichloroethene	ND		5.1	0.52	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
trans-1,3-Dichloropropene	ND		5.1	2.2	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
Trichloroethene	ND		5.1	1.1	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
Trichlorofluoromethane	ND		5.1	0.48	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
Vinyl chloride	ND		5.1	0.62	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1
Xylenes, Total	ND		10	0.85	ug/Kg	☼	05/05/22 17:00	05/11/22 21:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*108*		*71 - 125*	*05/05/22 17:00*	*05/11/22 21:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 126*	*05/05/22 17:00*	*05/11/22 21:49*	*1*
4-Bromofluorobenzene (Surr)	*79*		*72 - 126*	*05/05/22 17:00*	*05/11/22 21:49*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*	*05/05/22 17:00*	*05/11/22 21:49*	*1*

Client Sample ID: SS07-050322-1510
Lab Sample ID: 480-197643-17

Date Collected: 05/03/22 15:10
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.5	0.33	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
1,1,2,2-Tetrachloroethane	ND		4.5	0.73	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
1,1,2-Trichloroethane	ND		4.5	0.58	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.5	1.0	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1

Client Sample ID: SS07-050322-1510
Lab Sample ID: 480-197643-17
Date Collected: 05/03/22 15:10
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		4.5	0.55	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
1,1-Dichloroethene	ND		4.5	0.55	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
1,2,4-Trichlorobenzene	ND		4.5	0.27	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
1,2-Dibromo-3-Chloropropane	ND		4.5	2.2	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
1,2-Dichlorobenzene	ND		4.5	0.35	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
1,2-Dichloroethane	ND		4.5	0.22	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
1,2-Dichloropropane	ND		4.5	2.2	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
1,3-Dichlorobenzene	ND		4.5	0.23	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
1,4-Dichlorobenzene	ND		4.5	0.63	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
2-Butanone (MEK)	ND		22	1.6	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
2-Hexanone	ND		22	2.2	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
4-Methyl-2-pentanone (MIBK)	ND		22	1.5	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
Acetone	ND		22	3.8	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
Benzene	ND		4.5	0.22	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
Bromodichloromethane	ND		4.5	0.60	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
Bromoform	ND		4.5	2.2	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
Bromomethane	ND		4.5	0.40	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
Carbon disulfide	ND		4.5	2.2	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
Carbon tetrachloride	ND		4.5	0.43	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
Chlorobenzene	ND		4.5	0.59	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
Dibromochloromethane	ND		4.5	0.57	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
Chloroethane	ND		4.5	1.0	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
Chloroform	ND		4.5	0.28	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
Chloromethane	ND		4.5	0.27	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
cis-1,2-Dichloroethene	ND		4.5	0.57	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
cis-1,3-Dichloropropene	ND		4.5	0.65	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
Cyclohexane	ND		4.5	0.63	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
Dichlorodifluoromethane	ND		4.5	0.37	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
Ethylbenzene	ND		4.5	0.31	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
1,2-Dibromoethane	ND		4.5	0.58	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
Isopropylbenzene	ND		4.5	0.68	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
Methyl acetate	ND		22	2.7	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
Methyl tert-butyl ether	ND		4.5	0.44	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
Methylcyclohexane	ND		4.5	0.68	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
Methylene Chloride	ND		4.5	2.1	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
Styrene	ND		4.5	0.22	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
Tetrachloroethene	ND		4.5	0.60	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
Toluene	ND		4.5	0.34	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
trans-1,2-Dichloroethene	ND		4.5	0.46	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
trans-1,3-Dichloropropene	ND		4.5	2.0	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
Trichloroethene	ND		4.5	0.99	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
Trichlorofluoromethane	ND		4.5	0.42	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
Vinyl chloride	ND		4.5	0.55	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1
Xylenes, Total	ND		9.0	0.75	ug/Kg	☼	05/05/22 17:00	05/10/22 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*106*		*71 - 125*	*05/05/22 17:00*	*05/10/22 00:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 126*	*05/05/22 17:00*	*05/10/22 00:04*	*1*
4-Bromofluorobenzene (Surr)	*77*		*72 - 126*	*05/05/22 17:00*	*05/10/22 00:04*	*1*
Dibromofluoromethane (Surr)	*99*		*60 - 140*	*05/05/22 17:00*	*05/10/22 00:04*	*1*

Client: GHD Services Inc.
Job ID: 480-197643-1
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Client Sample ID: SS08-050322-1520
Lab Sample ID: 480-197643-18
Date Collected: 05/03/22 15:20
Matrix: Solid
Date Received: 05/05/22 12:30
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	ND		5.1	0.37	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
1,1,2,2-Tetrachloroethane	ND		5.1	0.82	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
1,1,2-Trichloroethane	ND		5.1	0.66	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.1	1.2	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
1,1-Dichloroethane	ND		5.1	0.62	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
1,1-Dichloroethene	ND		5.1	0.62	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
1,2,4-Trichlorobenzene	ND		5.1	0.31	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
1,2-Dibromo-3-Chloropropane	ND		5.1	2.5	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
1,2-Dichlorobenzene	ND		5.1	0.40	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
1,2-Dichloroethane	ND		5.1	0.25	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
1,2-Dichloropropane	ND		5.1	2.5	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
1,3-Dichlorobenzene	ND		5.1	0.26	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
1,4-Dichlorobenzene	ND		5.1	0.71	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
2-Butanone (MEK)	ND		25	1.9	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
2-Hexanone	ND		25	2.5	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.7	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
Acetone	ND		25	4.3	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
Benzene	ND		5.1	0.25	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
Bromodichloromethane	ND		5.1	0.68	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
Bromoform	ND		5.1	2.5	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
Bromomethane	ND		5.1	0.46	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
Carbon disulfide	ND		5.1	2.5	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
Carbon tetrachloride	ND		5.1	0.49	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
Chlorobenzene	ND		5.1	0.67	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
Dibromochloromethane	ND		5.1	0.65	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
Chloroethane	ND		5.1	1.1	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
Chloroform	ND		5.1	0.31	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
Chloromethane	ND		5.1	0.31	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
cis-1,2-Dichloroethene	ND		5.1	0.65	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
cis-1,3-Dichloropropene	ND		5.1	0.73	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
Cyclohexane	ND		5.1	0.71	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
Dichlorodifluoromethane	ND		5.1	0.42	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
Ethylbenzene	ND		5.1	0.35	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
1,2-Dibromoethane	ND		5.1	0.65	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
Isopropylbenzene	ND		5.1	0.76	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
Methyl acetate	ND		25	3.1	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
Methyl tert-butyl ether	ND		5.1	0.50	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
Methylcyclohexane	ND		5.1	0.77	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
Methylene Chloride	ND		5.1	2.3	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
Styrene	ND		5.1	0.25	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
Tetrachloroethene	ND		5.1	0.68	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
Toluene	ND		5.1	0.38	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
trans-1,2-Dichloroethene	ND		5.1	0.52	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
trans-1,3-Dichloropropene	ND		5.1	2.2	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
Trichloroethene	ND		5.1	1.1	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
Trichlorofluoromethane	ND		5.1	0.48	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
Vinyl chloride	ND		5.1	0.62	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1
Xylenes, Total	ND		10	0.85	ug/Kg	☼	05/05/22 17:00	05/11/22 22:13	1

Client Sample ID: SS08-050322-1520 — Lab Sample ID: 480-197643-18

Date Collected: 05/03/22 15:20 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 83.0**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	106		71 - 125	05/05/22 17:00	05/11/22 22:13	1
1,2-Dichloroethane-d4 (Surr)	100		64 - 126	05/05/22 17:00	05/11/22 22:13	1
4-Bromofluorobenzene (Surr)	83		72 - 126	05/05/22 17:00	05/11/22 22:13	1
Dibromofluoromethane (Surr)	101		60 - 140	05/05/22 17:00	05/11/22 22:13	1

Client Sample ID: SS09-050322-1530 — Lab Sample ID: 480-197643-19

Date Collected: 05/03/22 15:30 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 83.4**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.2	0.45	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
1,1,2,2-Tetrachloroethane	ND	*3	6.2	1.0	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
1,1,2-Trichloroethane	ND		6.2	0.81	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.2	1.4	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
1,1-Dichloroethane	ND		6.2	0.76	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
1,1-Dichloroethene	ND		6.2	0.76	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
1,2,4-Trichlorobenzene	ND	*3	6.2	0.38	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
1,2-Dibromo-3-Chloropropane	ND	*3	6.2	3.1	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
1,2-Dichlorobenzene	ND	*3	6.2	0.49	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
1,2-Dichloroethane	ND		6.2	0.31	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
1,2-Dichloropropane	ND		6.2	3.1	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
1,3-Dichlorobenzene	ND	*3	6.2	0.32	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
1,4-Dichlorobenzene	ND	*3	6.2	0.87	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
2-Butanone (MEK)	ND		31	2.3	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
2-Hexanone	ND		31	3.1	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
4-Methyl-2-pentanone (MIBK)	ND		31	2.0	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
Acetone	ND		31	5.3	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
Benzene	ND		6.2	0.31	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
Bromodichloromethane	ND		6.2	0.84	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
Bromoform	ND		6.2	3.1	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
Bromomethane	ND		6.2	0.56	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
Carbon disulfide	ND		6.2	3.1	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
Carbon tetrachloride	ND		6.2	0.60	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
Chlorobenzene	ND		6.2	0.82	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
Dibromochloromethane	ND		6.2	0.80	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
Chloroethane	ND		6.2	1.4	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
Chloroform	ND		6.2	0.39	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
Chloromethane	ND		6.2	0.38	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
cis-1,2-Dichloroethene	ND		6.2	0.80	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
cis-1,3-Dichloropropene	ND		6.2	0.90	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
Cyclohexane	ND		6.2	0.87	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
Dichlorodifluoromethane	ND		6.2	0.52	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
Ethylbenzene	ND		6.2	0.43	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
1,2-Dibromoethane	ND		6.2	0.80	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
Isopropylbenzene	ND	*3	6.2	0.94	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
Methyl acetate	ND		31	3.8	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
Methyl tert-butyl ether	ND		6.2	0.61	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
Methylcyclohexane	ND		6.2	0.95	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
Methylene Chloride	ND		6.2	2.9	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1

Client Sample ID: SS09-050322-1530 — Lab Sample ID: 480-197643-19

Date Collected: 05/03/22 15:30 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 83.4**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		6.2	0.31	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
Tetrachloroethene	ND		6.2	0.84	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
Toluene	ND		6.2	0.47	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
trans-1,2-Dichloroethene	ND		6.2	0.64	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
trans-1,3-Dichloropropene	ND		6.2	2.7	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
Trichloroethene	ND		6.2	1.4	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
Trichlorofluoromethane	ND		6.2	0.59	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
Vinyl chloride	ND		6.2	0.76	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1
Xylenes, Total	ND		12	1.0	ug/Kg	☼	05/05/22 17:00	05/11/22 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*110*		*71 - 125*	*05/05/22 17:00*	*05/11/22 22:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*64 - 126*	*05/05/22 17:00*	*05/11/22 22:37*	*1*
4-Bromofluorobenzene (Surr)	*78*		*72 - 126*	*05/05/22 17:00*	*05/11/22 22:37*	*1*
Dibromofluoromethane (Surr)	*99*		*60 - 140*	*05/05/22 17:00*	*05/11/22 22:37*	*1*

Client Sample ID: COMP-050322-1545 — Lab Sample ID: 480-197643-20

Date Collected: 05/03/22 15:45 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 80.1**

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1000	150	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
bis (2-chloroisopropyl) ether	ND		1000	210	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
2,4,5-Trichlorophenol	ND		1000	280	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
2,4,6-Trichlorophenol	ND		1000	210	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
2,4-Dichlorophenol	ND		1000	110	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
2,4-Dimethylphenol	ND		1000	250	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
2,4-Dinitrophenol	ND		10000	4800	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
2,4-Dinitrotoluene	ND		1000	220	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
2,6-Dinitrotoluene	ND		1000	120	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
2-Chloronaphthalene	ND		1000	170	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
2-Chlorophenol	ND		2000	190	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
2-Methylphenol	ND		1000	120	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
2-Methylnaphthalene	ND		1000	210	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
2-Nitroaniline	ND		2000	150	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
2-Nitrophenol	ND		1000	300	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
3,3'-Dichlorobenzidine	ND		2000	1200	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
3-Nitroaniline	ND		2000	290	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
4,6-Dinitro-2-methylphenol	ND		2000	1000	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
4-Bromophenyl phenyl ether	ND		1000	150	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
4-Chloro-3-methylphenol	ND		1000	260	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
4-Chloroaniline	ND		1000	260	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
4-Chlorophenyl phenyl ether	ND		1000	130	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
4-Methylphenol	ND		2000	120	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
4-Nitroaniline	ND		2000	550	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
4-Nitrophenol	ND		2000	730	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Acenaphthene	ND		1000	150	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Acenaphthylene	ND		1000	140	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Acetophenone	ND		1000	140	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5

Client Sample ID: COMP-050322-1545 **Lab Sample ID: 480-197643-20**
Date Collected: 05/03/22 15:45 **Matrix: Solid**
Date Received: 05/05/22 12:30 **Percent Solids: 80.1**

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		1000	260	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Atrazine	ND		1000	360	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Benzaldehyde	ND		1000	830	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Benzo[a]anthracene	**590**	**J**	1000	100	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Benzo[a]pyrene	**650**	**J**	1000	150	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Benzo[b]fluoranthene	**800**	**J**	1000	170	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Benzo[g,h,i]perylene	**530**	**J**	1000	110	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Benzo[k]fluoranthene	**410**	**J**	1000	140	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Bis(2-chloroethoxy)methane	ND		1000	220	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Bis(2-chloroethyl)ether	ND		1000	140	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Bis(2-ethylhexyl) phthalate	ND		1000	360	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Butyl benzyl phthalate	ND		1000	170	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Caprolactam	ND		1000	310	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Carbazole	ND		1000	120	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Chrysene	**690**	**J**	1000	230	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Dibenz(a,h)anthracene	ND		1000	180	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Di-n-butyl phthalate	**220**	**J**	1000	180	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Di-n-octyl phthalate	ND		1000	120	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Dibenzofuran	ND		1000	120	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Diethyl phthalate	ND		1000	140	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Dimethyl phthalate	ND		1000	120	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Fluoranthene	**1600**		1000	110	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Fluorene	ND		1000	120	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Hexachlorobenzene	ND		1000	140	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Hexachlorobutadiene	ND		1000	150	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Hexachlorocyclopentadiene	ND		1000	140	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Hexachloroethane	ND		1000	140	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Indeno[1,2,3-cd]pyrene	**450**	**J**	1000	130	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Isophorone	ND		1000	220	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
N-Nitrosodi-n-propylamine	ND		1000	180	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
N-Nitrosodiphenylamine	ND		1000	850	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Naphthalene	ND		1000	140	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Nitrobenzene	ND		1000	120	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Pentachlorophenol	ND		2000	1000	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Phenanthrene	**740**	**J**	1000	150	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Phenol	ND		1000	160	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5
Pyrene	**1200**		1000	120	ug/Kg	☼	05/09/22 16:07	05/10/22 15:09	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*90*		*53 - 120*	*05/09/22 16:07*	*05/10/22 15:09*	*5*
Phenol-d5 (Surr)	*89*		*54 - 120*	*05/09/22 16:07*	*05/10/22 15:09*	*5*
p-Terphenyl-d14 (Surr)	*97*		*79 - 130*	*05/09/22 16:07*	*05/10/22 15:09*	*5*
2,4,6-Tribromophenol (Surr)	*66*		*54 - 120*	*05/09/22 16:07*	*05/10/22 15:09*	*5*
2-Fluorobiphenyl (Surr)	*91*		*60 - 120*	*05/09/22 16:07*	*05/10/22 15:09*	*5*
2-Fluorophenol (Surr)	*82*		*52 - 120*	*05/09/22 16:07*	*05/10/22 15:09*	*5*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		41	8.0	ug/Kg	☼	05/11/22 15:28	05/12/22 14:40	20
4,4'-DDE	ND		41	8.6	ug/Kg	☼	05/11/22 15:28	05/12/22 14:40	20

Client Sample ID: COMP-050322-1545
Lab Sample ID: 480-197643-20
Date Collected: 05/03/22 15:45
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 80.1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	ND		41	9.6	ug/Kg	☼	05/11/22 15:28	05/12/22 14:40	20
Aldrin	ND		41	10	ug/Kg	☼	05/11/22 15:28	05/12/22 14:40	20
alpha-BHC	ND		41	7.4	ug/Kg	☼	05/11/22 15:28	05/12/22 14:40	20
cis-Chlordane	ND		41	20	ug/Kg	☼	05/11/22 15:28	05/12/22 14:40	20
beta-BHC	ND		41	7.4	ug/Kg	☼	05/11/22 15:28	05/12/22 14:40	20
delta-BHC	ND		41	7.6	ug/Kg	☼	05/11/22 15:28	05/12/22 14:40	20
Dieldrin	ND		41	9.8	ug/Kg	☼	05/11/22 15:28	05/12/22 14:40	20
Endosulfan I	ND		41	7.9	ug/Kg	☼	05/11/22 15:28	05/12/22 14:40	20
Endosulfan II	ND		41	7.4	ug/Kg	☼	05/11/22 15:28	05/12/22 14:40	20
Endosulfan sulfate	ND		41	7.7	ug/Kg	☼	05/11/22 15:28	05/12/22 14:40	20
Endrin	ND		41	8.1	ug/Kg	☼	05/11/22 15:28	05/12/22 14:40	20
Endrin aldehyde	ND		41	10	ug/Kg	☼	05/11/22 15:28	05/12/22 14:40	20
Endrin ketone	ND		41	10	ug/Kg	☼	05/11/22 15:28	05/12/22 14:40	20
gamma-BHC (Lindane)	ND		41	7.5	ug/Kg	☼	05/11/22 15:28	05/12/22 14:40	20
trans-Chlordane	ND		41	13	ug/Kg	☼	05/11/22 15:28	05/12/22 14:40	20
Heptachlor	ND		41	8.9	ug/Kg	☼	05/11/22 15:28	05/12/22 14:40	20
Heptachlor epoxide	ND		41	11	ug/Kg	☼	05/11/22 15:28	05/12/22 14:40	20
Methoxychlor	ND		41	8.4	ug/Kg	☼	05/11/22 15:28	05/12/22 14:40	20
Toxaphene	ND		410	240	ug/Kg	☼	05/11/22 15:28	05/12/22 14:40	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*	*05/11/22 15:28*	*05/12/22 14:40*	*20*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*05/11/22 15:28*	*05/12/22 14:40*	*20*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.28	0.054	mg/Kg	☼	05/10/22 15:44	05/12/22 01:50	1
PCB-1221	ND		0.28	0.054	mg/Kg	☼	05/10/22 15:44	05/12/22 01:50	1
PCB-1232	ND		0.28	0.054	mg/Kg	☼	05/10/22 15:44	05/12/22 01:50	1
PCB-1242	ND		0.28	0.054	mg/Kg	☼	05/10/22 15:44	05/12/22 01:50	1
PCB-1248	ND		0.28	0.054	mg/Kg	☼	05/10/22 15:44	05/12/22 01:50	1
PCB-1254	ND		0.28	0.13	mg/Kg	☼	05/10/22 15:44	05/12/22 01:50	1
PCB-1260	ND		0.28	0.13	mg/Kg	☼	05/10/22 15:44	05/12/22 01:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*94*		*60 - 154*	*05/10/22 15:44*	*05/12/22 01:50*	*1*
DCB Decachlorobiphenyl	*80*		*65 - 174*	*05/10/22 15:44*	*05/12/22 01:50*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**19100**		12.2	5.4	mg/Kg	☼	05/10/22 15:03	05/14/22 17:47	1
Antimony	**2.8**	**J**	18.2	0.49	mg/Kg	☼	05/10/22 15:03	05/14/22 17:47	1
Arsenic	**5.0**		2.4	0.49	mg/Kg	☼	05/10/22 15:03	05/14/22 17:47	1
Barium	**97.1**		0.61	0.13	mg/Kg	☼	05/10/22 15:03	05/14/22 17:47	1
Beryllium	**0.78**		0.24	0.034	mg/Kg	☼	05/10/22 15:03	05/14/22 17:47	1
Cadmium	**0.24**		0.24	0.036	mg/Kg	☼	05/10/22 15:03	05/14/22 17:47	1
Calcium	**12300**	**B**	60.8	4.0	mg/Kg	☼	05/10/22 15:03	05/14/22 17:47	1
Chromium	**23.9**		0.61	0.24	mg/Kg	☼	05/10/22 15:03	05/14/22 17:47	1
Cobalt	**9.4**		0.61	0.061	mg/Kg	☼	05/10/22 15:03	05/14/22 17:47	1
Copper	**16.2**		1.2	0.26	mg/Kg	☼	05/10/22 15:03	05/14/22 17:47	1

Client Sample ID: COMP-050322-1545 — Lab Sample ID: 480-197643-20

Date Collected: 05/03/22 15:45 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 80.1**

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	21600	B	12.2	4.3	mg/Kg	☼	05/10/22 15:03	05/14/22 17:47	1
Lead	24.8		1.2	0.29	mg/Kg	☼	05/10/22 15:03	05/14/22 17:47	1
Magnesium	8350	B	24.3	1.1	mg/Kg	☼	05/10/22 15:03	05/14/22 17:47	1
Manganese	561	B	0.24	0.039	mg/Kg	☼	05/10/22 15:03	05/14/22 17:47	1
Nickel	18.7		6.1	0.28	mg/Kg	☼	05/10/22 15:03	05/14/22 17:47	1
Potassium	3880		36.5	24.3	mg/Kg	☼	05/10/22 15:03	05/14/22 17:47	1
Selenium	2.1	J	4.9	0.49	mg/Kg	☼	05/10/22 15:03	05/14/22 17:47	1
Silver	0.27	J	0.73	0.24	mg/Kg	☼	05/10/22 15:03	05/14/22 17:47	1
Sodium	138	J B	170	15.8	mg/Kg	☼	05/10/22 15:03	05/14/22 17:47	1
Thallium	ND		7.3	0.36	mg/Kg	☼	05/10/22 15:03	05/14/22 17:47	1
Vanadium	39.2		0.61	0.13	mg/Kg	☼	05/10/22 15:03	05/14/22 17:47	1
Zinc	78.7		2.4	0.78	mg/Kg	☼	05/10/22 15:03	05/14/22 17:47	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12		0.024	0.0056	mg/Kg	☼	05/13/22 09:50	05/13/22 13:30	1

Client Sample ID: COMP-050322-1550 — Lab Sample ID: 480-197643-21

Date Collected: 05/03/22 15:50 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 83.2**

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		2000	290	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
bis (2-chloroisopropyl) ether	ND		2000	400	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
2,4,5-Trichlorophenol	ND		2000	540	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
2,4,6-Trichlorophenol	ND		2000	400	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
2,4-Dichlorophenol	ND		2000	210	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
2,4-Dimethylphenol	ND		2000	480	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
2,4-Dinitrophenol	ND		20000	9200	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
2,4-Dinitrotoluene	ND		2000	410	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
2,6-Dinitrotoluene	ND		2000	240	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
2-Chloronaphthalene	ND		2000	330	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
2-Chlorophenol	ND		3900	360	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
2-Methylphenol	ND		2000	240	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
2-Methylnaphthalene	ND		2000	400	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
2-Nitroaniline	ND		3900	290	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
2-Nitrophenol	ND		2000	560	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
3,3'-Dichlorobenzidine	ND		3900	2400	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
3-Nitroaniline	ND		3900	550	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
4,6-Dinitro-2-methylphenol	ND		3900	2000	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
4-Bromophenyl phenyl ether	ND		2000	280	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
4-Chloro-3-methylphenol	ND		2000	490	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
4-Chloroaniline	ND		2000	490	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
4-Chlorophenyl phenyl ether	ND		2000	250	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
4-Methylphenol	ND		3900	240	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
4-Nitroaniline	ND		3900	1000	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
4-Nitrophenol	ND		3900	1400	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Acenaphthene	ND		2000	290	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Acenaphthylene	ND		2000	260	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10

Client: GHD Services Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Job ID: 480-197643-1

Client Sample ID: COMP-050322-1550
Date Collected: 05/03/22 15:50
Date Received: 05/05/22 12:30

Lab Sample ID: 480-197643-21
Matrix: Solid
Percent Solids: 83.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND		2000	270	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Anthracene	ND		2000	490	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Atrazine	ND		2000	690	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Benzaldehyde	ND		2000	1600	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Benzo[a]anthracene	**980**	**J**	2000	200	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Benzo[a]pyrene	**980**	**J**	2000	290	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Benzo[b]fluoranthene	**1300**	**J**	2000	320	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Benzo[g,h,i]perylene	**770**	**J**	2000	210	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Benzo[k]fluoranthene	**440**	**J**	2000	260	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Bis(2-chloroethoxy)methane	ND		2000	420	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Bis(2-chloroethyl)ether	ND		2000	260	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Bis(2-ethylhexyl) phthalate	ND		2000	680	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Butyl benzyl phthalate	ND		2000	330	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Caprolactam	ND		2000	600	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Carbazole	ND		2000	240	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Chrysene	**1000**	**J**	2000	450	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Dibenz(a,h)anthracene	ND		2000	350	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Di-n-butyl phthalate	ND		2000	340	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Di-n-octyl phthalate	ND		2000	240	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Dibenzofuran	ND		2000	240	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Diethyl phthalate	ND		2000	260	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Dimethyl phthalate	ND		2000	240	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Fluoranthene	**2700**		2000	210	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Fluorene	ND		2000	240	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Hexachlorobenzene	ND		2000	270	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Hexachlorobutadiene	ND		2000	290	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Hexachlorocyclopentadiene	ND		2000	270	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Hexachloroethane	ND		2000	260	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Indeno[1,2,3-cd]pyrene	**700**	**J**	2000	250	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Isophorone	ND		2000	420	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
N-Nitrosodi-n-propylamine	ND		2000	340	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
N-Nitrosodiphenylamine	ND		2000	1600	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Naphthalene	ND		2000	260	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Nitrobenzene	ND		2000	220	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Pentachlorophenol	ND		3900	2000	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Phenanthrene	**1500**	**J**	2000	290	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Phenol	ND		2000	310	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10
Pyrene	**1900**	**J**	2000	240	ug/Kg	☼	05/09/22 16:07	05/10/22 15:33	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*88*		*53 - 120*	*05/09/22 16:07*	*05/10/22 15:33*	*10*
Phenol-d5 (Surr)	*84*		*54 - 120*	*05/09/22 16:07*	*05/10/22 15:33*	*10*
p-Terphenyl-d14 (Surr)	*94*		*79 - 130*	*05/09/22 16:07*	*05/10/22 15:33*	*10*
2,4,6-Tribromophenol (Surr)	*78*		*54 - 120*	*05/09/22 16:07*	*05/10/22 15:33*	*10*
2-Fluorobiphenyl (Surr)	*90*		*60 - 120*	*05/09/22 16:07*	*05/10/22 15:33*	*10*
2-Fluorophenol (Surr)	*86*		*52 - 120*	*05/09/22 16:07*	*05/10/22 15:33*	*10*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		39	7.6	ug/Kg	☼	05/11/22 15:28	05/12/22 15:00	20

Client: GHD Services Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Job ID: 480-197643-1

Client Sample ID: COMP-050322-1550
Date Collected: 05/03/22 15:50
Date Received: 05/05/22 12:30

Lab Sample ID: 480-197643-21
Matrix: Solid
Percent Solids: 83.2

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDE	ND		39	8.3	ug/Kg	☼	05/11/22 15:28	05/12/22 15:00	20
4,4'-DDT	ND		39	9.2	ug/Kg	☼	05/11/22 15:28	05/12/22 15:00	20
Aldrin	ND		39	9.7	ug/Kg	☼	05/11/22 15:28	05/12/22 15:00	20
alpha-BHC	ND		39	7.1	ug/Kg	☼	05/11/22 15:28	05/12/22 15:00	20
cis-Chlordane	ND		39	20	ug/Kg	☼	05/11/22 15:28	05/12/22 15:00	20
beta-BHC	ND		39	7.1	ug/Kg	☼	05/11/22 15:28	05/12/22 15:00	20
delta-BHC	ND		39	7.3	ug/Kg	☼	05/11/22 15:28	05/12/22 15:00	20
Dieldrin	ND		39	9.4	ug/Kg	☼	05/11/22 15:28	05/12/22 15:00	20
Endosulfan I	ND		39	7.6	ug/Kg	☼	05/11/22 15:28	05/12/22 15:00	20
Endosulfan II	ND		39	7.1	ug/Kg	☼	05/11/22 15:28	05/12/22 15:00	20
Endosulfan sulfate	ND		39	7.3	ug/Kg	☼	05/11/22 15:28	05/12/22 15:00	20
Endrin	ND		39	7.8	ug/Kg	☼	05/11/22 15:28	05/12/22 15:00	20
Endrin aldehyde	ND		39	10	ug/Kg	☼	05/11/22 15:28	05/12/22 15:00	20
Endrin ketone	ND		39	9.7	ug/Kg	☼	05/11/22 15:28	05/12/22 15:00	20
gamma-BHC (Lindane)	ND		39	7.2	ug/Kg	☼	05/11/22 15:28	05/12/22 15:00	20
trans-Chlordane	ND		39	13	ug/Kg	☼	05/11/22 15:28	05/12/22 15:00	20
Heptachlor	ND		39	8.5	ug/Kg	☼	05/11/22 15:28	05/12/22 15:00	20
Heptachlor epoxide	ND		39	10	ug/Kg	☼	05/11/22 15:28	05/12/22 15:00	20
Methoxychlor	ND		39	8.0	ug/Kg	☼	05/11/22 15:28	05/12/22 15:00	20
Toxaphene	ND		390	230	ug/Kg	☼	05/11/22 15:28	05/12/22 15:00	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*	*05/11/22 15:28*	*05/12/22 15:00*	*20*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*05/11/22 15:28*	*05/12/22 15:00*	*20*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.21	0.041	mg/Kg	☼	05/10/22 15:44	05/12/22 02:03	1
PCB-1221	ND		0.21	0.041	mg/Kg	☼	05/10/22 15:44	05/12/22 02:03	1
PCB-1232	ND		0.21	0.041	mg/Kg	☼	05/10/22 15:44	05/12/22 02:03	1
PCB-1242	ND		0.21	0.041	mg/Kg	☼	05/10/22 15:44	05/12/22 02:03	1
PCB-1248	ND		0.21	0.041	mg/Kg	☼	05/10/22 15:44	05/12/22 02:03	1
PCB-1254	ND		0.21	0.099	mg/Kg	☼	05/10/22 15:44	05/12/22 02:03	1
PCB-1260	ND		0.21	0.099	mg/Kg	☼	05/10/22 15:44	05/12/22 02:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*103*		*60 - 154*	*05/10/22 15:44*	*05/12/22 02:03*	*1*
DCB Decachlorobiphenyl	*84*		*65 - 174*	*05/10/22 15:44*	*05/12/22 02:03*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**15900**		11.5	5.1	mg/Kg	☼	05/10/22 15:03	05/14/22 17:51	1
Antimony	**2.7**	**J**	17.2	0.46	mg/Kg	☼	05/10/22 15:03	05/14/22 17:51	1
Arsenic	**4.3**		2.3	0.46	mg/Kg	☼	05/10/22 15:03	05/14/22 17:51	1
Barium	**76.9**		0.57	0.13	mg/Kg	☼	05/10/22 15:03	05/14/22 17:51	1
Beryllium	**0.66**		0.23	0.032	mg/Kg	☼	05/10/22 15:03	05/14/22 17:51	1
Cadmium	**0.25**		0.23	0.034	mg/Kg	☼	05/10/22 15:03	05/14/22 17:51	1
Calcium	**19100**	**B**	57.4	3.8	mg/Kg	☼	05/10/22 15:03	05/14/22 17:51	1
Chromium	**19.9**		0.57	0.23	mg/Kg	☼	05/10/22 15:03	05/14/22 17:51	1
Cobalt	**8.0**		0.57	0.057	mg/Kg	☼	05/10/22 15:03	05/14/22 17:51	1

Client Sample ID: COMP-050322-1550 — Lab Sample ID: 480-197643-21

Date Collected: 05/03/22 15:50 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 83.2**

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	21.3		1.1	0.24	mg/Kg	☼	05/10/22 15:03	05/14/22 17:51	1
Iron	18200	B	11.5	4.0	mg/Kg	☼	05/10/22 15:03	05/14/22 17:51	1
Lead	24.1		1.1	0.28	mg/Kg	☼	05/10/22 15:03	05/14/22 17:51	1
Magnesium	10000	B	23.0	1.1	mg/Kg	☼	05/10/22 15:03	05/14/22 17:51	1
Manganese	476	B	0.23	0.037	mg/Kg	☼	05/10/22 15:03	05/14/22 17:51	1
Nickel	17.1		5.7	0.26	mg/Kg	☼	05/10/22 15:03	05/14/22 17:51	1
Potassium	3250		34.4	23.0	mg/Kg	☼	05/10/22 15:03	05/14/22 17:51	1
Selenium	1.7	J	4.6	0.46	mg/Kg	☼	05/10/22 15:03	05/14/22 17:51	1
Silver	ND		0.69	0.23	mg/Kg	☼	05/10/22 15:03	05/14/22 17:51	1
Sodium	154	J B	161	14.9	mg/Kg	☼	05/10/22 15:03	05/14/22 17:51	1
Thallium	ND		6.9	0.34	mg/Kg	☼	05/10/22 15:03	05/14/22 17:51	1
Vanadium	33.8		0.57	0.13	mg/Kg	☼	05/10/22 15:03	05/14/22 17:51	1
Zinc	97.2		2.3	0.73	mg/Kg	☼	05/10/22 15:03	05/14/22 17:51	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.094		0.023	0.0052	mg/Kg	☼	05/13/22 09:50	05/13/22 13:32	1

Client Sample ID: SS10-050422-0900 — Lab Sample ID: 480-197643-22

Date Collected: 05/04/22 09:00 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 79.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	0.40	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
1,1,2,2-Tetrachloroethane	ND	*3	5.6	0.90	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
1,1,2-Trichloroethane	ND		5.6	0.72	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	1.3	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
1,1-Dichloroethane	ND		5.6	0.68	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
1,1-Dichloroethene	ND		5.6	0.68	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
1,2,4-Trichlorobenzene	ND	*3	5.6	0.34	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
1,2-Dibromo-3-Chloropropane	ND	*3	5.6	2.8	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
1,2-Dichlorobenzene	ND	*3	5.6	0.43	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
1,2-Dichloroethane	ND		5.6	0.28	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
1,2-Dichloropropane	ND		5.6	2.8	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
1,3-Dichlorobenzene	ND	*3	5.6	0.29	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
1,4-Dichlorobenzene	ND	*3	5.6	0.78	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
2-Butanone (MEK)	ND		28	2.0	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
2-Hexanone	ND		28	2.8	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
4-Methyl-2-pentanone (MIBK)	ND		28	1.8	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
Acetone	ND		28	4.7	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
Benzene	ND		5.6	0.27	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
Bromodichloromethane	ND		5.6	0.75	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
Bromoform	ND		5.6	2.8	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
Bromomethane	ND		5.6	0.50	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
Carbon disulfide	ND		5.6	2.8	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
Carbon tetrachloride	ND		5.6	0.54	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
Chlorobenzene	ND		5.6	0.73	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
Dibromochloromethane	ND		5.6	0.71	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
Chloroethane	ND		5.6	1.3	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1

Client: GHD Services Inc.
Job ID: 480-197643-1
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Client Sample ID: SS10-050422-0900
Lab Sample ID: 480-197643-22
Date Collected: 05/04/22 09:00
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 79.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		5.6	0.34	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
Chloromethane	ND		5.6	0.34	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
cis-1,2-Dichloroethene	ND		5.6	0.71	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
cis-1,3-Dichloropropene	ND		5.6	0.80	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
Cyclohexane	ND		5.6	0.78	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
Dichlorodifluoromethane	ND		5.6	0.46	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
Ethylbenzene	ND		5.6	0.38	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
1,2-Dibromoethane	ND		5.6	0.71	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
Isopropylbenzene	ND	*3	5.6	0.84	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
Methyl acetate	ND		28	3.4	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
Methyl tert-butyl ether	ND		5.6	0.55	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
Methylcyclohexane	ND		5.6	0.85	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
Methylene Chloride	ND		5.6	2.6	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
Styrene	ND		5.6	0.28	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
Tetrachloroethene	ND		5.6	0.75	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
Toluene	ND		5.6	0.42	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
trans-1,2-Dichloroethene	ND		5.6	0.57	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
trans-1,3-Dichloropropene	ND		5.6	2.4	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
Trichloroethene	ND		5.6	1.2	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
Trichlorofluoromethane	ND		5.6	0.53	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
Vinyl chloride	ND		5.6	0.68	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1
Xylenes, Total	ND		11	0.93	ug/Kg	☼	05/05/22 17:00	05/11/22 23:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*108*		*71 - 125*	*05/05/22 17:00*	*05/11/22 23:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 126*	*05/05/22 17:00*	*05/11/22 23:02*	*1*
4-Bromofluorobenzene (Surr)	*79*		*72 - 126*	*05/05/22 17:00*	*05/11/22 23:02*	*1*
Dibromofluoromethane (Surr)	*100*		*60 - 140*	*05/05/22 17:00*	*05/11/22 23:02*	*1*

Client Sample ID: SS10-050422-0905
Lab Sample ID: 480-197643-23
Date Collected: 05/04/22 09:05
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
2-Hexanone	ND		25	2.5	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1

Client Sample ID: SS10-050422-0905
Lab Sample ID: 480-197643-23

Date Collected: 05/04/22 09:05
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 86.5

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		25	1.6	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
Acetone	ND		25	4.2	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
Benzene	ND		5.0	0.24	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
Bromoform	ND		5.0	2.5	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
Bromomethane	ND		5.0	0.45	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
Carbon disulfide	ND		5.0	2.5	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
Chlorobenzene	ND		5.0	0.66	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
Chloroethane	ND		5.0	1.1	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
Chloroform	ND		5.0	0.31	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
Chloromethane	ND		5.0	0.30	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
Cyclohexane	ND		5.0	0.70	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
Ethylbenzene	ND		5.0	0.34	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
Methyl acetate	ND		25	3.0	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
Methylene Chloride	ND		5.0	2.3	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
Styrene	ND		5.0	0.25	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
Toluene	ND		5.0	0.38	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
trans-1,2-Dichloroethene	ND		5.0	0.51	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
Trichloroethene	ND		5.0	1.1	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
Vinyl chloride	ND		5.0	0.61	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1
Xylenes, Total	ND		10	0.84	ug/Kg	☼	05/05/22 17:00	05/10/22 01:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*71 - 125*	*05/05/22 17:00*	*05/10/22 01:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*	*05/05/22 17:00*	*05/10/22 01:41*	*1*
4-Bromofluorobenzene (Surr)	*81*		*72 - 126*	*05/05/22 17:00*	*05/10/22 01:41*	*1*
Dibromofluoromethane (Surr)	*100*		*60 - 140*	*05/05/22 17:00*	*05/10/22 01:41*	*1*

Client Sample ID: SS11-050422-0910
Lab Sample ID: 480-197643-24

Date Collected: 05/04/22 09:10
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 76.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.7	0.34	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
1,1,2,2-Tetrachloroethane	ND		4.7	0.76	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
1,1,2-Trichloroethane	ND		4.7	0.61	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.7	1.1	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1

Client Sample ID: SS11-050422-0910
Lab Sample ID: 480-197643-24
Date Collected: 05/04/22 09:10
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 76.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		4.7	0.57	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
1,1-Dichloroethene	ND		4.7	0.57	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
1,2,4-Trichlorobenzene	ND		4.7	0.28	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
1,2-Dibromo-3-Chloropropane	ND		4.7	2.3	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
1,2-Dichlorobenzene	ND		4.7	0.37	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
1,2-Dichloroethane	ND		4.7	0.23	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
1,2-Dichloropropane	ND		4.7	2.3	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
1,3-Dichlorobenzene	ND		4.7	0.24	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
1,4-Dichlorobenzene	ND		4.7	0.66	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
2-Butanone (MEK)	ND		23	1.7	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
2-Hexanone	ND		23	2.3	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
4-Methyl-2-pentanone (MIBK)	ND		23	1.5	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
Acetone	ND		23	3.9	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
Benzene	ND		4.7	0.23	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
Bromodichloromethane	ND		4.7	0.63	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
Bromoform	ND		4.7	2.3	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
Bromomethane	ND		4.7	0.42	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
Carbon disulfide	ND		4.7	2.3	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
Carbon tetrachloride	ND		4.7	0.45	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
Chlorobenzene	ND		4.7	0.62	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
Dibromochloromethane	ND		4.7	0.60	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
Chloroethane	ND		4.7	1.1	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
Chloroform	ND		4.7	0.29	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
Chloromethane	ND		4.7	0.28	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
cis-1,2-Dichloroethene	ND		4.7	0.60	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
cis-1,3-Dichloropropene	ND		4.7	0.67	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
Cyclohexane	ND		4.7	0.66	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
Dichlorodifluoromethane	ND		4.7	0.39	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
Ethylbenzene	ND		4.7	0.32	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
1,2-Dibromoethane	ND		4.7	0.60	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
Isopropylbenzene	ND		4.7	0.71	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
Methyl acetate	ND		23	2.8	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
Methyl tert-butyl ether	ND		4.7	0.46	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
Methylcyclohexane	ND		4.7	0.71	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
Methylene Chloride	ND		4.7	2.2	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
Styrene	ND		4.7	0.23	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
Tetrachloroethene	ND		4.7	0.63	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
Toluene	ND		4.7	0.35	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
trans-1,2-Dichloroethene	ND		4.7	0.48	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
trans-1,3-Dichloropropene	ND		4.7	2.1	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
Trichloroethene	ND		4.7	1.0	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
Trichlorofluoromethane	ND		4.7	0.44	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
Vinyl chloride	ND		4.7	0.57	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1
Xylenes, Total	ND		9.4	0.79	ug/Kg	☼	05/05/22 17:00	05/10/22 02:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*71 - 125*	*05/05/22 17:00*	*05/10/22 02:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*64 - 126*	*05/05/22 17:00*	*05/10/22 02:05*	*1*
4-Bromofluorobenzene (Surr)	*80*		*72 - 126*	*05/05/22 17:00*	*05/10/22 02:05*	*1*
Dibromofluoromethane (Surr)	*99*		*60 - 140*	*05/05/22 17:00*	*05/10/22 02:05*	*1*

Client: GHD Services Inc.
Job ID: 480-197643-1
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Client Sample ID: SS11-050422-0915
Lab Sample ID: 480-197643-25
Date Collected: 05/04/22 09:15
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 85.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.5	0.33	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
1,1,2,2-Tetrachloroethane	ND		4.5	0.73	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
1,1,2-Trichloroethane	ND		4.5	0.59	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.5	1.0	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
1,1-Dichloroethane	ND		4.5	0.55	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
1,1-Dichloroethene	ND		4.5	0.55	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
1,2,4-Trichlorobenzene	ND		4.5	0.28	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
1,2-Dibromo-3-Chloropropane	ND		4.5	2.3	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
1,2-Dichlorobenzene	ND		4.5	0.35	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
1,2-Dichloroethane	ND		4.5	0.23	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
1,2-Dichloropropane	ND		4.5	2.3	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
1,3-Dichlorobenzene	ND		4.5	0.23	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
1,4-Dichlorobenzene	ND		4.5	0.63	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
2-Butanone (MEK)	ND		23	1.7	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
2-Hexanone	ND		23	2.3	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
4-Methyl-2-pentanone (MIBK)	ND		23	1.5	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
Acetone	**5.0**	**J**	23	3.8	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
Benzene	ND		4.5	0.22	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
Bromodichloromethane	ND		4.5	0.61	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
Bromoform	ND		4.5	2.3	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
Bromomethane	ND		4.5	0.41	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
Carbon disulfide	ND		4.5	2.3	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
Carbon tetrachloride	ND		4.5	0.44	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
Chlorobenzene	ND		4.5	0.60	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
Dibromochloromethane	ND		4.5	0.58	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
Chloroethane	ND		4.5	1.0	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
Chloroform	ND		4.5	0.28	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
Chloromethane	ND		4.5	0.27	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
cis-1,2-Dichloroethene	ND		4.5	0.58	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
cis-1,3-Dichloropropene	ND		4.5	0.65	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
Cyclohexane	ND		4.5	0.63	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
Dichlorodifluoromethane	ND		4.5	0.37	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
Ethylbenzene	ND		4.5	0.31	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
1,2-Dibromoethane	ND		4.5	0.58	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
Isopropylbenzene	ND		4.5	0.68	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
Methyl acetate	ND		23	2.7	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
Methyl tert-butyl ether	ND		4.5	0.44	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
Methylcyclohexane	ND		4.5	0.69	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
Methylene Chloride	ND		4.5	2.1	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
Styrene	ND		4.5	0.23	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
Tetrachloroethene	ND		4.5	0.61	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
Toluene	ND		4.5	0.34	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
trans-1,2-Dichloroethene	ND		4.5	0.47	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
trans-1,3-Dichloropropene	ND		4.5	2.0	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
Trichloroethene	ND		4.5	1.0	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
Trichlorofluoromethane	ND		4.5	0.43	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
Vinyl chloride	ND		4.5	0.55	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1
Xylenes, Total	ND		9.0	0.76	ug/Kg	☼	05/05/22 17:00	05/10/22 02:29	1

Client Sample ID: SS11-050422-0915 — Lab Sample ID: 480-197643-25

Date Collected: 05/04/22 09:15 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 85.0**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*95*		*71 - 125*	*05/05/22 17:00*	*05/10/22 02:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 126*	*05/05/22 17:00*	*05/10/22 02:29*	*1*
4-Bromofluorobenzene (Surr)	*91*		*72 - 126*	*05/05/22 17:00*	*05/10/22 02:29*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*05/05/22 17:00*	*05/10/22 02:29*	*1*

Client Sample ID: COMP-050422-0930 — Lab Sample ID: 480-197643-26

Date Collected: 05/04/22 09:30 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 76.5**

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		220	32	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
bis (2-chloroisopropyl) ether	ND		220	43	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
2,4,5-Trichlorophenol	ND		220	59	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
2,4,6-Trichlorophenol	ND		220	43	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
2,4-Dichlorophenol	ND		220	23	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
2,4-Dimethylphenol	ND		220	52	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
2,4-Dinitrophenol	ND		2100	1000	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
2,4-Dinitrotoluene	ND		220	45	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
2,6-Dinitrotoluene	ND		220	26	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
2-Chloronaphthalene	ND		220	36	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
2-Chlorophenol	ND		420	40	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
2-Methylphenol	ND		220	26	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
2-Methylnaphthalene	ND		220	43	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
2-Nitroaniline	ND		420	32	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
2-Nitrophenol	ND		220	61	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
3,3'-Dichlorobenzidine	ND		420	260	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
3-Nitroaniline	ND		420	60	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
4,6-Dinitro-2-methylphenol	ND		420	220	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
4-Bromophenyl phenyl ether	ND		220	31	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
4-Chloro-3-methylphenol	ND		220	54	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
4-Chloroaniline	ND		220	54	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
4-Chlorophenyl phenyl ether	ND		220	27	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
4-Methylphenol	ND		420	26	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
4-Nitroaniline	ND		420	110	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
4-Nitrophenol	ND		420	150	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Acenaphthene	ND		220	32	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Acenaphthylene	ND		220	28	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Acetophenone	ND		220	29	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Anthracene	ND		220	54	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Atrazine	ND		220	75	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Benzaldehyde	ND		220	170	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Benzo[a]anthracene	**170**	**J**	220	22	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Benzo[a]pyrene	**210**	**J**	220	32	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Benzo[b]fluoranthene	**270**		220	34	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Benzo[g,h,i]perylene	**170**	**J**	220	23	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Benzo[k]fluoranthene	**110**	**J**	220	28	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Bis(2-chloroethoxy)methane	ND		220	46	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Bis(2-chloroethyl)ether	ND		220	28	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Bis(2-ethylhexyl) phthalate	ND		220	74	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1

Client Sample ID: COMP-050422-0930
Lab Sample ID: 480-197643-26
Date Collected: 05/04/22 09:30
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 76.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	ND		220	36	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Caprolactam	ND		220	65	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Carbazole	ND		220	26	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Chrysene	**200**	**J**	220	49	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Dibenz(a,h)anthracene	**38**	**J**	220	38	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Di-n-butyl phthalate	**48**	**J**	220	37	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Di-n-octyl phthalate	ND		220	26	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Dibenzofuran	ND		220	26	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Diethyl phthalate	ND		220	28	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Dimethyl phthalate	ND		220	26	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Fluoranthene	**350**		220	23	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Fluorene	ND		220	26	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Hexachlorobenzene	ND		220	29	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Hexachlorobutadiene	ND		220	32	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Hexachlorocyclopentadiene	ND		220	29	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Hexachloroethane	ND		220	28	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Indeno[1,2,3-cd]pyrene	**150**	**J**	220	27	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Isophorone	ND		220	46	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
N-Nitrosodi-n-propylamine	ND		220	37	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
N-Nitrosodiphenylamine	ND		220	180	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Naphthalene	ND		220	28	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Nitrobenzene	ND		220	24	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Pentachlorophenol	ND		420	220	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Phenanthrene	**150**	**J**	220	32	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Phenol	ND		220	33	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1
Pyrene	**320**		220	26	ug/Kg	☼	05/09/22 16:07	05/10/22 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*80*		*53 - 120*	*05/09/22 16:07*	*05/10/22 15:57*	*1*
Phenol-d5 (Surr)	*84*		*54 - 120*	*05/09/22 16:07*	*05/10/22 15:57*	*1*
p-Terphenyl-d14 (Surr)	*96*		*79 - 130*	*05/09/22 16:07*	*05/10/22 15:57*	*1*
2,4,6-Tribromophenol (Surr)	*88*		*54 - 120*	*05/09/22 16:07*	*05/10/22 15:57*	*1*
2-Fluorobiphenyl (Surr)	*85*		*60 - 120*	*05/09/22 16:07*	*05/10/22 15:57*	*1*
2-Fluorophenol (Surr)	*78*		*52 - 120*	*05/09/22 16:07*	*05/10/22 15:57*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		11	2.1	ug/Kg	☼	05/11/22 15:28	05/12/22 15:20	5
4,4'-DDE	**21**		11	2.2	ug/Kg	☼	05/11/22 15:28	05/12/22 15:20	5
4,4'-DDT	**9.0**	**J**	11	2.5	ug/Kg	☼	05/11/22 15:28	05/12/22 15:20	5
Aldrin	ND		11	2.6	ug/Kg	☼	05/11/22 15:28	05/12/22 15:20	5
alpha-BHC	ND		11	1.9	ug/Kg	☼	05/11/22 15:28	05/12/22 15:20	5
cis-Chlordane	ND		11	5.3	ug/Kg	☼	05/11/22 15:28	05/12/22 15:20	5
beta-BHC	ND		11	1.9	ug/Kg	☼	05/11/22 15:28	05/12/22 15:20	5
delta-BHC	ND		11	2.0	ug/Kg	☼	05/11/22 15:28	05/12/22 15:20	5
Dieldrin	ND		11	2.5	ug/Kg	☼	05/11/22 15:28	05/12/22 15:20	5
Endosulfan I	ND		11	2.0	ug/Kg	☼	05/11/22 15:28	05/12/22 15:20	5
Endosulfan II	ND		11	1.9	ug/Kg	☼	05/11/22 15:28	05/12/22 15:20	5
Endosulfan sulfate	ND		11	2.0	ug/Kg	☼	05/11/22 15:28	05/12/22 15:20	5
Endrin	ND		11	2.1	ug/Kg	☼	05/11/22 15:28	05/12/22 15:20	5

Client Sample ID: COMP-050422-0930 Lab Sample ID: 480-197643-26

Date Collected: 05/04/22 09:30 **Matrix: Solid**
Date Received: 05/05/22 12:30 **Percent Solids: 76.5**

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		11	2.7	ug/Kg	☼	05/11/22 15:28	05/12/22 15:20	5
Endrin ketone	ND		11	2.6	ug/Kg	☼	05/11/22 15:28	05/12/22 15:20	5
gamma-BHC (Lindane)	ND		11	1.9	ug/Kg	☼	05/11/22 15:28	05/12/22 15:20	5
trans-Chlordane	ND		11	3.4	ug/Kg	☼	05/11/22 15:28	05/12/22 15:20	5
Heptachlor	ND		11	2.3	ug/Kg	☼	05/11/22 15:28	05/12/22 15:20	5
Heptachlor epoxide	ND		11	2.7	ug/Kg	☼	05/11/22 15:28	05/12/22 15:20	5
Methoxychlor	ND		11	2.2	ug/Kg	☼	05/11/22 15:28	05/12/22 15:20	5
Toxaphene	ND		110	62	ug/Kg	☼	05/11/22 15:28	05/12/22 15:20	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*79*		*45 - 120*	*05/11/22 15:28*	*05/12/22 15:20*	*5*
Tetrachloro-m-xylene	*63*		*30 - 124*	*05/11/22 15:28*	*05/12/22 15:20*	*5*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.26	0.050	mg/Kg	☼	05/10/22 15:44	05/12/22 02:16	1
PCB-1221	ND		0.26	0.050	mg/Kg	☼	05/10/22 15:44	05/12/22 02:16	1
PCB-1232	ND		0.26	0.050	mg/Kg	☼	05/10/22 15:44	05/12/22 02:16	1
PCB-1242	ND		0.26	0.050	mg/Kg	☼	05/10/22 15:44	05/12/22 02:16	1
PCB-1248	**0.12**	**J**	0.26	0.050	mg/Kg	☼	05/10/22 15:44	05/12/22 02:16	1
PCB-1254	ND		0.26	0.12	mg/Kg	☼	05/10/22 15:44	05/12/22 02:16	1
PCB-1260	ND		0.26	0.12	mg/Kg	☼	05/10/22 15:44	05/12/22 02:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*108*		*60 - 154*	*05/10/22 15:44*	*05/12/22 02:16*	*1*
DCB Decachlorobiphenyl	*90*		*65 - 174*	*05/10/22 15:44*	*05/12/22 02:16*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**13000**		12.8	5.6	mg/Kg	☼	05/10/22 15:03	05/14/22 17:55	1
Antimony	**2.7**	**J**	19.2	0.51	mg/Kg	☼	05/10/22 15:03	05/14/22 17:55	1
Arsenic	**6.7**		2.6	0.51	mg/Kg	☼	05/10/22 15:03	05/14/22 17:55	1
Barium	**75.3**		0.64	0.14	mg/Kg	☼	05/10/22 15:03	05/14/22 17:55	1
Beryllium	**0.56**		0.26	0.036	mg/Kg	☼	05/10/22 15:03	05/14/22 17:55	1
Cadmium	**0.34**		0.26	0.038	mg/Kg	☼	05/10/22 15:03	05/14/22 17:55	1
Calcium	**7880**	**B**	63.9	4.2	mg/Kg	☼	05/10/22 15:03	05/14/22 17:55	1
Chromium	**18.6**		0.64	0.26	mg/Kg	☼	05/10/22 15:03	05/14/22 17:55	1
Cobalt	**7.0**		0.64	0.064	mg/Kg	☼	05/10/22 15:03	05/14/22 17:55	1
Copper	**43.4**		1.3	0.27	mg/Kg	☼	05/10/22 15:03	05/14/22 17:55	1
Iron	**16900**	**B**	12.8	4.5	mg/Kg	☼	05/10/22 15:03	05/14/22 17:55	1
Lead	**42.1**		1.3	0.31	mg/Kg	☼	05/10/22 15:03	05/14/22 17:55	1
Magnesium	**4680**	**B**	25.6	1.2	mg/Kg	☼	05/10/22 15:03	05/14/22 17:55	1
Manganese	**565**	**B**	0.26	0.041	mg/Kg	☼	05/10/22 15:03	05/14/22 17:55	1
Nickel	**14.4**		6.4	0.29	mg/Kg	☼	05/10/22 15:03	05/14/22 17:55	1
Potassium	**2500**		38.3	25.6	mg/Kg	☼	05/10/22 15:03	05/14/22 17:55	1
Selenium	**1.2**	**J**	5.1	0.51	mg/Kg	☼	05/10/22 15:03	05/14/22 17:55	1
Silver	**0.54**	**J**	0.77	0.26	mg/Kg	☼	05/10/22 15:03	05/14/22 17:55	1
Sodium	**105**	**J B**	179	16.6	mg/Kg	☼	05/10/22 15:03	05/14/22 17:55	1
Thallium	ND		7.7	0.38	mg/Kg	☼	05/10/22 15:03	05/14/22 17:55	1
Vanadium	**27.9**		0.64	0.14	mg/Kg	☼	05/10/22 15:03	05/14/22 17:55	1

Client Sample ID: COMP-050422-0930 — Lab Sample ID: 480-197643-26

Date Collected: 05/04/22 09:30 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 76.5**

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	138		2.6	0.82	mg/Kg	☼	05/10/22 15:03	05/14/22 17:55	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.68		0.026	0.0061	mg/Kg	☼	05/13/22 09:50	05/13/22 13:33	1

Client Sample ID: COMP-050422-0940 — Lab Sample ID: 480-197643-27

Date Collected: 05/05/22 09:40 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 73.9**

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		230	33	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
bis (2-chloroisopropyl) ether	ND		230	45	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
2,4,5-Trichlorophenol	ND		230	61	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
2,4,6-Trichlorophenol	ND		230	45	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
2,4-Dichlorophenol	ND		230	24	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
2,4-Dimethylphenol	ND		230	55	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
2,4-Dinitrophenol	ND		2200	1000	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
2,4-Dinitrotoluene	ND		230	47	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
2,6-Dinitrotoluene	ND		230	27	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
2-Chloronaphthalene	ND		230	37	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
2-Chlorophenol	ND		440	41	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
2-Methylphenol	ND		230	27	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
2-Methylnaphthalene	ND		230	45	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
2-Nitroaniline	ND		440	33	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
2-Nitrophenol	ND		230	64	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
3,3'-Dichlorobenzidine	ND		440	270	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
3-Nitroaniline	ND		440	63	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
4,6-Dinitro-2-methylphenol	ND		440	230	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
4-Bromophenyl phenyl ether	ND		230	32	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
4-Chloro-3-methylphenol	ND		230	56	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
4-Chloroaniline	ND		230	56	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
4-Chlorophenyl phenyl ether	ND		230	28	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
4-Methylphenol	ND		440	27	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
4-Nitroaniline	ND		440	120	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
4-Nitrophenol	ND		440	160	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Acenaphthene	ND		230	33	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Acenaphthylene	ND		230	29	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Acetophenone	ND		230	31	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Anthracene	ND		230	56	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Atrazine	ND		230	79	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Benzaldehyde	ND		230	180	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Benzo[a]anthracene	84	J	230	23	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Benzo[a]pyrene	92	J	230	33	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Benzo[b]fluoranthene	120	J	230	36	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Benzo[g,h,i]perylene	59	J	230	24	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Benzo[k]fluoranthene	51	J	230	29	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Bis(2-chloroethoxy)methane	ND		230	48	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Bis(2-chloroethyl)ether	ND		230	29	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1

Client Sample ID: COMP-050422-0940
Date Collected: 05/05/22 09:40
Date Received: 05/05/22 12:30

Lab Sample ID: 480-197643-27
Matrix: Solid
Percent Solids: 73.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		230	77	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Butyl benzyl phthalate	ND		230	37	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Caprolactam	ND		230	68	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Carbazole	ND		230	27	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Chrysene	**88**	**J**	230	51	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Dibenz(a,h)anthracene	ND		230	40	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Di-n-butyl phthalate	ND		230	39	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Di-n-octyl phthalate	ND		230	27	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Dibenzofuran	ND		230	27	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Diethyl phthalate	ND		230	29	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Dimethyl phthalate	ND		230	27	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Fluoranthene	**190**	**J**	230	24	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Fluorene	ND		230	27	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Hexachlorobenzene	ND		230	31	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Hexachlorobutadiene	ND		230	33	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Hexachlorocyclopentadiene	ND		230	31	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Hexachloroethane	ND		230	29	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Indeno[1,2,3-cd]pyrene	**53**	**J**	230	28	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Isophorone	ND		230	48	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
N-Nitrosodi-n-propylamine	ND		230	39	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
N-Nitrosodiphenylamine	ND		230	180	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Naphthalene	ND		230	29	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Nitrobenzene	ND		230	25	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Pentachlorophenol	ND		440	230	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Phenanthrene	**96**	**J**	230	33	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Phenol	ND		230	35	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1
Pyrene	**180**	**J**	230	27	ug/Kg	☼	05/09/22 16:07	05/10/22 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*84*		*53 - 120*	*05/09/22 16:07*	*05/10/22 13:56*	*1*
Phenol-d5 (Surr)	*86*		*54 - 120*	*05/09/22 16:07*	*05/10/22 13:56*	*1*
p-Terphenyl-d14 (Surr)	*109*		*79 - 130*	*05/09/22 16:07*	*05/10/22 13:56*	*1*
2,4,6-Tribromophenol (Surr)	*82*		*54 - 120*	*05/09/22 16:07*	*05/10/22 13:56*	*1*
2-Fluorobiphenyl (Surr)	*90*		*60 - 120*	*05/09/22 16:07*	*05/10/22 13:56*	*1*
2-Fluorophenol (Surr)	*82*		*52 - 120*	*05/09/22 16:07*	*05/10/22 13:56*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		2.2	0.43	ug/Kg	☼	05/11/22 15:28	05/12/22 13:41	1
4,4'-DDE	**9.3**		2.2	0.47	ug/Kg	☼	05/11/22 15:28	05/12/22 13:41	1
4,4'-DDT	**2.1**	**J**	2.2	0.52	ug/Kg	☼	05/11/22 15:28	05/12/22 13:41	1
Aldrin	ND		2.2	0.55	ug/Kg	☼	05/11/22 15:28	05/12/22 13:41	1
alpha-BHC	ND		2.2	0.40	ug/Kg	☼	05/11/22 15:28	05/12/22 13:41	1
cis-Chlordane	ND		2.2	1.1	ug/Kg	☼	05/11/22 15:28	05/12/22 13:41	1
beta-BHC	ND		2.2	0.40	ug/Kg	☼	05/11/22 15:28	05/12/22 13:41	1
delta-BHC	ND		2.2	0.41	ug/Kg	☼	05/11/22 15:28	05/12/22 13:41	1
Dieldrin	ND		2.2	0.53	ug/Kg	☼	05/11/22 15:28	05/12/22 13:41	1
Endosulfan I	ND		2.2	0.43	ug/Kg	☼	05/11/22 15:28	05/12/22 13:41	1
Endosulfan II	ND		2.2	0.40	ug/Kg	☼	05/11/22 15:28	05/12/22 13:41	1
Endosulfan sulfate	ND		2.2	0.42	ug/Kg	☼	05/11/22 15:28	05/12/22 13:41	1

Client Sample ID: COMP-050422-0940
Lab Sample ID: 480-197643-27
Date Collected: 05/05/22 09:40
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 73.9

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin	ND		2.2	0.44	ug/Kg	☼	05/11/22 15:28	05/12/22 13:41	1
Endrin aldehyde	ND		2.2	0.57	ug/Kg	☼	05/11/22 15:28	05/12/22 13:41	1
Endrin ketone	ND		2.2	0.55	ug/Kg	☼	05/11/22 15:28	05/12/22 13:41	1
gamma-BHC (Lindane)	ND		2.2	0.41	ug/Kg	☼	05/11/22 15:28	05/12/22 13:41	1
trans-Chlordane	ND		2.2	0.71	ug/Kg	☼	05/11/22 15:28	05/12/22 13:41	1
Heptachlor	ND		2.2	0.48	ug/Kg	☼	05/11/22 15:28	05/12/22 13:41	1
Heptachlor epoxide	ND		2.2	0.58	ug/Kg	☼	05/11/22 15:28	05/12/22 13:41	1
Methoxychlor	ND		2.2	0.45	ug/Kg	☼	05/11/22 15:28	05/12/22 13:41	1
Toxaphene	ND		22	13	ug/Kg	☼	05/11/22 15:28	05/12/22 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*86*		*45 - 120*	*05/11/22 15:28*	*05/12/22 13:41*	*1*
Tetrachloro-m-xylene	*69*		*30 - 124*	*05/11/22 15:28*	*05/12/22 13:41*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24	0.047	mg/Kg	☼	05/10/22 15:44	05/12/22 01:09	1
PCB-1221	ND		0.24	0.047	mg/Kg	☼	05/10/22 15:44	05/12/22 01:09	1
PCB-1232	ND		0.24	0.047	mg/Kg	☼	05/10/22 15:44	05/12/22 01:09	1
PCB-1242	ND		0.24	0.047	mg/Kg	☼	05/10/22 15:44	05/12/22 01:09	1
PCB-1248	ND		0.24	0.047	mg/Kg	☼	05/10/22 15:44	05/12/22 01:09	1
PCB-1254	ND		0.24	0.11	mg/Kg	☼	05/10/22 15:44	05/12/22 01:09	1
PCB-1260	ND		0.24	0.11	mg/Kg	☼	05/10/22 15:44	05/12/22 01:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*87*		*60 - 154*	*05/10/22 15:44*	*05/12/22 01:09*	*1*
DCB Decachlorobiphenyl	*79*		*65 - 174*	*05/10/22 15:44*	*05/12/22 01:09*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**15500**		13.9	6.1	mg/Kg	☼	05/10/22 15:03	05/14/22 17:59	1
Antimony	**2.5**	**J F1**	20.8	0.55	mg/Kg	☼	05/10/22 15:03	05/14/22 17:59	1
Arsenic	**5.3**		2.8	0.55	mg/Kg	☼	05/10/22 15:03	05/14/22 17:59	1
Barium	**86.4**	**F1**	0.69	0.15	mg/Kg	☼	05/10/22 15:03	05/14/22 17:59	1
Beryllium	**0.64**		0.28	0.039	mg/Kg	☼	05/10/22 15:03	05/14/22 17:59	1
Cadmium	**0.30**		0.28	0.042	mg/Kg	☼	05/10/22 15:03	05/14/22 17:59	1
Calcium	**12900**	**B F2**	69.3	4.6	mg/Kg	☼	05/10/22 15:03	05/14/22 17:59	1
Chromium	**25.6**		0.69	0.28	mg/Kg	☼	05/10/22 15:03	05/14/22 17:59	1
Cobalt	**7.4**		0.69	0.069	mg/Kg	☼	05/10/22 15:03	05/14/22 17:59	1
Copper	**46.9**	**F1**	1.4	0.29	mg/Kg	☼	05/10/22 15:03	05/14/22 17:59	1
Iron	**18100**	**B**	13.9	4.9	mg/Kg	☼	05/10/22 15:03	05/14/22 17:59	1
Lead	**23.8**		1.4	0.33	mg/Kg	☼	05/10/22 15:03	05/14/22 17:59	1
Magnesium	**7830**	**B F1**	27.7	1.3	mg/Kg	☼	05/10/22 15:03	05/14/22 17:59	1
Manganese	**623**	**B**	0.28	0.044	mg/Kg	☼	05/10/22 15:03	05/14/22 17:59	1
Nickel	**15.8**		6.9	0.32	mg/Kg	☼	05/10/22 15:03	05/14/22 17:59	1
Potassium	**2980**	**F1**	41.6	27.7	mg/Kg	☼	05/10/22 15:03	05/14/22 17:59	1
Selenium	**1.9**	**J**	5.5	0.55	mg/Kg	☼	05/10/22 15:03	05/14/22 17:59	1
Silver	ND		0.83	0.28	mg/Kg	☼	05/10/22 15:03	05/14/22 17:59	1
Sodium	**130**	**J B**	194	18.0	mg/Kg	☼	05/10/22 15:03	05/14/22 17:59	1
Thallium	ND		8.3	0.42	mg/Kg	☼	05/10/22 15:03	05/14/22 17:59	1

Client Sample ID: COMP-050422-0940 — Lab Sample ID: 480-197643-27

Date Collected: 05/05/22 09:40 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 73.9**

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	30.8		0.69	0.15	mg/Kg	☼	05/10/22 15:03	05/14/22 17:59	1
Zinc	106	F1	2.8	0.89	mg/Kg	☼	05/10/22 15:03	05/14/22 17:59	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.37	F1	0.027	0.0062	mg/Kg	☼	05/13/22 09:50	05/13/22 13:34	1

Client Sample ID: 4125-050422-0001 — Lab Sample ID: 480-197643-28

Date Collected: 05/04/22 00:00 — **Matrix: Water**
Date Received: 05/05/22 12:30

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			05/12/22 23:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/12/22 23:23	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/12/22 23:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/12/22 23:23	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/12/22 23:23	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/12/22 23:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/12/22 23:23	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/12/22 23:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/12/22 23:23	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/12/22 23:23	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/12/22 23:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/12/22 23:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/12/22 23:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/12/22 23:23	1
2-Hexanone	ND		5.0	1.2	ug/L			05/12/22 23:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/12/22 23:23	1
Acetone	ND		10	3.0	ug/L			05/12/22 23:23	1
Benzene	ND		1.0	0.41	ug/L			05/12/22 23:23	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/12/22 23:23	1
Bromoform	ND		1.0	0.26	ug/L			05/12/22 23:23	1
Bromomethane	ND		1.0	0.69	ug/L			05/12/22 23:23	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/12/22 23:23	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/12/22 23:23	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/12/22 23:23	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/12/22 23:23	1
Chloroethane	ND		1.0	0.32	ug/L			05/12/22 23:23	1
Chloroform	ND		1.0	0.34	ug/L			05/12/22 23:23	1
Chloromethane	ND		1.0	0.35	ug/L			05/12/22 23:23	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/12/22 23:23	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/12/22 23:23	1
Cyclohexane	ND		1.0	0.18	ug/L			05/12/22 23:23	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/12/22 23:23	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/12/22 23:23	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/12/22 23:23	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/12/22 23:23	1
Methyl acetate	ND		2.5	1.3	ug/L			05/12/22 23:23	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/12/22 23:23	1

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Lab Sample ID: 480-197643-28
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	ND		1.0	0.16	ug/L			05/12/22 23:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/12/22 23:23	1
Styrene	ND		1.0	0.73	ug/L			05/12/22 23:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/12/22 23:23	1
Toluene	ND		1.0	0.51	ug/L			05/12/22 23:23	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/12/22 23:23	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/12/22 23:23	1
Trichloroethene	ND		1.0	0.46	ug/L			05/12/22 23:23	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/12/22 23:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/12/22 23:23	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/12/22 23:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/12/22 23:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*05/12/22 23:23*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*05/12/22 23:23*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*05/12/22 23:23*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		05/10/22 09:26	05/13/22 21:06	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		05/10/22 09:26	05/13/22 21:06	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		05/10/22 09:26	05/13/22 21:06	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		05/10/22 09:26	05/13/22 21:06	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		05/10/22 09:26	05/13/22 21:06	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		05/10/22 09:26	05/13/22 21:06	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		05/10/22 09:26	05/13/22 21:06	1
2,4-Dinitrotoluene	ND	*+	5.0	0.45	ug/L		05/10/22 09:26	05/13/22 21:06	1
2,6-Dinitrotoluene	ND	*+	5.0	0.40	ug/L		05/10/22 09:26	05/13/22 21:06	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		05/10/22 09:26	05/13/22 21:06	1
2-Chlorophenol	ND		5.0	0.53	ug/L		05/10/22 09:26	05/13/22 21:06	1
2-Methylphenol	ND		5.0	0.40	ug/L		05/10/22 09:26	05/13/22 21:06	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		05/10/22 09:26	05/13/22 21:06	1
2-Nitroaniline	ND		10	0.42	ug/L		05/10/22 09:26	05/13/22 21:06	1
2-Nitrophenol	ND		5.0	0.48	ug/L		05/10/22 09:26	05/13/22 21:06	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		05/10/22 09:26	05/13/22 21:06	1
3-Nitroaniline	ND		10	0.48	ug/L		05/10/22 09:26	05/13/22 21:06	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		05/10/22 09:26	05/13/22 21:06	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		05/10/22 09:26	05/13/22 21:06	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		05/10/22 09:26	05/13/22 21:06	1
4-Chloroaniline	ND		5.0	0.59	ug/L		05/10/22 09:26	05/13/22 21:06	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		05/10/22 09:26	05/13/22 21:06	1
4-Methylphenol	ND		10	0.36	ug/L		05/10/22 09:26	05/13/22 21:06	1
4-Nitroaniline	ND	*+	10	0.25	ug/L		05/10/22 09:26	05/13/22 21:06	1
4-Nitrophenol	ND		10	1.5	ug/L		05/10/22 09:26	05/13/22 21:06	1
Acenaphthene	ND		5.0	0.41	ug/L		05/10/22 09:26	05/13/22 21:06	1
Acenaphthylene	ND		5.0	0.38	ug/L		05/10/22 09:26	05/13/22 21:06	1
Acetophenone	ND		5.0	0.54	ug/L		05/10/22 09:26	05/13/22 21:06	1
Anthracene	ND		5.0	0.28	ug/L		05/10/22 09:26	05/13/22 21:06	1
Atrazine	ND		5.0	0.46	ug/L		05/10/22 09:26	05/13/22 21:06	1

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Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	ND		5.0	0.27	ug/L		05/10/22 09:26	05/13/22 21:06	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		05/10/22 09:26	05/13/22 21:06	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		05/10/22 09:26	05/13/22 21:06	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		05/10/22 09:26	05/13/22 21:06	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		05/10/22 09:26	05/13/22 21:06	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		05/10/22 09:26	05/13/22 21:06	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		05/10/22 09:26	05/13/22 21:06	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		05/10/22 09:26	05/13/22 21:06	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		05/10/22 09:26	05/13/22 21:06	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		05/10/22 09:26	05/13/22 21:06	1
Caprolactam	ND		5.0	2.2	ug/L		05/10/22 09:26	05/13/22 21:06	1
Carbazole	ND	*+	5.0	0.30	ug/L		05/10/22 09:26	05/13/22 21:06	1
Chrysene	ND		5.0	0.33	ug/L		05/10/22 09:26	05/13/22 21:06	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/10/22 09:26	05/13/22 21:06	1
Di-n-butyl phthalate	**0.39**	**J B**	5.0	0.31	ug/L		05/10/22 09:26	05/13/22 21:06	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		05/10/22 09:26	05/13/22 21:06	1
Dibenzofuran	ND		10	0.51	ug/L		05/10/22 09:26	05/13/22 21:06	1
Diethyl phthalate	ND		5.0	0.22	ug/L		05/10/22 09:26	05/13/22 21:06	1
Dimethyl phthalate	ND	*+	5.0	0.36	ug/L		05/10/22 09:26	05/13/22 21:06	1
Fluoranthene	ND		5.0	0.40	ug/L		05/10/22 09:26	05/13/22 21:06	1
Fluorene	ND		5.0	0.36	ug/L		05/10/22 09:26	05/13/22 21:06	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		05/10/22 09:26	05/13/22 21:06	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		05/10/22 09:26	05/13/22 21:06	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		05/10/22 09:26	05/13/22 21:06	1
Hexachloroethane	ND		5.0	0.59	ug/L		05/10/22 09:26	05/13/22 21:06	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		05/10/22 09:26	05/13/22 21:06	1
Isophorone	ND		5.0	0.43	ug/L		05/10/22 09:26	05/13/22 21:06	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		05/10/22 09:26	05/13/22 21:06	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		05/10/22 09:26	05/13/22 21:06	1
Naphthalene	ND		5.0	0.76	ug/L		05/10/22 09:26	05/13/22 21:06	1
Nitrobenzene	ND		5.0	0.29	ug/L		05/10/22 09:26	05/13/22 21:06	1
Pentachlorophenol	ND		10	2.2	ug/L		05/10/22 09:26	05/13/22 21:06	1
Phenanthrene	ND		5.0	0.44	ug/L		05/10/22 09:26	05/13/22 21:06	1
Phenol	ND		5.0	0.39	ug/L		05/10/22 09:26	05/13/22 21:06	1
Pyrene	ND		5.0	0.34	ug/L		05/10/22 09:26	05/13/22 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*93*		*46 - 120*	*05/10/22 09:26*	*05/13/22 21:06*	*1*
Phenol-d5 (Surr)	*49*		*22 - 120*	*05/10/22 09:26*	*05/13/22 21:06*	*1*
p-Terphenyl-d14 (Surr)	*111*		*60 - 148*	*05/10/22 09:26*	*05/13/22 21:06*	*1*
2,4,6-Tribromophenol (Surr)	*89*		*41 - 120*	*05/10/22 09:26*	*05/13/22 21:06*	*1*
2-Fluorobiphenyl (Surr)	*102*		*48 - 120*	*05/10/22 09:26*	*05/13/22 21:06*	*1*
2-Fluorophenol (Surr)	*70*		*35 - 120*	*05/10/22 09:26*	*05/13/22 21:06*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		05/10/22 07:00	05/11/22 10:29	1
4,4'-DDE	ND		0.050	0.012	ug/L		05/10/22 07:00	05/11/22 10:29	1
4,4'-DDT	ND		0.050	0.011	ug/L		05/10/22 07:00	05/11/22 10:29	1
Aldrin	ND		0.050	0.0081	ug/L		05/10/22 07:00	05/11/22 10:29	1

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Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	ND		0.050	0.0077	ug/L		05/10/22 07:00	05/11/22 10:29	1
cis-Chlordane	ND		0.050	0.015	ug/L		05/10/22 07:00	05/11/22 10:29	1
beta-BHC	ND		0.050	0.025	ug/L		05/10/22 07:00	05/11/22 10:29	1
delta-BHC	ND		0.050	0.010	ug/L		05/10/22 07:00	05/11/22 10:29	1
Dieldrin	ND		0.050	0.0098	ug/L		05/10/22 07:00	05/11/22 10:29	1
Endosulfan I	ND		0.050	0.011	ug/L		05/10/22 07:00	05/11/22 10:29	1
Endosulfan II	ND		0.050	0.012	ug/L		05/10/22 07:00	05/11/22 10:29	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		05/10/22 07:00	05/11/22 10:29	1
Endrin	ND		0.050	0.014	ug/L		05/10/22 07:00	05/11/22 10:29	1
Endrin aldehyde	ND		0.050	0.016	ug/L		05/10/22 07:00	05/11/22 10:29	1
Endrin ketone	ND		0.050	0.012	ug/L		05/10/22 07:00	05/11/22 10:29	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		05/10/22 07:00	05/11/22 10:29	1
trans-Chlordane	ND		0.050	0.011	ug/L		05/10/22 07:00	05/11/22 10:29	1
Heptachlor	ND		0.050	0.0085	ug/L		05/10/22 07:00	05/11/22 10:29	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		05/10/22 07:00	05/11/22 10:29	1
Methoxychlor	ND		0.050	0.014	ug/L		05/10/22 07:00	05/11/22 10:29	1
Toxaphene	ND		0.50	0.12	ug/L		05/10/22 07:00	05/11/22 10:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*62*		*20 - 120*	*05/10/22 07:00*	*05/11/22 10:29*	*1*
Tetrachloro-m-xylene	*78*		*44 - 120*	*05/10/22 07:00*	*05/11/22 10:29*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		05/12/22 08:27	05/12/22 23:01	1
PCB-1221	ND		0.50	0.18	ug/L		05/12/22 08:27	05/12/22 23:01	1
PCB-1232	ND		0.50	0.18	ug/L		05/12/22 08:27	05/12/22 23:01	1
PCB-1242	ND		0.50	0.18	ug/L		05/12/22 08:27	05/12/22 23:01	1
PCB-1248	ND		0.50	0.18	ug/L		05/12/22 08:27	05/12/22 23:01	1
PCB-1254	ND		0.50	0.25	ug/L		05/12/22 08:27	05/12/22 23:01	1
PCB-1260	ND		0.50	0.25	ug/L		05/12/22 08:27	05/12/22 23:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*51*		*39 - 121*	*05/12/22 08:27*	*05/12/22 23:01*	*1*
DCB Decachlorobiphenyl	*40*		*19 - 120*	*05/12/22 08:27*	*05/12/22 23:01*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		05/11/22 09:25	05/17/22 03:32	1
Antimony	ND		0.020	0.0068	mg/L		05/11/22 09:25	05/17/22 03:32	1
Arsenic	ND		0.015	0.0056	mg/L		05/11/22 09:25	05/17/22 03:32	1
Barium	ND		0.0020	0.00070	mg/L		05/11/22 09:25	05/17/22 03:32	1
Beryllium	ND		0.0020	0.00030	mg/L		05/11/22 09:25	05/17/22 03:32	1
Cadmium	ND		0.0020	0.00050	mg/L		05/11/22 09:25	05/17/22 03:32	1
Calcium	ND		0.50	0.10	mg/L		05/11/22 09:25	05/17/22 03:32	1
Chromium	ND		0.0040	0.0010	mg/L		05/11/22 09:25	05/17/22 03:32	1
Cobalt	ND		0.0040	0.00063	mg/L		05/11/22 09:25	05/17/22 03:32	1
Copper	ND		0.010	0.0016	mg/L		05/11/22 09:25	05/17/22 03:32	1
Iron	**0.13**		0.050	0.019	mg/L		05/11/22 09:25	05/17/22 03:32	1
Lead	ND		0.010	0.0030	mg/L		05/11/22 09:25	05/17/22 03:32	1

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Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	ND		0.20	0.043	mg/L		05/11/22 09:25	05/17/22 03:32	1
Manganese	**0.0018**	**J B**	0.0030	0.00040	mg/L		05/11/22 09:25	05/17/22 03:32	1
Nickel	ND		0.010	0.0013	mg/L		05/11/22 09:25	05/17/22 03:32	1
Potassium	ND		0.50	0.10	mg/L		05/11/22 09:25	05/17/22 03:32	1
Selenium	ND		0.025	0.0087	mg/L		05/11/22 09:25	05/17/22 03:32	1
Silver	ND		0.0060	0.0017	mg/L		05/11/22 09:25	05/17/22 03:32	1
Sodium	ND		1.0	0.32	mg/L		05/11/22 09:25	05/17/22 03:32	1
Thallium	ND		0.020	0.010	mg/L		05/11/22 09:25	05/17/22 03:32	1
Vanadium	ND		0.0050	0.0015	mg/L		05/11/22 09:25	05/17/22 03:32	1
Zinc	**0.0019**	**J ^1+ B**	0.010	0.0015	mg/L		05/11/22 09:25	05/17/22 03:32	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		05/09/22 10:51	05/09/22 14:41	1

Client Sample ID: 4125-050322-0002
Lab Sample ID: 480-197643-29

Date Collected: 05/03/22 00:00
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 78.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		2100	310	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
bis (2-chloroisopropyl) ether	ND		2100	420	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
2,4,5-Trichlorophenol	ND		2100	570	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
2,4,6-Trichlorophenol	ND		2100	420	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
2,4-Dichlorophenol	ND		2100	220	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
2,4-Dimethylphenol	ND		2100	510	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
2,4-Dinitrophenol	ND		21000	9800	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
2,4-Dinitrotoluene	ND		2100	440	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
2,6-Dinitrotoluene	ND		2100	250	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
2-Chloronaphthalene	ND		2100	350	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
2-Chlorophenol	ND		4100	390	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
2-Methylphenol	ND		2100	250	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
2-Methylnaphthalene	ND		2100	420	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
2-Nitroaniline	ND		4100	310	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
2-Nitrophenol	ND		2100	600	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
3,3'-Dichlorobenzidine	ND		4100	2500	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
3-Nitroaniline	ND		4100	590	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
4,6-Dinitro-2-methylphenol	ND		4100	2100	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
4-Bromophenyl phenyl ether	ND		2100	300	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
4-Chloro-3-methylphenol	ND		2100	520	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
4-Chloroaniline	ND		2100	520	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
4-Chlorophenyl phenyl ether	ND		2100	260	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
4-Methylphenol	ND		4100	250	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
4-Nitroaniline	ND		4100	1100	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
4-Nitrophenol	ND		4100	1500	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Acenaphthene	ND		2100	310	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Acenaphthylene	ND		2100	270	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Acetophenone	ND		2100	290	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Anthracene	ND		2100	520	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10

Client Sample ID: 4125-050322-0002
Date Collected: 05/03/22 00:00
Date Received: 05/05/22 12:30

Lab Sample ID: 480-197643-29
Matrix: Solid
Percent Solids: 78.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		2100	740	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Benzaldehyde	ND		2100	1700	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Benzo[a]anthracene	**730**	**J**	2100	210	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Benzo[a]pyrene	**810**	**J**	2100	310	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Benzo[b]fluoranthene	**1200**	**J**	2100	340	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Benzo[g,h,i]perylene	**660**	**J**	2100	220	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Benzo[k]fluoranthene	**340**	**J**	2100	270	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Bis(2-chloroethoxy)methane	ND		2100	450	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Bis(2-chloroethyl)ether	ND		2100	270	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Bis(2-ethylhexyl) phthalate	ND		2100	720	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Butyl benzyl phthalate	ND		2100	350	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Caprolactam	ND		2100	640	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Carbazole	ND		2100	250	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Chrysene	**810**	**J**	2100	470	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Dibenz(a,h)anthracene	ND		2100	370	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Di-n-butyl phthalate	ND		2100	360	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Di-n-octyl phthalate	ND		2100	250	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Dibenzofuran	ND		2100	250	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Diethyl phthalate	ND		2100	270	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Dimethyl phthalate	ND		2100	250	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Fluoranthene	**1800**	**J**	2100	220	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Fluorene	ND		2100	250	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Hexachlorobenzene	ND		2100	290	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Hexachlorobutadiene	ND		2100	310	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Hexachlorocyclopentadiene	ND		2100	290	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Hexachloroethane	ND		2100	270	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Indeno[1,2,3-cd]pyrene	**580**	**J**	2100	260	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Isophorone	ND		2100	450	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
N-Nitrosodi-n-propylamine	ND		2100	360	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
N-Nitrosodiphenylamine	ND		2100	1700	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Naphthalene	ND		2100	270	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Nitrobenzene	ND		2100	240	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Pentachlorophenol	ND		4100	2100	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Phenanthrene	**830**	**J**	2100	310	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Phenol	ND		2100	320	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10
Pyrene	**1400**	**J**	2100	250	ug/Kg	☼	05/09/22 16:07	05/10/22 16:21	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*88*		*53 - 120*	*05/09/22 16:07*	*05/10/22 16:21*	*10*
Phenol-d5 (Surr)	*83*		*54 - 120*	*05/09/22 16:07*	*05/10/22 16:21*	*10*
p-Terphenyl-d14 (Surr)	*92*		*79 - 130*	*05/09/22 16:07*	*05/10/22 16:21*	*10*
2,4,6-Tribromophenol (Surr)	*91*		*54 - 120*	*05/09/22 16:07*	*05/10/22 16:21*	*10*
2-Fluorobiphenyl (Surr)	*94*		*60 - 120*	*05/09/22 16:07*	*05/10/22 16:21*	*10*
2-Fluorophenol (Surr)	*81*		*52 - 120*	*05/09/22 16:07*	*05/10/22 16:21*	*10*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		41	8.1	ug/Kg	☼	05/11/22 15:28	05/12/22 15:39	20
4,4'-DDE	ND		41	8.7	ug/Kg	☼	05/11/22 15:28	05/12/22 15:39	20
4,4'-DDT	ND		41	9.7	ug/Kg	☼	05/11/22 15:28	05/12/22 15:39	20

Client Sample ID: 4125-050322-0002
Date Collected: 05/03/22 00:00
Date Received: 05/05/22 12:30

Lab Sample ID: 480-197643-29
Matrix: Solid
Percent Solids: 78.8

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		41	10	ug/Kg	☼	05/11/22 15:28	05/12/22 15:39	20
alpha-BHC	ND		41	7.5	ug/Kg	☼	05/11/22 15:28	05/12/22 15:39	20
cis-Chlordane	ND		41	21	ug/Kg	☼	05/11/22 15:28	05/12/22 15:39	20
beta-BHC	ND		41	7.5	ug/Kg	☼	05/11/22 15:28	05/12/22 15:39	20
delta-BHC	ND		41	7.7	ug/Kg	☼	05/11/22 15:28	05/12/22 15:39	20
Dieldrin	ND		41	9.9	ug/Kg	☼	05/11/22 15:28	05/12/22 15:39	20
Endosulfan I	ND		41	8.0	ug/Kg	☼	05/11/22 15:28	05/12/22 15:39	20
Endosulfan II	ND		41	7.5	ug/Kg	☼	05/11/22 15:28	05/12/22 15:39	20
Endosulfan sulfate	ND		41	7.7	ug/Kg	☼	05/11/22 15:28	05/12/22 15:39	20
Endrin	ND		41	8.2	ug/Kg	☼	05/11/22 15:28	05/12/22 15:39	20
Endrin aldehyde	ND		41	11	ug/Kg	☼	05/11/22 15:28	05/12/22 15:39	20
Endrin ketone	ND		41	10	ug/Kg	☼	05/11/22 15:28	05/12/22 15:39	20
gamma-BHC (Lindane)	ND		41	7.6	ug/Kg	☼	05/11/22 15:28	05/12/22 15:39	20
trans-Chlordane	ND		41	13	ug/Kg	☼	05/11/22 15:28	05/12/22 15:39	20
Heptachlor	ND		41	9.0	ug/Kg	☼	05/11/22 15:28	05/12/22 15:39	20
Heptachlor epoxide	ND		41	11	ug/Kg	☼	05/11/22 15:28	05/12/22 15:39	20
Methoxychlor	ND		41	8.4	ug/Kg	☼	05/11/22 15:28	05/12/22 15:39	20
Toxaphene	ND		410	240	ug/Kg	☼	05/11/22 15:28	05/12/22 15:39	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*	*05/11/22 15:28*	*05/12/22 15:39*	*20*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*05/11/22 15:28*	*05/12/22 15:39*	*20*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24	0.046	mg/Kg	☼	05/10/22 15:44	05/12/22 02:29	1
PCB-1221	ND		0.24	0.046	mg/Kg	☼	05/10/22 15:44	05/12/22 02:29	1
PCB-1232	ND		0.24	0.046	mg/Kg	☼	05/10/22 15:44	05/12/22 02:29	1
PCB-1242	ND		0.24	0.046	mg/Kg	☼	05/10/22 15:44	05/12/22 02:29	1
PCB-1248	ND		0.24	0.046	mg/Kg	☼	05/10/22 15:44	05/12/22 02:29	1
PCB-1254	ND		0.24	0.11	mg/Kg	☼	05/10/22 15:44	05/12/22 02:29	1
PCB-1260	ND		0.24	0.11	mg/Kg	☼	05/10/22 15:44	05/12/22 02:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*107*		*60 - 154*	*05/10/22 15:44*	*05/12/22 02:29*	*1*
DCB Decachlorobiphenyl	*85*		*65 - 174*	*05/10/22 15:44*	*05/12/22 02:29*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**19100**		12.3	5.4	mg/Kg	☼	05/10/22 15:03	05/14/22 18:30	1
Antimony	**3.3**	**J**	18.5	0.49	mg/Kg	☼	05/10/22 15:03	05/14/22 18:30	1
Arsenic	**6.5**		2.5	0.49	mg/Kg	☼	05/10/22 15:03	05/14/22 18:30	1
Barium	**101**		0.62	0.14	mg/Kg	☼	05/10/22 15:03	05/14/22 18:30	1
Beryllium	**0.84**		0.25	0.035	mg/Kg	☼	05/10/22 15:03	05/14/22 18:30	1
Cadmium	**0.27**		0.25	0.037	mg/Kg	☼	05/10/22 15:03	05/14/22 18:30	1
Calcium	**12000**	**B**	61.7	4.1	mg/Kg	☼	05/10/22 15:03	05/14/22 18:30	1
Chromium	**24.9**		0.62	0.25	mg/Kg	☼	05/10/22 15:03	05/14/22 18:30	1
Cobalt	**10.9**		0.62	0.062	mg/Kg	☼	05/10/22 15:03	05/14/22 18:30	1
Copper	**16.1**		1.2	0.26	mg/Kg	☼	05/10/22 15:03	05/14/22 18:30	1
Iron	**24200**	**B**	12.3	4.3	mg/Kg	☼	05/10/22 15:03	05/14/22 18:30	1

Client: GHD Services Inc.
Job ID: 480-197643-1
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Client Sample ID: 4125-050322-0002
Lab Sample ID: 480-197643-29
Date Collected: 05/03/22 00:00
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 78.8

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	27.2		1.2	0.30	mg/Kg	☼	05/10/22 15:03	05/14/22 18:30	1
Magnesium	8130	B	24.7	1.1	mg/Kg	☼	05/10/22 15:03	05/14/22 18:30	1
Manganese	641	B	0.25	0.039	mg/Kg	☼	05/10/22 15:03	05/14/22 18:30	1
Nickel	19.1		6.2	0.28	mg/Kg	☼	05/10/22 15:03	05/14/22 18:30	1
Potassium	3950		37.0	24.7	mg/Kg	☼	05/10/22 15:03	05/14/22 18:30	1
Selenium	2.7	J	4.9	0.49	mg/Kg	☼	05/10/22 15:03	05/14/22 18:30	1
Silver	ND		0.74	0.25	mg/Kg	☼	05/10/22 15:03	05/14/22 18:30	1
Sodium	137	J B	173	16.0	mg/Kg	☼	05/10/22 15:03	05/14/22 18:30	1
Thallium	ND		7.4	0.37	mg/Kg	☼	05/10/22 15:03	05/14/22 18:30	1
Vanadium	42.9		0.62	0.14	mg/Kg	☼	05/10/22 15:03	05/14/22 18:30	1
Zinc	75.9		2.5	0.79	mg/Kg	☼	05/10/22 15:03	05/14/22 18:30	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.19		0.025	0.0058	mg/Kg	☼	05/13/22 09:50	05/13/22 13:43	1

Surrogate Summary

Client: GHD Services Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Job ID: 480-197643-1

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

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DCA	BFB	DBFM
Lab Sample ID	Client Sample ID	(71-125)	(64-126)	(72-126)	(60-140)
480-197643-2	SS02-050322-1030	108	102	79	100
480-197643-3	SS02-050322-1035	103	105	79	100
480-197643-4	SS03-050322-1050	106	104	75	102
480-197643-5	SS03-050322-1055	106	98	77	98
480-197643-6	SS04-050322-1115	108	102	76	100
480-197643-7	SS04-050322-1120	107	97	76	96
480-197643-8	SS05-050322-1135	105	104	79	101
480-197643-9	SS05-050322-1140	108	104	75	101
480-197643-10	SS01-050322-1325	105	99	81	98
480-197643-11	SS01-050322-1330	105	100	76	98
480-197643-14	SS06-050322-1450	107	100	77	99
480-197643-15	SS06-050322-1455	116	103	72	102
480-197643-16	SS07-050322-1505	108	103	79	103
480-197643-17	SS07-050322-1510	106	103	77	99
480-197643-18	SS08-050322-1520	106	100	83	101
480-197643-19	SS09-050322-1530	110	99	78	99
480-197643-22	SS10-050422-0900	108	102	79	100
480-197643-23	SS10-050422-0905	100	104	81	100
480-197643-24	SS11-050422-0910	102	99	80	99
480-197643-25	SS11-050422-0915	95	102	91	101
LCS 480-625085/1-A	Lab Control Sample	96	99	92	94
LCS 480-625250/1-A	Lab Control Sample	99	99	90	99
LCS 480-625662/1-A	Lab Control Sample	97	100	92	99
LCSD 480-625250/3-A	Lab Control Sample Dup	97	100	90	99
MB 480-625085/2-A	Method Blank	94	98	92	101
MB 480-625250/2-A	Method Blank	96	101	91	98
MB 480-625662/2-A	Method Blank	95	97	94	97

Surrogate Legend

TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DCA	BFB	DBFM
Lab Sample ID	Client Sample ID	(80-120)	(77-120)	(73-120)	(75-123)
480-197643-1	4125-050322-0001	99	104	101	101
480-197643-28	4125-050422-0001	100	103	102	101
LCS 480-625797/6	Lab Control Sample	99	99	104	99
MB 480-625797/9	Method Blank	100	103	102	101

Surrogate Legend

TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Surrogate Summary

Client: GHD Services Inc. Job ID: 480-197643-1
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		NBZ	PHL	TPHd14	TBP	FBP	2FP
Lab Sample ID	Client Sample ID	(53-120)	(54-120)	(79-130)	(54-120)	(60-120)	(52-120)
480-197643-12	COMP-050322-1400	82	81	94	70	88	76
480-197643-13	COMP-050322-1405	86	87	92	69	94	83
480-197643-20	COMP-050322-1545	90	89	97	66	91	82
480-197643-21	COMP-050322-1550	88	84	94	78	90	86
480-197643-26	COMP-050422-0930	80	84	96	88	85	78
480-197643-27	COMP-050422-0940	84	86	109	82	90	82
480-197643-27 MS	COMP-050422-0940	82	84	104	96	90	76
480-197643-27 MSD	COMP-050422-0940	85	85	105	95	91	78
480-197643-29	4125-050322-0002	88	83	92	91	94	81
LCS 480-625236/2-A	Lab Control Sample	83	84	102	91	88	80
MB 480-625236/1-A	Method Blank	79	82	99	68	86	77

Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		NBZ	PHL	TPHd14	TBP	FBP	2FP
Lab Sample ID	Client Sample ID	(46-120)	(22-120)	(60-148)	(41-120)	(48-120)	(35-120)
480-197643-28	4125-050422-0001	93	49	111	89	102	70
LCS 480-625303/2-A	Lab Control Sample	90	58	119	114	110	79
MB 480-625303/1-A	Method Blank	79	43	103	82	92	61

Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCBP2	TCX2
Lab Sample ID	Client Sample ID	(45-120)	(30-124)
480-197643-12	COMP-050322-1400	0 S1-	0 S1-
480-197643-13	COMP-050322-1405	0 S1-	0 S1-
480-197643-20	COMP-050322-1545	0 S1-	0 S1-
480-197643-21	COMP-050322-1550	0 S1-	0 S1-
480-197643-26	COMP-050422-0930	79	63
480-197643-27	COMP-050422-0940	86	69
480-197643-27 MS	COMP-050422-0940	104	72
480-197643-27 MSD	COMP-050422-0940	101	70

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCBP2	TCX2
Lab Sample ID	Client Sample ID	(45-120)	(30-124)
480-197643-29	4125-050322-0002	0 S1-	0 S1-
LCS 480-625634/2-A	Lab Control Sample	69	51
MB 480-625634/1-A	Method Blank	70	53

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCBP2	TCX2
Lab Sample ID	Client Sample ID	(20-120)	(44-120)
480-197643-28	4125-050422-0001	62	78

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCBP1	TCX1
Lab Sample ID	Client Sample ID	(20-120)	(44-120)
LCS 480-625269/2-A	Lab Control Sample	57	112
MB 480-625269/1-A	Method Blank	43	105

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCBP1
Lab Sample ID	Client Sample ID	(60-154)	(65-174)
480-197643-12	COMP-050322-1400	88	80
480-197643-13	COMP-050322-1405	88	76
480-197643-20	COMP-050322-1545	94	80
480-197643-21	COMP-050322-1550	103	84
480-197643-26	COMP-050422-0930	108	90
480-197643-27	COMP-050422-0940	87	79
480-197643-27 MS	COMP-050422-0940	94	88
480-197643-27 MSD	COMP-050422-0940	104	92
480-197643-29	4125-050322-0002	107	85
LCS 480-625432/2-A	Lab Control Sample	133	128
MB 480-625432/1-A	Method Blank	114	110

Surrogate Legend

TCX = Tetrachloro-m-xylene

Surrogate Summary

Client: GHD Services Inc.
Job ID: 480-197643-1
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

DCBP = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
		TCX1	DCBP1								
Lab Sample ID	Client Sample ID	(39-121)	(19-120)								
480-197643-28	4125-050422-0001	51	40								
LCS 480-625716/2-A	Lab Control Sample	57	27								
MB 480-625716/1-A	Method Blank	62	43								

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

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

Lab Sample ID: MB 480-625085/2-A
Matrix: Solid
Analysis Batch: 625086

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 625085

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
2-Hexanone	ND		25	2.5	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
Acetone	ND		25	4.2	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
Benzene	ND		5.0	0.25	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
Bromoform	ND		5.0	2.5	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
Bromomethane	ND		5.0	0.45	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
Chloroethane	ND		5.0	1.1	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
Chloroform	ND		5.0	0.31	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
Chloromethane	ND		5.0	0.30	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
Cyclohexane	ND		5.0	0.70	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
Methyl acetate	ND		25	3.0	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
Styrene	ND		5.0	0.25	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
Toluene	ND		5.0	0.38	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
Trichloroethene	ND		5.0	1.1	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		05/08/22 17:33	05/08/22 20:57	1
Xylenes, Total	ND		10	0.84	ug/Kg		05/08/22 17:33	05/08/22 20:57	1

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

Lab Sample ID: MB 480-625085/2-A
Matrix: Solid
Analysis Batch: 625086

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 625085

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*94*		*71 - 125*	*05/08/22 17:33*	*05/08/22 20:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*64 - 126*	*05/08/22 17:33*	*05/08/22 20:57*	*1*
4-Bromofluorobenzene (Surr)	*92*		*72 - 126*	*05/08/22 17:33*	*05/08/22 20:57*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*05/08/22 17:33*	*05/08/22 20:57*	*1*

Lab Sample ID: LCS 480-625085/1-A
Matrix: Solid
Analysis Batch: 625086

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 625085

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	46.8		ug/Kg		94	77 - 121
1,1,2,2-Tetrachloroethane	50.0	53.8		ug/Kg		108	80 - 120
1,1,2-Trichloroethane	50.0	51.4		ug/Kg		103	78 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	47.2		ug/Kg		94	60 - 140
1,1-Dichloroethane	50.0	46.6		ug/Kg		93	73 - 126
1,1-Dichloroethene	50.0	46.1		ug/Kg		92	59 - 125
1,2,4-Trichlorobenzene	50.0	47.9		ug/Kg		96	64 - 120
1,2-Dibromo-3-Chloropropane	50.0	48.3		ug/Kg		97	63 - 124
1,2-Dichlorobenzene	50.0	49.2		ug/Kg		98	75 - 120
1,2-Dichloroethane	50.0	50.4		ug/Kg		101	77 - 122
1,2-Dichloropropane	50.0	49.5		ug/Kg		99	75 - 124
1,3-Dichlorobenzene	50.0	49.8		ug/Kg		100	74 - 120
1,4-Dichlorobenzene	50.0	49.2		ug/Kg		98	73 - 120
2-Butanone (MEK)	250	260		ug/Kg		104	70 - 134
2-Hexanone	250	281		ug/Kg		112	59 - 130
4-Methyl-2-pentanone (MIBK)	250	271		ug/Kg		108	65 - 133
Acetone	250	240		ug/Kg		96	61 - 137
Benzene	50.0	47.5		ug/Kg		95	79 - 127
Bromodichloromethane	50.0	52.7		ug/Kg		105	80 - 122
Bromoform	50.0	51.5		ug/Kg		103	68 - 126
Bromomethane	50.0	46.1		ug/Kg		92	37 - 149
Carbon disulfide	50.0	45.0		ug/Kg		90	64 - 131
Carbon tetrachloride	50.0	45.5		ug/Kg		91	75 - 135
Chlorobenzene	50.0	49.8		ug/Kg		100	76 - 124
Dibromochloromethane	50.0	53.9		ug/Kg		108	76 - 125
Chloroethane	50.0	51.1		ug/Kg		102	69 - 135
Chloroform	50.0	46.3		ug/Kg		93	80 - 120
Chloromethane	50.0	49.6		ug/Kg		99	63 - 127
cis-1,2-Dichloroethene	50.0	45.7		ug/Kg		91	81 - 120
cis-1,3-Dichloropropene	50.0	50.9		ug/Kg		102	80 - 120
Cyclohexane	50.0	48.1		ug/Kg		96	65 - 120
Dichlorodifluoromethane	50.0	50.8		ug/Kg		102	57 - 142
Ethylbenzene	50.0	50.0		ug/Kg		100	80 - 120
1,2-Dibromoethane	50.0	51.1		ug/Kg		102	78 - 120
Isopropylbenzene	50.0	52.3		ug/Kg		105	72 - 120
Methyl acetate	100	92.9		ug/Kg		93	55 - 136
Methyl tert-butyl ether	50.0	45.2		ug/Kg		90	63 - 125
Methylcyclohexane	50.0	47.3		ug/Kg		95	60 - 140

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

Lab Sample ID: LCS 480-625085/1-A
Matrix: Solid
Analysis Batch: 625086

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 625085

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	50.0	47.3		ug/Kg		95	61 - 127
Styrene	50.0	49.5		ug/Kg		99	80 - 120
Tetrachloroethene	50.0	49.8		ug/Kg		100	74 - 122
Toluene	50.0	48.1		ug/Kg		96	74 - 128
trans-1,2-Dichloroethene	50.0	46.1		ug/Kg		92	78 - 126
trans-1,3-Dichloropropene	50.0	50.1		ug/Kg		100	73 - 123
Trichloroethene	50.0	48.2		ug/Kg		96	77 - 129
Trichlorofluoromethane	50.0	49.4		ug/Kg		99	65 - 146
Vinyl chloride	50.0	48.6		ug/Kg		97	61 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*96*		*71 - 125*
1,2-Dichloroethane-d4 (Surr)	*99*		*64 - 126*
4-Bromofluorobenzene (Surr)	*92*		*72 - 126*
Dibromofluoromethane (Surr)	*94*		*60 - 140*

Lab Sample ID: MB 480-625250/2-A
Matrix: Solid
Analysis Batch: 625251

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 625250

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
2-Hexanone	ND		25	2.5	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
Acetone	ND		25	4.2	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
Benzene	ND		5.0	0.25	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
Bromoform	ND		5.0	2.5	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
Bromomethane	ND		5.0	0.45	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
Chloroethane	ND		5.0	1.1	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
Chloroform	ND		5.0	0.31	ug/Kg		05/09/22 16:54	05/09/22 20:16	1

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

Lab Sample ID: MB 480-625250/2-A
Matrix: Solid
Analysis Batch: 625251

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 625250

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		5.0	0.30	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
Cyclohexane	ND		5.0	0.70	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
Methyl acetate	ND		25	3.0	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
Styrene	ND		5.0	0.25	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
Toluene	ND		5.0	0.38	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
Trichloroethene	ND		5.0	1.1	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		05/09/22 16:54	05/09/22 20:16	1
Xylenes, Total	ND		10	0.84	ug/Kg		05/09/22 16:54	05/09/22 20:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*71 - 125*	*05/09/22 16:54*	*05/09/22 20:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 126*	*05/09/22 16:54*	*05/09/22 20:16*	*1*
4-Bromofluorobenzene (Surr)	*91*		*72 - 126*	*05/09/22 16:54*	*05/09/22 20:16*	*1*
Dibromofluoromethane (Surr)	*98*		*60 - 140*	*05/09/22 16:54*	*05/09/22 20:16*	*1*

Lab Sample ID: LCS 480-625250/1-A
Matrix: Solid
Analysis Batch: 625251

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 625250

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	47.8		ug/Kg		96	77 - 121
1,1,2,2-Tetrachloroethane	50.0	55.3		ug/Kg		111	80 - 120
1,1,2-Trichloroethane	50.0	52.8		ug/Kg		106	78 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	47.0		ug/Kg		94	60 - 140
1,1-Dichloroethane	50.0	49.2		ug/Kg		98	73 - 126
1,1-Dichloroethene	50.0	47.0		ug/Kg		94	59 - 125
1,2,4-Trichlorobenzene	50.0	54.3		ug/Kg		109	64 - 120
1,2-Dibromo-3-Chloropropane	50.0	55.2		ug/Kg		110	63 - 124
1,2-Dichlorobenzene	50.0	51.7		ug/Kg		103	75 - 120
1,2-Dichloroethane	50.0	50.2		ug/Kg		100	77 - 122
1,2-Dichloropropane	50.0	47.4		ug/Kg		95	75 - 124
1,3-Dichlorobenzene	50.0	50.5		ug/Kg		101	74 - 120
1,4-Dichlorobenzene	50.0	50.3		ug/Kg		101	73 - 120
2-Butanone (MEK)	250	255		ug/Kg		102	70 - 134
2-Hexanone	250	266		ug/Kg		106	59 - 130

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

Lab Sample ID: LCS 480-625250/1-A
Matrix: Solid
Analysis Batch: 625251

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 625250

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (MIBK)	250	285		ug/Kg		114	65 - 133
Acetone	250	252		ug/Kg		101	61 - 137
Benzene	50.0	47.5		ug/Kg		95	79 - 127
Bromodichloromethane	50.0	51.9		ug/Kg		104	80 - 122
Bromoform	50.0	53.2		ug/Kg		106	68 - 126
Bromomethane	50.0	48.4		ug/Kg		97	37 - 149
Carbon disulfide	50.0	46.2		ug/Kg		92	64 - 131
Carbon tetrachloride	50.0	46.6		ug/Kg		93	75 - 135
Chlorobenzene	50.0	50.0		ug/Kg		100	76 - 124
Dibromochloromethane	50.0	55.1		ug/Kg		110	76 - 125
Chloroethane	50.0	49.6		ug/Kg		99	69 - 135
Chloroform	50.0	47.8		ug/Kg		96	80 - 120
Chloromethane	50.0	50.0		ug/Kg		100	63 - 127
cis-1,2-Dichloroethene	50.0	48.1		ug/Kg		96	81 - 120
cis-1,3-Dichloropropene	50.0	47.0		ug/Kg		94	80 - 120
Cyclohexane	50.0	48.0		ug/Kg		96	65 - 120
Dichlorodifluoromethane	50.0	52.7		ug/Kg		105	57 - 142
Ethylbenzene	50.0	51.2		ug/Kg		102	80 - 120
1,2-Dibromoethane	50.0	49.9		ug/Kg		100	78 - 120
Isopropylbenzene	50.0	53.5		ug/Kg		107	72 - 120
Methyl acetate	100	96.9		ug/Kg		97	55 - 136
Methyl tert-butyl ether	50.0	47.7		ug/Kg		95	63 - 125
Methylcyclohexane	50.0	47.8		ug/Kg		96	60 - 140
Methylene Chloride	50.0	50.0		ug/Kg		100	61 - 127
Styrene	50.0	49.8		ug/Kg		100	80 - 120
Tetrachloroethene	50.0	50.4		ug/Kg		101	74 - 122
Toluene	50.0	49.6		ug/Kg		99	74 - 128
trans-1,2-Dichloroethene	50.0	47.4		ug/Kg		95	78 - 126
trans-1,3-Dichloropropene	50.0	49.0		ug/Kg		98	73 - 123
Trichloroethene	50.0	48.1		ug/Kg		96	77 - 129
Trichlorofluoromethane	50.0	50.7		ug/Kg		101	65 - 146
Vinyl chloride	50.0	50.7		ug/Kg		101	61 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*71 - 125*
1,2-Dichloroethane-d4 (Surr)	*99*		*64 - 126*
4-Bromofluorobenzene (Surr)	*90*		*72 - 126*
Dibromofluoromethane (Surr)	*99*		*60 - 140*

Lab Sample ID: LCSD 480-625250/3-A
Matrix: Solid
Analysis Batch: 625251

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 625250

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	50.0	51.0		ug/Kg		102	77 - 121	6	20
1,1,2,2-Tetrachloroethane	50.0	52.8		ug/Kg		106	80 - 120	5	20
1,1,2-Trichloroethane	50.0	49.9		ug/Kg		100	78 - 122	6	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	51.7		ug/Kg		103	60 - 140	10	20

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

Lab Sample ID: LCSD 480-625250/3-A
Matrix: Solid
Analysis Batch: 625251

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 625250

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane			50.0	49.5		ug/Kg		99	73 - 126	0	20
1,1-Dichloroethene			50.0	49.7		ug/Kg		99	59 - 125	6	20
1,2,4-Trichlorobenzene			50.0	52.5		ug/Kg		105	64 - 120	3	20
1,2-Dibromo-3-Chloropropane			50.0	51.0		ug/Kg		102	63 - 124	8	20
1,2-Dichlorobenzene			50.0	50.5		ug/Kg		101	75 - 120	2	20
1,2-Dichloroethane			50.0	48.5		ug/Kg		97	77 - 122	3	20
1,2-Dichloropropane			50.0	47.8		ug/Kg		96	75 - 124	1	20
1,3-Dichlorobenzene			50.0	51.8		ug/Kg		104	74 - 120	2	20
1,4-Dichlorobenzene			50.0	51.1		ug/Kg		102	73 - 120	2	20
2-Butanone (MEK)			250	237		ug/Kg		95	70 - 134	8	20
2-Hexanone			250	254		ug/Kg		102	59 - 130	4	20
4-Methyl-2-pentanone (MIBK)			250	261		ug/Kg		105	65 - 133	9	20
Acetone			250	231		ug/Kg		93	61 - 137	9	20
Benzene			50.0	48.0		ug/Kg		96	79 - 127	1	20
Bromodichloromethane			50.0	50.6		ug/Kg		101	80 - 122	3	20
Bromoform			50.0	50.2		ug/Kg		100	68 - 126	6	20
Bromomethane			50.0	50.9		ug/Kg		102	37 - 149	5	20
Carbon disulfide			50.0	49.1		ug/Kg		98	64 - 131	6	20
Carbon tetrachloride			50.0	49.3		ug/Kg		99	75 - 135	6	20
Chlorobenzene			50.0	50.1		ug/Kg		100	76 - 124	0	20
Dibromochloromethane			50.0	52.2		ug/Kg		104	76 - 125	5	20
Chloroethane			50.0	53.5		ug/Kg		107	69 - 135	8	20
Chloroform			50.0	48.0		ug/Kg		96	80 - 120	0	20
Chloromethane			50.0	52.0		ug/Kg		104	63 - 127	4	20
cis-1,2-Dichloroethene			50.0	48.3		ug/Kg		97	81 - 120	0	20
cis-1,3-Dichloropropene			50.0	46.7		ug/Kg		93	80 - 120	1	20
Cyclohexane			50.0	52.3		ug/Kg		105	65 - 120	9	20
Dichlorodifluoromethane			50.0	58.3		ug/Kg		117	57 - 142	10	20
Ethylbenzene			50.0	52.6		ug/Kg		105	80 - 120	3	20
1,2-Dibromoethane			50.0	47.9		ug/Kg		96	78 - 120	4	20
Isopropylbenzene			50.0	56.3		ug/Kg		113	72 - 120	5	20
Methyl acetate			100	89.8		ug/Kg		90	55 - 136	8	20
Methyl tert-butyl ether			50.0	45.2		ug/Kg		90	63 - 125	5	20
Methylcyclohexane			50.0	52.6		ug/Kg		105	60 - 140	10	20
Methylene Chloride			50.0	48.5		ug/Kg		97	61 - 127	3	20
Styrene			50.0	49.2		ug/Kg		98	80 - 120	1	20
Tetrachloroethene			50.0	52.8		ug/Kg		106	74 - 122	5	20
Toluene			50.0	50.6		ug/Kg		101	74 - 128	2	20
trans-1,2-Dichloroethene			50.0	49.2		ug/Kg		98	78 - 126	4	20
trans-1,3-Dichloropropene			50.0	47.3		ug/Kg		95	73 - 123	3	20
Trichloroethene			50.0	50.6		ug/Kg		101	77 - 129	5	20
Trichlorofluoromethane			50.0	57.1		ug/Kg		114	65 - 146	12	20
Vinyl chloride			50.0	55.1		ug/Kg		110	61 - 133	8	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*97*		*71 - 125*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 126*
4-Bromofluorobenzene (Surr)	*90*		*72 - 126*

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

Lab Sample ID: LCSD 480-625250/3-A
Matrix: Solid
Analysis Batch: 625251

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 625250

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*99*		*60 - 140*

Lab Sample ID: MB 480-625662/2-A
Matrix: Solid
Analysis Batch: 625664

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 625662

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
2-Hexanone	ND		25	2.5	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
Acetone	ND		25	4.2	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
Benzene	ND		5.0	0.25	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
Bromoform	ND		5.0	2.5	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
Bromomethane	ND		5.0	0.45	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
Chloroethane	ND		5.0	1.1	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
Chloroform	ND		5.0	0.31	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
Chloromethane	ND		5.0	0.30	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
Cyclohexane	ND		5.0	0.70	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
Methyl acetate	ND		25	3.0	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
Styrene	ND		5.0	0.25	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		05/11/22 16:45	05/11/22 20:32	1

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

Lab Sample ID: MB 480-625662/2-A
Matrix: Solid
Analysis Batch: 625664

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 625662

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		5.0	0.38	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
Trichloroethene	ND		5.0	1.1	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		05/11/22 16:45	05/11/22 20:32	1
Xylenes, Total	ND		10	0.84	ug/Kg		05/11/22 16:45	05/11/22 20:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*71 - 125*	*05/11/22 16:45*	*05/11/22 20:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*64 - 126*	*05/11/22 16:45*	*05/11/22 20:32*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 126*	*05/11/22 16:45*	*05/11/22 20:32*	*1*
Dibromofluoromethane (Surr)	*97*		*60 - 140*	*05/11/22 16:45*	*05/11/22 20:32*	*1*

Lab Sample ID: LCS 480-625662/1-A
Matrix: Solid
Analysis Batch: 625664

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 625662

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	47.0		ug/Kg		94	77 - 121
1,1,2,2-Tetrachloroethane	50.0	51.8		ug/Kg		104	80 - 120
1,1,2-Trichloroethane	50.0	49.6		ug/Kg		99	78 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	48.5		ug/Kg		97	60 - 140
1,1-Dichloroethane	50.0	45.9		ug/Kg		92	73 - 126
1,1-Dichloroethene	50.0	46.1		ug/Kg		92	59 - 125
1,2,4-Trichlorobenzene	50.0	48.4		ug/Kg		97	64 - 120
1,2-Dibromo-3-Chloropropane	50.0	51.0		ug/Kg		102	63 - 124
1,2-Dichlorobenzene	50.0	48.7		ug/Kg		97	75 - 120
1,2-Dichloroethane	50.0	48.4		ug/Kg		97	77 - 122
1,2-Dichloropropane	50.0	45.8		ug/Kg		92	75 - 124
1,3-Dichlorobenzene	50.0	48.8		ug/Kg		98	74 - 120
1,4-Dichlorobenzene	50.0	47.9		ug/Kg		96	73 - 120
2-Butanone (MEK)	250	236		ug/Kg		95	70 - 134
2-Hexanone	250	245		ug/Kg		98	59 - 130
4-Methyl-2-pentanone (MIBK)	250	249		ug/Kg		100	65 - 133
Acetone	250	224		ug/Kg		89	61 - 137
Benzene	50.0	46.0		ug/Kg		92	79 - 127
Bromodichloromethane	50.0	50.2		ug/Kg		100	80 - 122
Bromoform	50.0	51.3		ug/Kg		103	68 - 126
Bromomethane	50.0	50.5		ug/Kg		101	37 - 149
Carbon disulfide	50.0	44.5		ug/Kg		89	64 - 131
Carbon tetrachloride	50.0	46.5		ug/Kg		93	75 - 135
Chlorobenzene	50.0	48.0		ug/Kg		96	76 - 124
Dibromochloromethane	50.0	52.6		ug/Kg		105	76 - 125
Chloroethane	50.0	52.5		ug/Kg		105	69 - 135
Chloroform	50.0	46.3		ug/Kg		93	80 - 120
Chloromethane	50.0	47.0		ug/Kg		94	63 - 127
cis-1,2-Dichloroethene	50.0	46.8		ug/Kg		94	81 - 120

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

Lab Sample ID: LCS 480-625662/1-A
Matrix: Solid
Analysis Batch: 625664

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 625662

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,3-Dichloropropene	50.0	47.3		ug/Kg		95	80 - 120
Cyclohexane	50.0	45.5		ug/Kg		91	65 - 120
Dichlorodifluoromethane	50.0	53.0		ug/Kg		106	57 - 142
Ethylbenzene	50.0	47.9		ug/Kg		96	80 - 120
1,2-Dibromoethane	50.0	48.5		ug/Kg		97	78 - 120
Isopropylbenzene	50.0	50.7		ug/Kg		101	72 - 120
Methyl acetate	100	89.5		ug/Kg		89	55 - 136
Methyl tert-butyl ether	50.0	46.6		ug/Kg		93	63 - 125
Methylcyclohexane	50.0	47.1		ug/Kg		94	60 - 140
Methylene Chloride	50.0	48.8		ug/Kg		98	61 - 127
Styrene	50.0	47.1		ug/Kg		94	80 - 120
Tetrachloroethene	50.0	48.7		ug/Kg		97	74 - 122
Toluene	50.0	46.1		ug/Kg		92	74 - 128
trans-1,2-Dichloroethene	50.0	46.6		ug/Kg		93	78 - 126
trans-1,3-Dichloropropene	50.0	47.7		ug/Kg		95	73 - 123
Trichloroethene	50.0	47.3		ug/Kg		95	77 - 129
Trichlorofluoromethane	50.0	52.5		ug/Kg		105	65 - 146
Vinyl chloride	50.0	49.5		ug/Kg		99	61 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*97*		*71 - 125*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 126*
4-Bromofluorobenzene (Surr)	*92*		*72 - 126*
Dibromofluoromethane (Surr)	*99*		*60 - 140*

Lab Sample ID: MB 480-625797/9
Matrix: Water
Analysis Batch: 625797

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/12/22 16:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/12/22 16:37	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/12/22 16:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/12/22 16:37	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/12/22 16:37	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/12/22 16:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/12/22 16:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/12/22 16:37	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/12/22 16:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/12/22 16:37	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/12/22 16:37	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/12/22 16:37	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/12/22 16:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/12/22 16:37	1
2-Hexanone	ND		5.0	1.2	ug/L			05/12/22 16:37	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/12/22 16:37	1
Acetone	ND		10	3.0	ug/L			05/12/22 16:37	1
Benzene	ND		1.0	0.41	ug/L			05/12/22 16:37	1

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

Lab Sample ID: MB 480-625797/9
Matrix: Water
Analysis Batch: 625797

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		1.0	0.39	ug/L			05/12/22 16:37	1
Bromoform	ND		1.0	0.26	ug/L			05/12/22 16:37	1
Bromomethane	ND		1.0	0.69	ug/L			05/12/22 16:37	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/12/22 16:37	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/12/22 16:37	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/12/22 16:37	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/12/22 16:37	1
Chloroethane	ND		1.0	0.32	ug/L			05/12/22 16:37	1
Chloroform	ND		1.0	0.34	ug/L			05/12/22 16:37	1
Chloromethane	ND		1.0	0.35	ug/L			05/12/22 16:37	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/12/22 16:37	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/12/22 16:37	1
Cyclohexane	ND		1.0	0.18	ug/L			05/12/22 16:37	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/12/22 16:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/12/22 16:37	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/12/22 16:37	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/12/22 16:37	1
Methyl acetate	ND		2.5	1.3	ug/L			05/12/22 16:37	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/12/22 16:37	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/12/22 16:37	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/12/22 16:37	1
Styrene	ND		1.0	0.73	ug/L			05/12/22 16:37	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/12/22 16:37	1
Toluene	ND		1.0	0.51	ug/L			05/12/22 16:37	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/12/22 16:37	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/12/22 16:37	1
Trichloroethene	ND		1.0	0.46	ug/L			05/12/22 16:37	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/12/22 16:37	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/12/22 16:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/12/22 16:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/12/22 16:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*05/12/22 16:37*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*05/12/22 16:37*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*05/12/22 16:37*	*1*

Lab Sample ID: LCS 480-625797/6
Matrix: Water
Analysis Batch: 625797

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	25.1		ug/L		101	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.4		ug/L		94	76 - 120
1,1,2-Trichloroethane	25.0	24.1		ug/L		96	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.1		ug/L		97	61 - 148
1,1-Dichloroethane	25.0	24.0		ug/L		96	77 - 120
1,1-Dichloroethene	25.0	24.4		ug/L		97	66 - 127

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

Lab Sample ID: LCS 480-625797/6
Matrix: Water
Analysis Batch: 625797

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	25.0	24.9		ug/L		100	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.3		ug/L		93	56 - 134
1,2-Dichlorobenzene	25.0	24.2		ug/L		97	80 - 124
1,2-Dichloroethane	25.0	24.6		ug/L		99	75 - 120
1,2-Dichloropropane	25.0	24.9		ug/L		100	76 - 120
1,3-Dichlorobenzene	25.0	24.5		ug/L		98	77 - 120
1,4-Dichlorobenzene	25.0	24.4		ug/L		97	80 - 120
2-Butanone (MEK)	125	129		ug/L		103	57 - 140
2-Hexanone	125	128		ug/L		102	65 - 127
4-Methyl-2-pentanone (MIBK)	125	121		ug/L		97	71 - 125
Acetone	125	122		ug/L		97	56 - 142
Benzene	25.0	24.0		ug/L		96	71 - 124
Bromodichloromethane	25.0	24.0		ug/L		96	80 - 122
Bromoform	25.0	25.2		ug/L		101	61 - 132
Bromomethane	25.0	20.7		ug/L		83	55 - 144
Carbon disulfide	25.0	23.0		ug/L		92	59 - 134
Carbon tetrachloride	25.0	26.4		ug/L		106	72 - 134
Chlorobenzene	25.0	24.6		ug/L		99	80 - 120
Dibromochloromethane	25.0	25.1		ug/L		100	75 - 125
Chloroethane	25.0	21.2		ug/L		85	69 - 136
Chloroform	25.0	23.6		ug/L		94	73 - 127
Chloromethane	25.0	20.1		ug/L		80	68 - 124
cis-1,2-Dichloroethene	25.0	24.3		ug/L		97	74 - 124
cis-1,3-Dichloropropene	25.0	26.8		ug/L		107	74 - 124
Cyclohexane	25.0	24.2		ug/L		97	59 - 135
Dichlorodifluoromethane	25.0	23.0		ug/L		92	59 - 135
Ethylbenzene	25.0	25.3		ug/L		101	77 - 123
1,2-Dibromoethane	25.0	25.4		ug/L		102	77 - 120
Isopropylbenzene	25.0	25.5		ug/L		102	77 - 122
Methyl acetate	50.0	42.5		ug/L		85	74 - 133
Methyl tert-butyl ether	25.0	24.6		ug/L		99	77 - 120
Methylcyclohexane	25.0	27.0		ug/L		108	68 - 134
Methylene Chloride	25.0	22.3		ug/L		89	75 - 124
Styrene	25.0	25.3		ug/L		101	80 - 120
Tetrachloroethene	25.0	25.7		ug/L		103	74 - 122
Toluene	25.0	24.8		ug/L		99	80 - 122
trans-1,2-Dichloroethene	25.0	24.2		ug/L		97	73 - 127
trans-1,3-Dichloropropene	25.0	26.4		ug/L		106	80 - 120
Trichloroethene	25.0	24.3		ug/L		97	74 - 123
Trichlorofluoromethane	25.0	22.0		ug/L		88	62 - 150
Vinyl chloride	25.0	20.7		ug/L		83	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*
Dibromofluoromethane (Surr)	*99*		*75 - 123*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-625236/1-A
Matrix: Solid
Analysis Batch: 625285

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 625236

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		170	25	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
bis (2-chloroisopropyl) ether	ND		170	33	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
2,4,5-Trichlorophenol	ND		170	45	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
2,4,6-Trichlorophenol	ND		170	33	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
2,4-Dichlorophenol	ND		170	18	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
2,4-Dimethylphenol	ND		170	40	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
2,4-Dinitrophenol	ND		1600	770	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
2,4-Dinitrotoluene	ND		170	34	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
2,6-Dinitrotoluene	ND		170	20	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
2-Chloronaphthalene	ND		170	28	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
2-Chlorophenol	ND		330	31	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
2-Methylphenol	ND		170	20	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
2-Methylnaphthalene	ND		170	33	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
2-Nitroaniline	ND		330	25	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
2-Nitrophenol	ND		170	47	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
3,3'-Dichlorobenzidine	ND		330	200	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
3-Nitroaniline	ND		330	46	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
4,6-Dinitro-2-methylphenol	ND		330	170	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
4-Bromophenyl phenyl ether	ND		170	24	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
4-Chloro-3-methylphenol	ND		170	41	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
4-Chloroaniline	ND		170	41	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
4-Chlorophenyl phenyl ether	ND		170	21	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
4-Methylphenol	ND		330	20	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
4-Nitroaniline	ND		330	88	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
4-Nitrophenol	ND		330	120	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Acenaphthene	ND		170	25	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Acenaphthylene	ND		170	22	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Acetophenone	ND		170	23	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Anthracene	ND		170	41	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Atrazine	ND		170	58	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Benzaldehyde	ND		170	130	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Benzo[a]anthracene	ND		170	17	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Benzo[a]pyrene	ND		170	25	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Benzo[b]fluoranthene	ND		170	27	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Benzo[g,h,i]perylene	ND		170	18	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Benzo[k]fluoranthene	ND		170	22	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Bis(2-chloroethoxy)methane	ND		170	35	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Bis(2-chloroethyl)ether	ND		170	22	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Bis(2-ethylhexyl) phthalate	ND		170	57	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Butyl benzyl phthalate	ND		170	28	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Caprolactam	ND		170	50	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Carbazole	ND		170	20	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Chrysene	ND		170	37	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Dibenz(a,h)anthracene	ND		170	30	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Di-n-butyl phthalate	ND		170	29	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Di-n-octyl phthalate	ND		170	20	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Dibenzofuran	ND		170	20	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Diethyl phthalate	ND		170	22	ug/Kg		05/09/22 16:07	05/10/22 12:19	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-625236/1-A
Matrix: Solid
Analysis Batch: 625285

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 625236

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		170	20	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Fluoranthene	ND		170	18	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Fluorene	ND		170	20	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Hexachlorobenzene	ND		170	23	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Hexachlorobutadiene	ND		170	25	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Hexachlorocyclopentadiene	ND		170	23	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Hexachloroethane	ND		170	22	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Indeno[1,2,3-cd]pyrene	ND		170	21	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Isophorone	ND		170	35	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
N-Nitrosodi-n-propylamine	ND		170	29	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
N-Nitrosodiphenylamine	ND		170	140	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Naphthalene	ND		170	22	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Nitrobenzene	ND		170	19	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Pentachlorophenol	ND		330	170	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Phenanthrene	ND		170	25	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Phenol	ND		170	26	ug/Kg		05/09/22 16:07	05/10/22 12:19	1
Pyrene	ND		170	20	ug/Kg		05/09/22 16:07	05/10/22 12:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*79*		*53 - 120*	*05/09/22 16:07*	*05/10/22 12:19*	*1*
Phenol-d5 (Surr)	*82*		*54 - 120*	*05/09/22 16:07*	*05/10/22 12:19*	*1*
p-Terphenyl-d14 (Surr)	*99*		*79 - 130*	*05/09/22 16:07*	*05/10/22 12:19*	*1*
2,4,6-Tribromophenol (Surr)	*68*		*54 - 120*	*05/09/22 16:07*	*05/10/22 12:19*	*1*
2-Fluorobiphenyl (Surr)	*86*		*60 - 120*	*05/09/22 16:07*	*05/10/22 12:19*	*1*
2-Fluorophenol (Surr)	*77*		*52 - 120*	*05/09/22 16:07*	*05/10/22 12:19*	*1*

Lab Sample ID: LCS 480-625236/2-A
Matrix: Solid
Analysis Batch: 625285

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 625236

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biphenyl	1650	1540		ug/Kg		93	59 - 120
bis (2-chloroisopropyl) ether	1650	1450		ug/Kg		88	44 - 120
2,4,5-Trichlorophenol	1650	1570		ug/Kg		95	59 - 126
2,4,6-Trichlorophenol	1650	1560		ug/Kg		95	59 - 123
2,4-Dichlorophenol	1650	1520		ug/Kg		92	61 - 120
2,4-Dimethylphenol	1650	1550		ug/Kg		94	59 - 120
2,4-Dinitrophenol	3300	3550		ug/Kg		108	41 - 146
2,4-Dinitrotoluene	1650	1650		ug/Kg		100	63 - 120
2,6-Dinitrotoluene	1650	1630		ug/Kg		99	66 - 120
2-Chloronaphthalene	1650	1550		ug/Kg		94	57 - 120
2-Chlorophenol	1650	1460		ug/Kg		89	53 - 120
2-Methylphenol	1650	1530		ug/Kg		93	54 - 120
2-Methylnaphthalene	1650	1470		ug/Kg		89	59 - 120
2-Nitroaniline	1650	1650		ug/Kg		100	61 - 120
2-Nitrophenol	1650	1600		ug/Kg		97	56 - 120
3,3'-Dichlorobenzidine	3300	2920		ug/Kg		88	54 - 120
3-Nitroaniline	1650	1360		ug/Kg		82	48 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-625236/2-A
Matrix: Solid
Analysis Batch: 625285

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 625236

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	3300	3710		ug/Kg		112	49 - 122
4-Bromophenyl phenyl ether	1650	1630		ug/Kg		99	58 - 120
4-Chloro-3-methylphenol	1650	1580		ug/Kg		96	61 - 120
4-Chloroaniline	1650	1280		ug/Kg		78	38 - 120
4-Chlorophenyl phenyl ether	1650	1570		ug/Kg		95	63 - 124
4-Methylphenol	1650	1530		ug/Kg		93	55 - 120
4-Nitroaniline	1650	1540		ug/Kg		94	56 - 120
4-Nitrophenol	3300	3250		ug/Kg		98	43 - 147
Acenaphthene	1650	1600		ug/Kg		97	62 - 120
Acenaphthylene	1650	1470		ug/Kg		89	58 - 121
Acetophenone	1650	1470		ug/Kg		89	54 - 120
Anthracene	1650	1640		ug/Kg		99	62 - 120
Atrazine	3300	3050		ug/Kg		92	60 - 127
Benzaldehyde	3300	1730		ug/Kg		52	10 - 150
Benzo[a]anthracene	1650	1660		ug/Kg		100	65 - 120
Benzo[a]pyrene	1650	1520		ug/Kg		92	64 - 120
Benzo[b]fluoranthene	1650	1590		ug/Kg		97	64 - 120
Benzo[g,h,i]perylene	1650	1570		ug/Kg		95	45 - 145
Benzo[k]fluoranthene	1650	1770		ug/Kg		107	65 - 120
Bis(2-chloroethoxy)methane	1650	1540		ug/Kg		93	55 - 120
Bis(2-chloroethyl)ether	1650	1450		ug/Kg		88	45 - 120
Bis(2-ethylhexyl) phthalate	1650	1750		ug/Kg		106	61 - 133
Butyl benzyl phthalate	1650	1790		ug/Kg		109	61 - 129
Caprolactam	3300	3200		ug/Kg		97	47 - 120
Carbazole	1650	1650		ug/Kg		100	65 - 120
Chrysene	1650	1660		ug/Kg		101	64 - 120
Dibenz(a,h)anthracene	1650	1620		ug/Kg		98	54 - 132
Di-n-butyl phthalate	1650	1710		ug/Kg		104	58 - 130
Di-n-octyl phthalate	1650	1720		ug/Kg		104	57 - 133
Dibenzofuran	1650	1590		ug/Kg		96	63 - 120
Diethyl phthalate	1650	1620		ug/Kg		98	66 - 120
Dimethyl phthalate	1650	1630		ug/Kg		99	65 - 124
Fluoranthene	1650	1600		ug/Kg		97	62 - 120
Fluorene	1650	1600		ug/Kg		97	63 - 120
Hexachlorobenzene	1650	1560		ug/Kg		95	60 - 120
Hexachlorobutadiene	1650	1380		ug/Kg		84	45 - 120
Hexachlorocyclopentadiene	1650	1260		ug/Kg		77	47 - 120
Hexachloroethane	1650	1380		ug/Kg		84	41 - 120
Indeno[1,2,3-cd]pyrene	1650	1610		ug/Kg		98	56 - 134
Isophorone	1650	1570		ug/Kg		95	56 - 120
N-Nitrosodi-n-propylamine	1650	1550		ug/Kg		94	52 - 120
N-Nitrosodiphenylamine	1650	1670		ug/Kg		101	51 - 128
Naphthalene	1650	1470		ug/Kg		89	55 - 120
Nitrobenzene	1650	1490		ug/Kg		90	54 - 120
Pentachlorophenol	3300	3070		ug/Kg		93	51 - 120
Phenanthrene	1650	1660		ug/Kg		101	60 - 120
Phenol	1650	1460		ug/Kg		89	53 - 120
Pyrene	1650	1780		ug/Kg		108	61 - 133

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-625236/2-A
Matrix: Solid
Analysis Batch: 625285

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 625236

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*83*		*53 - 120*
Phenol-d5 (Surr)	*84*		*54 - 120*
p-Terphenyl-d14 (Surr)	*102*		*79 - 130*
2,4,6-Tribromophenol (Surr)	*91*		*54 - 120*
2-Fluorobiphenyl (Surr)	*88*		*60 - 120*
2-Fluorophenol (Surr)	*80*		*52 - 120*

Lab Sample ID: 480-197643-27 MS
Matrix: Solid
Analysis Batch: 625285

Client Sample ID: COMP-050422-0940
Prep Type: Total/NA
Prep Batch: 625236

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Biphenyl	ND		2200	2110		ug/Kg	☼	96	58 - 120
bis (2-chloroisopropyl) ether	ND		2200	1850		ug/Kg	☼	84	31 - 120
2,4,5-Trichlorophenol	ND		2200	2130		ug/Kg	☼	97	46 - 120
2,4,6-Trichlorophenol	ND		2200	2210		ug/Kg	☼	100	41 - 123
2,4-Dichlorophenol	ND		2200	2160		ug/Kg	☼	98	45 - 120
2,4-Dimethylphenol	ND		2200	2170		ug/Kg	☼	99	52 - 120
2,4-Dinitrophenol	ND		4400	5000		ug/Kg	☼	113	41 - 146
2,4-Dinitrotoluene	ND		2200	2420		ug/Kg	☼	110	63 - 125
2,6-Dinitrotoluene	ND		2200	2250		ug/Kg	☼	102	66 - 120
2-Chloronaphthalene	ND		2200	2070		ug/Kg	☼	94	57 - 120
2-Chlorophenol	ND		2200	1890		ug/Kg	☼	86	43 - 120
2-Methylphenol	ND		2200	2040		ug/Kg	☼	93	48 - 120
2-Methylnaphthalene	ND		2200	1990		ug/Kg	☼	90	55 - 120
2-Nitroaniline	ND		2200	2290		ug/Kg	☼	104	61 - 120
2-Nitrophenol	ND		2200	2190		ug/Kg	☼	99	37 - 120
3,3'-Dichlorobenzidine	ND		4400	4140		ug/Kg	☼	94	37 - 126
3-Nitroaniline	ND		2200	2010		ug/Kg	☼	91	48 - 120
4,6-Dinitro-2-methylphenol	ND		4400	5120		ug/Kg	☼	116	23 - 149
4-Bromophenyl phenyl ether	ND		2200	2170		ug/Kg	☼	98	58 - 120
4-Chloro-3-methylphenol	ND		2200	2230		ug/Kg	☼	101	49 - 125
4-Chloroaniline	ND		2200	1820		ug/Kg	☼	82	38 - 120
4-Chlorophenyl phenyl ether	ND		2200	2140		ug/Kg	☼	97	63 - 124
4-Methylphenol	ND		2200	2090		ug/Kg	☼	95	50 - 120
4-Nitroaniline	ND		2200	2260		ug/Kg	☼	102	47 - 120
4-Nitrophenol	ND		4400	4710		ug/Kg	☼	107	31 - 147
Acenaphthene	ND		2200	2220		ug/Kg	☼	101	60 - 120
Acenaphthylene	ND		2200	2030		ug/Kg	☼	92	58 - 121
Acetophenone	ND		2200	1900		ug/Kg	☼	86	47 - 120
Anthracene	ND		2200	2290		ug/Kg	☼	104	62 - 120
Atrazine	ND		4400	4470		ug/Kg	☼	102	60 - 150
Benzaldehyde	ND		4400	1360		ug/Kg	☼	31	10 - 150
Benzo[a]anthracene	84	J	2200	2360		ug/Kg	☼	103	65 - 120
Benzo[a]pyrene	92	J	2200	2130		ug/Kg	☼	93	64 - 120
Benzo[b]fluoranthene	120	J	2200	2370		ug/Kg	☼	102	10 - 150
Benzo[g,h,i]perylene	59	J	2200	2430		ug/Kg	☼	108	45 - 145
Benzo[k]fluoranthene	51	J	2200	2340		ug/Kg	☼	104	23 - 150

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-197643-27 MS
Matrix: Solid
Analysis Batch: 625285

Client Sample ID: COMP-050422-0940
Prep Type: Total/NA
Prep Batch: 625236

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethoxy)methane	ND		2200	2050		ug/Kg	☼	93	52 - 120
Bis(2-chloroethyl)ether	ND		2200	1820		ug/Kg	☼	83	45 - 120
Bis(2-ethylhexyl) phthalate	ND		2200	2400		ug/Kg	☼	109	61 - 133
Butyl benzyl phthalate	ND		2200	2410		ug/Kg	☼	110	61 - 120
Caprolactam	ND		4400	4650		ug/Kg	☼	106	37 - 133
Carbazole	ND		2200	2300		ug/Kg	☼	105	59 - 120
Chrysene	88	J	2200	2330		ug/Kg	☼	102	64 - 120
Dibenz(a,h)anthracene	ND		2200	2430		ug/Kg	☼	110	54 - 132
Di-n-butyl phthalate	ND		2200	2340		ug/Kg	☼	106	58 - 130
Di-n-octyl phthalate	ND		2200	2390		ug/Kg	☼	108	57 - 133
Dibenzofuran	ND		2200	2180		ug/Kg	☼	99	62 - 120
Diethyl phthalate	ND		2200	2240		ug/Kg	☼	102	66 - 120
Dimethyl phthalate	ND		2200	2200		ug/Kg	☼	100	65 - 124
Fluoranthene	190	J	2200	2330		ug/Kg	☼	97	62 - 120
Fluorene	ND		2200	2260		ug/Kg	☼	103	63 - 120
Hexachlorobenzene	ND		2200	2110		ug/Kg	☼	96	60 - 120
Hexachlorobutadiene	ND		2200	1760		ug/Kg	☼	80	45 - 120
Hexachlorocyclopentadiene	ND		2200	1580		ug/Kg	☼	72	31 - 120
Hexachloroethane	ND		2200	1680		ug/Kg	☼	76	21 - 120
Indeno[1,2,3-cd]pyrene	53	J	2200	2460		ug/Kg	☼	109	56 - 134
Isophorone	ND		2200	2140		ug/Kg	☼	97	56 - 120
N-Nitrosodi-n-propylamine	ND		2200	2050		ug/Kg	☼	93	46 - 120
N-Nitrosodiphenylamine	ND		2200	2230		ug/Kg	☼	101	20 - 128
Naphthalene	ND		2200	1930		ug/Kg	☼	88	46 - 120
Nitrobenzene	ND		2200	1960		ug/Kg	☼	89	49 - 120
Pentachlorophenol	ND		4400	4160		ug/Kg	☼	94	25 - 136
Phenanthrene	96	J	2200	2210		ug/Kg	☼	96	60 - 122
Phenol	ND		2200	1940		ug/Kg	☼	88	50 - 120
Pyrene	180	J	2200	2430		ug/Kg	☼	102	61 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*82*		*53 - 120*
Phenol-d5 (Surr)	*84*		*54 - 120*
p-Terphenyl-d14 (Surr)	*104*		*79 - 130*
2,4,6-Tribromophenol (Surr)	*96*		*54 - 120*
2-Fluorobiphenyl (Surr)	*90*		*60 - 120*
2-Fluorophenol (Surr)	*76*		*52 - 120*

Lab Sample ID: 480-197643-27 MSD
Matrix: Solid
Analysis Batch: 625285

Client Sample ID: COMP-050422-0940
Prep Type: Total/NA
Prep Batch: 625236

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Biphenyl	ND		2210	2120		ug/Kg	☼	96	58 - 120	1	20
bis (2-chloroisopropyl) ether	ND		2210	1980		ug/Kg	☼	90	31 - 120	7	24
2,4,5-Trichlorophenol	ND		2210	2220		ug/Kg	☼	101	46 - 120	5	18
2,4,6-Trichlorophenol	ND		2210	2240		ug/Kg	☼	101	41 - 123	1	19
2,4-Dichlorophenol	ND		2210	2170		ug/Kg	☼	98	45 - 120	0	19

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-197643-27 MSD
Client Sample ID: COMP-050422-0940
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 625285
Prep Batch: 625236

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-Dimethylphenol	ND		2210	2200		ug/Kg	☼	99	52 - 120	1	42
2,4-Dinitrophenol	ND		4420	5010		ug/Kg	☼	113	41 - 146	0	22
2,4-Dinitrotoluene	ND		2210	2390		ug/Kg	☼	108	63 - 125	1	20
2,6-Dinitrotoluene	ND		2210	2300		ug/Kg	☼	104	66 - 120	2	15
2-Chloronaphthalene	ND		2210	2100		ug/Kg	☼	95	57 - 120	2	21
2-Chlorophenol	ND		2210	1970		ug/Kg	☼	89	43 - 120	4	25
2-Methylphenol	ND		2210	2100		ug/Kg	☼	95	48 - 120	3	27
2-Methylnaphthalene	ND		2210	2050		ug/Kg	☼	93	55 - 120	3	21
2-Nitroaniline	ND		2210	2370		ug/Kg	☼	107	61 - 120	4	15
2-Nitrophenol	ND		2210	2250		ug/Kg	☼	102	37 - 120	3	18
3,3'-Dichlorobenzidine	ND		4420	3890		ug/Kg	☼	88	37 - 126	6	25
3-Nitroaniline	ND		2210	1980		ug/Kg	☼	90	48 - 120	2	19
4,6-Dinitro-2-methylphenol	ND		4420	5350		ug/Kg	☼	121	23 - 149	4	15
4-Bromophenyl phenyl ether	ND		2210	2230		ug/Kg	☼	101	58 - 120	3	15
4-Chloro-3-methylphenol	ND		2210	2340		ug/Kg	☼	106	49 - 125	5	27
4-Chloroaniline	ND		2210	1840		ug/Kg	☼	83	38 - 120	1	22
4-Chlorophenyl phenyl ether	ND		2210	2230		ug/Kg	☼	101	63 - 124	4	16
4-Methylphenol	ND		2210	2160		ug/Kg	☼	98	50 - 120	3	24
4-Nitroaniline	ND		2210	2050		ug/Kg	☼	93	47 - 120	10	24
4-Nitrophenol	ND		4420	4770		ug/Kg	☼	108	31 - 147	1	25
Acenaphthene	ND		2210	2230		ug/Kg	☼	101	60 - 120	0	35
Acenaphthylene	ND		2210	2060		ug/Kg	☼	93	58 - 121	2	18
Acetophenone	ND		2210	1990		ug/Kg	☼	90	47 - 120	5	20
Anthracene	ND		2210	2380		ug/Kg	☼	108	62 - 120	4	15
Atrazine	ND		4420	4630		ug/Kg	☼	105	60 - 150	4	20
Benzaldehyde	ND		4420	1210		ug/Kg	☼	27	10 - 150	12	20
Benzo[a]anthracene	84	J	2210	2380		ug/Kg	☼	104	65 - 120	1	15
Benzo[a]pyrene	92	J	2210	2170		ug/Kg	☼	94	64 - 120	2	15
Benzo[b]fluoranthene	120	J	2210	2380		ug/Kg	☼	102	10 - 150	0	15
Benzo[g,h,i]perylene	59	J	2210	2450		ug/Kg	☼	108	45 - 145	1	15
Benzo[k]fluoranthene	51	J	2210	2460		ug/Kg	☼	109	23 - 150	5	22
Bis(2-chloroethoxy)methane	ND		2210	2110		ug/Kg	☼	95	52 - 120	3	17
Bis(2-chloroethyl)ether	ND		2210	1920		ug/Kg	☼	87	45 - 120	5	21
Bis(2-ethylhexyl) phthalate	ND		2210	2530		ug/Kg	☼	115	61 - 133	5	15
Butyl benzyl phthalate	ND		2210	2520		ug/Kg	☼	114	61 - 120	4	16
Caprolactam	ND		4420	4790		ug/Kg	☼	108	37 - 133	3	20
Carbazole	ND		2210	2260		ug/Kg	☼	102	59 - 120	2	20
Chrysene	88	J	2210	2370		ug/Kg	☼	103	64 - 120	2	15
Dibenz(a,h)anthracene	ND		2210	2400		ug/Kg	☼	109	54 - 132	1	15
Di-n-butyl phthalate	ND		2210	2410		ug/Kg	☼	109	58 - 130	3	15
Di-n-octyl phthalate	ND		2210	2440		ug/Kg	☼	110	57 - 133	2	16
Dibenzofuran	ND		2210	2210		ug/Kg	☼	100	62 - 120	2	15
Diethyl phthalate	ND		2210	2340		ug/Kg	☼	106	66 - 120	4	15
Dimethyl phthalate	ND		2210	2260		ug/Kg	☼	102	65 - 124	3	15
Fluoranthene	190	J	2210	2530		ug/Kg	☼	106	62 - 120	8	15
Fluorene	ND		2210	2280		ug/Kg	☼	103	63 - 120	1	15
Hexachlorobenzene	ND		2210	2190		ug/Kg	☼	99	60 - 120	4	15
Hexachlorobutadiene	ND		2210	1900		ug/Kg	☼	86	45 - 120	7	44
Hexachlorocyclopentadiene	ND		2210	1670		ug/Kg	☼	76	31 - 120	6	49

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-197643-27 MSD
Client Sample ID: COMP-050422-0940
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 625285
Prep Batch: 625236

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexachloroethane	ND		2210	1780		ug/Kg	☼	81	21 - 120	6	46
Indeno[1,2,3-cd]pyrene	53	J	2210	2490		ug/Kg	☼	110	56 - 134	1	15
Isophorone	ND		2210	2220		ug/Kg	☼	100	56 - 120	4	17
N-Nitrosodi-n-propylamine	ND		2210	2130		ug/Kg	☼	96	46 - 120	4	31
N-Nitrosodiphenylamine	ND		2210	2290		ug/Kg	☼	104	20 - 128	3	15
Naphthalene	ND		2210	2000		ug/Kg	☼	90	46 - 120	3	29
Nitrobenzene	ND		2210	2020		ug/Kg	☼	91	49 - 120	3	24
Pentachlorophenol	ND		4420	4690		ug/Kg	☼	106	25 - 136	12	35
Phenanthrene	96	J	2210	2470		ug/Kg	☼	107	60 - 122	11	15
Phenol	ND		2210	2040		ug/Kg	☼	92	50 - 120	5	35
Pyrene	180	J	2210	2630		ug/Kg	☼	111	61 - 133	8	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*85*		*53 - 120*
Phenol-d5 (Surr)	*85*		*54 - 120*
p-Terphenyl-d14 (Surr)	*105*		*79 - 130*
2,4,6-Tribromophenol (Surr)	*95*		*54 - 120*
2-Fluorobiphenyl (Surr)	*91*		*60 - 120*
2-Fluorophenol (Surr)	*78*		*52 - 120*

Lab Sample ID: MB 480-625303/1-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 625612
Prep Batch: 625303

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		05/10/22 09:26	05/11/22 18:45	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		05/10/22 09:26	05/11/22 18:45	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		05/10/22 09:26	05/11/22 18:45	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		05/10/22 09:26	05/11/22 18:45	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		05/10/22 09:26	05/11/22 18:45	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		05/10/22 09:26	05/11/22 18:45	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		05/10/22 09:26	05/11/22 18:45	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		05/10/22 09:26	05/11/22 18:45	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		05/10/22 09:26	05/11/22 18:45	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		05/10/22 09:26	05/11/22 18:45	1
2-Chlorophenol	ND		5.0	0.53	ug/L		05/10/22 09:26	05/11/22 18:45	1
2-Methylphenol	ND		5.0	0.40	ug/L		05/10/22 09:26	05/11/22 18:45	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		05/10/22 09:26	05/11/22 18:45	1
2-Nitroaniline	ND		10	0.42	ug/L		05/10/22 09:26	05/11/22 18:45	1
2-Nitrophenol	ND		5.0	0.48	ug/L		05/10/22 09:26	05/11/22 18:45	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		05/10/22 09:26	05/11/22 18:45	1
3-Nitroaniline	ND		10	0.48	ug/L		05/10/22 09:26	05/11/22 18:45	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		05/10/22 09:26	05/11/22 18:45	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		05/10/22 09:26	05/11/22 18:45	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		05/10/22 09:26	05/11/22 18:45	1
4-Chloroaniline	ND		5.0	0.59	ug/L		05/10/22 09:26	05/11/22 18:45	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		05/10/22 09:26	05/11/22 18:45	1
4-Methylphenol	ND		10	0.36	ug/L		05/10/22 09:26	05/11/22 18:45	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-625303/1-A
Matrix: Water
Analysis Batch: 625612

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 625303

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		10	0.25	ug/L		05/10/22 09:26	05/11/22 18:45	1
4-Nitrophenol	ND		10	1.5	ug/L		05/10/22 09:26	05/11/22 18:45	1
Acenaphthene	ND		5.0	0.41	ug/L		05/10/22 09:26	05/11/22 18:45	1
Acenaphthylene	ND		5.0	0.38	ug/L		05/10/22 09:26	05/11/22 18:45	1
Acetophenone	ND		5.0	0.54	ug/L		05/10/22 09:26	05/11/22 18:45	1
Anthracene	ND		5.0	0.28	ug/L		05/10/22 09:26	05/11/22 18:45	1
Atrazine	ND		5.0	0.46	ug/L		05/10/22 09:26	05/11/22 18:45	1
Benzaldehyde	ND		5.0	0.27	ug/L		05/10/22 09:26	05/11/22 18:45	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		05/10/22 09:26	05/11/22 18:45	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		05/10/22 09:26	05/11/22 18:45	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		05/10/22 09:26	05/11/22 18:45	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		05/10/22 09:26	05/11/22 18:45	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		05/10/22 09:26	05/11/22 18:45	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		05/10/22 09:26	05/11/22 18:45	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		05/10/22 09:26	05/11/22 18:45	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		05/10/22 09:26	05/11/22 18:45	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		05/10/22 09:26	05/11/22 18:45	1
Caprolactam	ND		5.0	2.2	ug/L		05/10/22 09:26	05/11/22 18:45	1
Carbazole	ND		5.0	0.30	ug/L		05/10/22 09:26	05/11/22 18:45	1
Chrysene	ND		5.0	0.33	ug/L		05/10/22 09:26	05/11/22 18:45	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/10/22 09:26	05/11/22 18:45	1
Di-n-butyl phthalate	1.37	J	5.0	0.31	ug/L		05/10/22 09:26	05/11/22 18:45	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		05/10/22 09:26	05/11/22 18:45	1
Dibenzofuran	ND		10	0.51	ug/L		05/10/22 09:26	05/11/22 18:45	1
Diethyl phthalate	ND		5.0	0.22	ug/L		05/10/22 09:26	05/11/22 18:45	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		05/10/22 09:26	05/11/22 18:45	1
Fluoranthene	ND		5.0	0.40	ug/L		05/10/22 09:26	05/11/22 18:45	1
Fluorene	ND		5.0	0.36	ug/L		05/10/22 09:26	05/11/22 18:45	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		05/10/22 09:26	05/11/22 18:45	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		05/10/22 09:26	05/11/22 18:45	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		05/10/22 09:26	05/11/22 18:45	1
Hexachloroethane	ND		5.0	0.59	ug/L		05/10/22 09:26	05/11/22 18:45	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		05/10/22 09:26	05/11/22 18:45	1
Isophorone	ND		5.0	0.43	ug/L		05/10/22 09:26	05/11/22 18:45	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		05/10/22 09:26	05/11/22 18:45	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		05/10/22 09:26	05/11/22 18:45	1
Naphthalene	ND		5.0	0.76	ug/L		05/10/22 09:26	05/11/22 18:45	1
Nitrobenzene	ND		5.0	0.29	ug/L		05/10/22 09:26	05/11/22 18:45	1
Pentachlorophenol	ND		10	2.2	ug/L		05/10/22 09:26	05/11/22 18:45	1
Phenanthrene	ND		5.0	0.44	ug/L		05/10/22 09:26	05/11/22 18:45	1
Phenol	ND		5.0	0.39	ug/L		05/10/22 09:26	05/11/22 18:45	1
Pyrene	ND		5.0	0.34	ug/L		05/10/22 09:26	05/11/22 18:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*79*		*46 - 120*	*05/10/22 09:26*	*05/11/22 18:45*	*1*
Phenol-d5 (Surr)	*43*		*22 - 120*	*05/10/22 09:26*	*05/11/22 18:45*	*1*
p-Terphenyl-d14 (Surr)	*103*		*60 - 148*	*05/10/22 09:26*	*05/11/22 18:45*	*1*
2,4,6-Tribromophenol (Surr)	*82*		*41 - 120*	*05/10/22 09:26*	*05/11/22 18:45*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-625303/1-A
Matrix: Water
Analysis Batch: 625612

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 625303

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	92		48 - 120	05/10/22 09:26	05/11/22 18:45	1
2-Fluorophenol (Surr)	61		35 - 120	05/10/22 09:26	05/11/22 18:45	1

Lab Sample ID: LCS 480-625303/2-A
Matrix: Water
Analysis Batch: 625612

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 625303

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biphenyl	32.0	34.7		ug/L		108	59 - 120
bis (2-chloroisopropyl) ether	32.0	33.0		ug/L		103	21 - 136
2,4,5-Trichlorophenol	32.0	38.7		ug/L		121	65 - 126
2,4,6-Trichlorophenol	32.0	38.5		ug/L		120	64 - 120
2,4-Dichlorophenol	32.0	36.2		ug/L		113	63 - 120
2,4-Dimethylphenol	32.0	32.2		ug/L		101	47 - 120
2,4-Dinitrophenol	64.0	80.8		ug/L		126	31 - 137
2,4-Dinitrotoluene	32.0	41.3	*+	ug/L		129	69 - 120
2,6-Dinitrotoluene	32.0	39.2	*+	ug/L		122	68 - 120
2-Chloronaphthalene	32.0	34.9		ug/L		109	58 - 120
2-Chlorophenol	32.0	31.6		ug/L		99	48 - 120
2-Methylphenol	32.0	30.3		ug/L		95	39 - 120
2-Methylnaphthalene	32.0	32.3		ug/L		101	59 - 120
2-Nitroaniline	32.0	30.2		ug/L		94	54 - 127
2-Nitrophenol	32.0	35.9		ug/L		112	52 - 125
3,3'-Dichlorobenzidine	64.0	67.9		ug/L		106	49 - 135
3-Nitroaniline	32.0	33.1		ug/L		104	51 - 120
4,6-Dinitro-2-methylphenol	64.0	85.9		ug/L		134	46 - 136
4-Bromophenyl phenyl ether	32.0	37.5		ug/L		117	65 - 120
4-Chloro-3-methylphenol	32.0	35.1		ug/L		110	61 - 123
4-Chloroaniline	32.0	26.8		ug/L		84	30 - 120
4-Chlorophenyl phenyl ether	32.0	38.0		ug/L		119	62 - 120
4-Methylphenol	32.0	29.5		ug/L		92	29 - 131
4-Nitroaniline	32.0	38.8	*+	ug/L		121	65 - 120
4-Nitrophenol	64.0	35.4		ug/L		55	45 - 120
Acenaphthene	32.0	35.4		ug/L		111	60 - 120
Acenaphthylene	32.0	33.6		ug/L		105	63 - 120
Acetophenone	32.0	32.7		ug/L		102	45 - 120
Anthracene	32.0	37.0		ug/L		116	67 - 120
Atrazine	64.0	79.0		ug/L		123	71 - 130
Benzaldehyde	64.0	60.6		ug/L		95	10 - 140
Benzo[a]anthracene	32.0	38.7		ug/L		121	70 - 121
Benzo[a]pyrene	32.0	32.8		ug/L		102	60 - 123
Benzo[b]fluoranthene	32.0	37.2		ug/L		116	66 - 126
Benzo[g,h,i]perylene	32.0	35.2		ug/L		110	66 - 150
Benzo[k]fluoranthene	32.0	38.1		ug/L		119	65 - 124
Bis(2-chloroethoxy)methane	32.0	37.4		ug/L		117	50 - 128
Bis(2-chloroethyl)ether	32.0	35.7		ug/L		112	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	29.8		ug/L		93	63 - 139
Butyl benzyl phthalate	32.0	35.3		ug/L		110	70 - 129

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-625303/2-A
Matrix: Water
Analysis Batch: 625612

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 625303

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Caprolactam	64.0	29.4		ug/L		46	22 - 120
Carbazole	32.0	57.9	*+	ug/L		181	66 - 123
Chrysene	32.0	37.8		ug/L		118	69 - 120
Dibenz(a,h)anthracene	32.0	35.2		ug/L		110	65 - 135
Di-n-butyl phthalate	32.0	36.3		ug/L		113	69 - 131
Di-n-octyl phthalate	32.0	30.1		ug/L		94	63 - 140
Dibenzofuran	32.0	37.8		ug/L		118	66 - 120
Diethyl phthalate	32.0	36.8		ug/L		115	59 - 127
Dimethyl phthalate	32.0	39.7	*+	ug/L		124	68 - 120
Fluoranthene	32.0	39.0		ug/L		122	69 - 126
Fluorene	32.0	37.4		ug/L		117	66 - 120
Hexachlorobenzene	32.0	34.6		ug/L		108	61 - 120
Hexachlorobutadiene	32.0	26.7		ug/L		84	35 - 120
Hexachlorocyclopentadiene	32.0	16.5		ug/L		52	31 - 120
Hexachloroethane	32.0	24.9		ug/L		78	43 - 120
Indeno[1,2,3-cd]pyrene	32.0	35.3		ug/L		110	69 - 146
Isophorone	32.0	34.9		ug/L		109	55 - 120
N-Nitrosodi-n-propylamine	32.0	34.4		ug/L		107	32 - 140
N-Nitrosodiphenylamine	32.0	36.0		ug/L		113	61 - 120
Naphthalene	32.0	33.2		ug/L		104	57 - 120
Nitrobenzene	32.0	30.5		ug/L		95	53 - 123
Pentachlorophenol	64.0	71.0		ug/L		111	29 - 136
Phenanthrene	32.0	38.0		ug/L		119	68 - 120
Phenol	32.0	21.7		ug/L		68	17 - 120
Pyrene	32.0	38.6		ug/L		121	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*90*		*46 - 120*
Phenol-d5 (Surr)	*58*		*22 - 120*
p-Terphenyl-d14 (Surr)	*119*		*60 - 148*
2,4,6-Tribromophenol (Surr)	*114*		*41 - 120*
2-Fluorobiphenyl (Surr)	*110*		*48 - 120*
2-Fluorophenol (Surr)	*79*		*35 - 120*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 480-625269/1-A
Matrix: Water
Analysis Batch: 625370

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 625269

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		05/10/22 07:00	05/10/22 14:33	1
4,4'-DDE	ND		0.050	0.012	ug/L		05/10/22 07:00	05/10/22 14:33	1
4,4'-DDT	ND		0.050	0.011	ug/L		05/10/22 07:00	05/10/22 14:33	1
Aldrin	ND		0.050	0.0081	ug/L		05/10/22 07:00	05/10/22 14:33	1
alpha-BHC	ND		0.050	0.0077	ug/L		05/10/22 07:00	05/10/22 14:33	1
cis-Chlordane	ND		0.050	0.015	ug/L		05/10/22 07:00	05/10/22 14:33	1
beta-BHC	ND		0.050	0.025	ug/L		05/10/22 07:00	05/10/22 14:33	1
delta-BHC	ND		0.050	0.010	ug/L		05/10/22 07:00	05/10/22 14:33	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 480-625269/1-A
Matrix: Water
Analysis Batch: 625370

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 625269

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin	ND		0.050	0.0098	ug/L		05/10/22 07:00	05/10/22 14:33	1
Endosulfan I	ND		0.050	0.011	ug/L		05/10/22 07:00	05/10/22 14:33	1
Endosulfan II	ND		0.050	0.012	ug/L		05/10/22 07:00	05/10/22 14:33	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		05/10/22 07:00	05/10/22 14:33	1
Endrin	ND		0.050	0.014	ug/L		05/10/22 07:00	05/10/22 14:33	1
Endrin aldehyde	0.0258	J	0.050	0.016	ug/L		05/10/22 07:00	05/10/22 14:33	1
Endrin ketone	ND		0.050	0.012	ug/L		05/10/22 07:00	05/10/22 14:33	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		05/10/22 07:00	05/10/22 14:33	1
trans-Chlordane	ND		0.050	0.011	ug/L		05/10/22 07:00	05/10/22 14:33	1
Heptachlor	ND		0.050	0.0085	ug/L		05/10/22 07:00	05/10/22 14:33	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		05/10/22 07:00	05/10/22 14:33	1
Methoxychlor	ND		0.050	0.014	ug/L		05/10/22 07:00	05/10/22 14:33	1
Toxaphene	ND		0.50	0.12	ug/L		05/10/22 07:00	05/10/22 14:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*43*		*20 - 120*	*05/10/22 07:00*	*05/10/22 14:33*	*1*
Tetrachloro-m-xylene	*105*		*44 - 120*	*05/10/22 07:00*	*05/10/22 14:33*	*1*

Lab Sample ID: LCS 480-625269/2-A
Matrix: Water
Analysis Batch: 625370

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 625269

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.400	0.476		ug/L		119	64 - 129
4,4'-DDE	0.400	0.375		ug/L		94	50 - 120
4,4'-DDT	0.400	0.415		ug/L		104	59 - 120
Aldrin	0.400	0.297		ug/L		74	40 - 125
alpha-BHC	0.400	0.290		ug/L		73	52 - 125
cis-Chlordane	0.400	0.373		ug/L		93	52 - 120
beta-BHC	0.400	0.398		ug/L		99	51 - 120
delta-BHC	0.400	0.373		ug/L		93	51 - 120
Dieldrin	0.400	0.462		ug/L		116	66 - 128
Endosulfan I	0.400	0.397		ug/L		99	57 - 120
Endosulfan II	0.400	0.508		ug/L		127	66 - 131
Endosulfan sulfate	0.400	0.364		ug/L		91	66 - 136
Endrin	0.400	0.492		ug/L		123	65 - 135
Endrin aldehyde	0.400	0.428		ug/L		107	61 - 134
Endrin ketone	0.400	0.439		ug/L		110	71 - 133
gamma-BHC (Lindane)	0.400	0.347		ug/L		87	56 - 120
trans-Chlordane	0.400	0.414		ug/L		104	54 - 120
Heptachlor	0.400	0.384		ug/L		96	58 - 120
Heptachlor epoxide	0.400	0.473		ug/L		118	65 - 125
Methoxychlor	0.400	0.356		ug/L		89	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*57*		*20 - 120*
Tetrachloro-m-xylene	*112*		*44 - 120*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 480-625634/1-A
Matrix: Solid
Analysis Batch: 625708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 625634

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		1.6	0.32	ug/Kg		05/11/22 15:28	05/12/22 12:23	1
4,4'-DDE	ND		1.6	0.34	ug/Kg		05/11/22 15:28	05/12/22 12:23	1
4,4'-DDT	ND		1.6	0.38	ug/Kg		05/11/22 15:28	05/12/22 12:23	1
Aldrin	ND		1.6	0.40	ug/Kg		05/11/22 15:28	05/12/22 12:23	1
alpha-BHC	ND		1.6	0.29	ug/Kg		05/11/22 15:28	05/12/22 12:23	1
cis-Chlordane	ND		1.6	0.81	ug/Kg		05/11/22 15:28	05/12/22 12:23	1
beta-BHC	ND		1.6	0.29	ug/Kg		05/11/22 15:28	05/12/22 12:23	1
delta-BHC	ND		1.6	0.30	ug/Kg		05/11/22 15:28	05/12/22 12:23	1
Dieldrin	ND		1.6	0.39	ug/Kg		05/11/22 15:28	05/12/22 12:23	1
Endosulfan I	ND		1.6	0.31	ug/Kg		05/11/22 15:28	05/12/22 12:23	1
Endosulfan II	ND		1.6	0.29	ug/Kg		05/11/22 15:28	05/12/22 12:23	1
Endosulfan sulfate	ND		1.6	0.30	ug/Kg		05/11/22 15:28	05/12/22 12:23	1
Endrin	ND		1.6	0.32	ug/Kg		05/11/22 15:28	05/12/22 12:23	1
Endrin aldehyde	ND		1.6	0.42	ug/Kg		05/11/22 15:28	05/12/22 12:23	1
Endrin ketone	ND		1.6	0.40	ug/Kg		05/11/22 15:28	05/12/22 12:23	1
gamma-BHC (Lindane)	ND		1.6	0.30	ug/Kg		05/11/22 15:28	05/12/22 12:23	1
trans-Chlordane	ND		1.6	0.52	ug/Kg		05/11/22 15:28	05/12/22 12:23	1
Heptachlor	ND		1.6	0.35	ug/Kg		05/11/22 15:28	05/12/22 12:23	1
Heptachlor epoxide	ND		1.6	0.42	ug/Kg		05/11/22 15:28	05/12/22 12:23	1
Methoxychlor	ND		1.6	0.33	ug/Kg		05/11/22 15:28	05/12/22 12:23	1
Toxaphene	ND		16	9.5	ug/Kg		05/11/22 15:28	05/12/22 12:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*70*		*45 - 120*	*05/11/22 15:28*	*05/12/22 12:23*	*1*
Tetrachloro-m-xylene	*53*		*30 - 124*	*05/11/22 15:28*	*05/12/22 12:23*	*1*

Lab Sample ID: LCS 480-625634/2-A
Matrix: Solid
Analysis Batch: 625708

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 625634

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	16.3	12.1		ug/Kg		74	56 - 120
4,4'-DDE	16.3	10.9		ug/Kg		67	44 - 120
4,4'-DDT	16.3	10.4		ug/Kg		64	38 - 120
Aldrin	16.3	10.2		ug/Kg		63	38 - 120
alpha-BHC	16.3	9.29		ug/Kg		57	39 - 120
cis-Chlordane	16.3	11.7		ug/Kg		72	47 - 120
beta-BHC	16.3	9.97		ug/Kg		61	40 - 120
delta-BHC	16.3	9.45		ug/Kg		58	45 - 120
Dieldrin	16.3	11.1		ug/Kg		68	58 - 120
Endosulfan I	16.3	11.5		ug/Kg		71	49 - 120
Endosulfan II	16.3	10.4		ug/Kg		64	55 - 120
Endosulfan sulfate	16.3	8.11		ug/Kg		50	49 - 124
Endrin	16.3	11.8		ug/Kg		73	58 - 120
Endrin aldehyde	16.3	9.93		ug/Kg		61	37 - 121
Endrin ketone	16.3	10.5		ug/Kg		64	46 - 123
gamma-BHC (Lindane)	16.3	9.15		ug/Kg		56	50 - 120
trans-Chlordane	16.3	11.6		ug/Kg		71	48 - 120

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 480-625634/2-A
Matrix: Solid
Analysis Batch: 625708

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 625634

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Heptachlor			16.3	9.88		ug/Kg		61	50 - 120		
Heptachlor epoxide			16.3	11.7		ug/Kg		72	50 - 120		
Methoxychlor			16.3	11.7		ug/Kg		71	58 - 133		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*69*		*45 - 120*
Tetrachloro-m-xylene	*51*		*30 - 124*

Lab Sample ID: 480-197643-27 MS
Matrix: Solid
Analysis Batch: 625708

Client Sample ID: COMP-050422-0940
Prep Type: Total/NA
Prep Batch: 625634

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
4,4'-DDD	ND		22.1	20.4		ug/Kg	☼	93	37 - 126		
4,4'-DDE	9.3		22.1	27.0		ug/Kg	☼	80	34 - 120		
4,4'-DDT	2.1	J	22.1	19.5		ug/Kg	☼	79	43 - 123		
Aldrin	ND		22.1	18.2		ug/Kg	☼	83	37 - 125		
alpha-BHC	ND		22.1	16.7		ug/Kg	☼	76	39 - 120		
cis-Chlordane	ND		22.1	20.6		ug/Kg	☼	94	35 - 120		
beta-BHC	ND		22.1	16.2		ug/Kg	☼	73	36 - 120		
delta-BHC	ND		22.1	17.8		ug/Kg	☼	81	34 - 120		
Dieldrin	ND		22.1	20.7		ug/Kg	☼	94	45 - 120		
Endosulfan I	ND		22.1	20.7		ug/Kg	☼	94	39 - 120		
Endosulfan II	ND		22.1	18.9		ug/Kg	☼	86	34 - 126		
Endosulfan sulfate	ND		22.1	19.9		ug/Kg	☼	90	27 - 130		
Endrin	ND		22.1	21.0		ug/Kg	☼	95	47 - 121		
Endrin aldehyde	ND		22.1	17.2		ug/Kg	☼	78	33 - 123		
Endrin ketone	ND		22.1	18.3		ug/Kg	☼	80	43 - 126		
gamma-BHC (Lindane)	ND		22.1	15.6		ug/Kg	☼	71	50 - 120		
trans-Chlordane	ND		22.1	19.2		ug/Kg	☼	87	31 - 120		
Heptachlor	ND		22.1	16.9		ug/Kg	☼	77	42 - 120		
Heptachlor epoxide	ND		22.1	20.9		ug/Kg	☼	95	40 - 120		
Methoxychlor	ND		22.1	21.8		ug/Kg	☼	99	44 - 150		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*104*		*45 - 120*
Tetrachloro-m-xylene	*72*		*30 - 124*

Lab Sample ID: 480-197643-27 MSD
Matrix: Solid
Analysis Batch: 625708

Client Sample ID: COMP-050422-0940
Prep Type: Total/NA
Prep Batch: 625634

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	ND		22.0	18.3		ug/Kg	☼	83	37 - 126	11	21
4,4'-DDE	9.3		22.0	26.4		ug/Kg	☼	78	34 - 120	2	18
4,4'-DDT	2.1	J	22.0	20.1		ug/Kg	☼	82	43 - 123	3	25
Aldrin	ND		22.0	16.2		ug/Kg	☼	74	37 - 125	12	12
alpha-BHC	ND		22.0	15.6		ug/Kg	☼	71	39 - 120	7	15

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 480-197643-27 MSD
Matrix: Solid
Analysis Batch: 625708

Client Sample ID: COMP-050422-0940
Prep Type: Total/NA
Prep Batch: 625634

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-Chlordane	ND		22.0	19.9		ug/Kg	☼	91	35 - 120	4	23
beta-BHC	ND		22.0	15.6		ug/Kg	☼	71	36 - 120	3	19
delta-BHC	ND		22.0	16.5		ug/Kg	☼	75	34 - 120	8	14
Dieldrin	ND		22.0	18.8		ug/Kg	☼	86	45 - 120	9	12
Endosulfan I	ND		22.0	18.1		ug/Kg	☼	82	39 - 120	14	18
Endosulfan II	ND		22.0	17.0		ug/Kg	☼	77	34 - 126	11	26
Endosulfan sulfate	ND		22.0	18.2		ug/Kg	☼	83	27 - 130	9	35
Endrin	ND		22.0	18.9		ug/Kg	☼	86	47 - 121	11	20
Endrin aldehyde	ND		22.0	14.9		ug/Kg	☼	68	33 - 123	14	47
Endrin ketone	ND		22.0	18.3		ug/Kg	☼	80	43 - 126	0	37
gamma-BHC (Lindane)	ND		22.0	15.4		ug/Kg	☼	70	50 - 120	1	12
trans-Chlordane	ND		22.0	17.6		ug/Kg	☼	80	31 - 120	8	15
Heptachlor	ND		22.0	17.3		ug/Kg	☼	79	42 - 120	2	22
Heptachlor epoxide	ND		22.0	19.6		ug/Kg	☼	89	40 - 120	7	15
Methoxychlor	ND		22.0	22.8		ug/Kg	☼	104	44 - 150	5	24

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*101*		*45 - 120*
Tetrachloro-m-xylene	*70*		*30 - 124*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-625432/1-A
Matrix: Solid
Analysis Batch: 625578

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 625432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.20	0.040	mg/Kg		05/10/22 15:44	05/11/22 14:58	1
PCB-1221	ND		0.20	0.040	mg/Kg		05/10/22 15:44	05/11/22 14:58	1
PCB-1232	ND		0.20	0.040	mg/Kg		05/10/22 15:44	05/11/22 14:58	1
PCB-1242	ND		0.20	0.040	mg/Kg		05/10/22 15:44	05/11/22 14:58	1
PCB-1248	ND		0.20	0.040	mg/Kg		05/10/22 15:44	05/11/22 14:58	1
PCB-1254	ND		0.20	0.095	mg/Kg		05/10/22 15:44	05/11/22 14:58	1
PCB-1260	ND		0.20	0.095	mg/Kg		05/10/22 15:44	05/11/22 14:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*114*		*60 - 154*	*05/10/22 15:44*	*05/11/22 14:58*	*1*
DCB Decachlorobiphenyl	*110*		*65 - 174*	*05/10/22 15:44*	*05/11/22 14:58*	*1*

Lab Sample ID: LCS 480-625432/2-A
Matrix: Solid
Analysis Batch: 625578

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 625432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	2.13	2.76		mg/Kg		130	51 - 185
PCB-1260	2.13	2.78		mg/Kg		131	61 - 184

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 480-625432/2-A
Matrix: Solid
Analysis Batch: 625578

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 625432

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	133		60 - 154
DCB Decachlorobiphenyl	128		65 - 174

Lab Sample ID: 480-197643-27 MS
Matrix: Solid
Analysis Batch: 625578

Client Sample ID: COMP-050422-0940
Prep Type: Total/NA
Prep Batch: 625432

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016	ND		2.97	2.49		mg/Kg	☼	84	50 - 177		
PCB-1260	ND		2.97	3.01		mg/Kg	☼	101	33 - 200		

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	94		60 - 154
DCB Decachlorobiphenyl	88		65 - 174

Lab Sample ID: 480-197643-27 MSD
Matrix: Solid
Analysis Batch: 625578

Client Sample ID: COMP-050422-0940
Prep Type: Total/NA
Prep Batch: 625432

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		2.62	2.19		mg/Kg	☼	83	50 - 177	13	50
PCB-1260	ND		2.62	2.55		mg/Kg	☼	97	33 - 200	16	50

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	104		60 - 154
DCB Decachlorobiphenyl	92		65 - 174

Lab Sample ID: MB 480-625716/1-A
Matrix: Water
Analysis Batch: 625815

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 625716

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		05/12/22 08:27	05/12/22 17:54	1
PCB-1221	ND		0.50	0.18	ug/L		05/12/22 08:27	05/12/22 17:54	1
PCB-1232	ND		0.50	0.18	ug/L		05/12/22 08:27	05/12/22 17:54	1
PCB-1242	ND		0.50	0.18	ug/L		05/12/22 08:27	05/12/22 17:54	1
PCB-1248	ND		0.50	0.18	ug/L		05/12/22 08:27	05/12/22 17:54	1
PCB-1254	ND		0.50	0.25	ug/L		05/12/22 08:27	05/12/22 17:54	1
PCB-1260	ND		0.50	0.25	ug/L		05/12/22 08:27	05/12/22 17:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	62		39 - 121	05/12/22 08:27	05/12/22 17:54	1
DCB Decachlorobiphenyl	43		19 - 120	05/12/22 08:27	05/12/22 17:54	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 480-625716/2-A
Matrix: Water
Analysis Batch: 625815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 625716

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	4.00	2.77		ug/L		69	62 - 130
PCB-1260	4.00	2.55		ug/L		64	56 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*57*		*39 - 121*
DCB Decachlorobiphenyl	*27*		*19 - 120*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-625398/1-A
Matrix: Solid
Analysis Batch: 626221

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 625398

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		10.0	4.4	mg/Kg		05/10/22 15:03	05/14/22 17:32	1
Antimony	ND		15.1	0.40	mg/Kg		05/10/22 15:03	05/14/22 17:32	1
Arsenic	ND		2.0	0.40	mg/Kg		05/10/22 15:03	05/14/22 17:32	1
Barium	ND		0.50	0.11	mg/Kg		05/10/22 15:03	05/14/22 17:32	1
Beryllium	ND		0.20	0.028	mg/Kg		05/10/22 15:03	05/14/22 17:32	1
Cadmium	ND		0.20	0.030	mg/Kg		05/10/22 15:03	05/14/22 17:32	1
Calcium	6.94	J	50.2	3.3	mg/Kg		05/10/22 15:03	05/14/22 17:32	1
Chromium	ND		0.50	0.20	mg/Kg		05/10/22 15:03	05/14/22 17:32	1
Cobalt	ND		0.50	0.050	mg/Kg		05/10/22 15:03	05/14/22 17:32	1
Copper	ND		1.0	0.21	mg/Kg		05/10/22 15:03	05/14/22 17:32	1
Iron	7.03	J	10.0	3.5	mg/Kg		05/10/22 15:03	05/14/22 17:32	1
Lead	ND		1.0	0.24	mg/Kg		05/10/22 15:03	05/14/22 17:32	1
Magnesium	1.56	J	20.1	0.93	mg/Kg		05/10/22 15:03	05/14/22 17:32	1
Manganese	0.164	J	0.20	0.032	mg/Kg		05/10/22 15:03	05/14/22 17:32	1
Nickel	ND		5.0	0.23	mg/Kg		05/10/22 15:03	05/14/22 17:32	1
Potassium	ND		30.1	20.1	mg/Kg		05/10/22 15:03	05/14/22 17:32	1
Selenium	ND		4.0	0.40	mg/Kg		05/10/22 15:03	05/14/22 17:32	1
Silver	ND		0.60	0.20	mg/Kg		05/10/22 15:03	05/14/22 17:32	1
Sodium	14.42	J	140	13.0	mg/Kg		05/10/22 15:03	05/14/22 17:32	1
Thallium	ND		6.0	0.30	mg/Kg		05/10/22 15:03	05/14/22 17:32	1
Vanadium	ND		0.50	0.11	mg/Kg		05/10/22 15:03	05/14/22 17:32	1
Zinc	ND		2.0	0.64	mg/Kg		05/10/22 15:03	05/14/22 17:32	1

Lab Sample ID: LCSSRM 480-625398/2-A
Matrix: Solid
Analysis Batch: 626221

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 625398

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	8130	9889		mg/Kg		121.6	49.9 - 150.1
Antimony	134	97.68		mg/Kg		72.9	19.3 - 250.0
Arsenic	156	144.2		mg/Kg		92.4	69.9 - 130.1
Barium	239	225.8		mg/Kg		94.5	74.9 - 124.7

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-625398/2-A
Matrix: Solid
Analysis Batch: 626221

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 625398

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	169	152.0		mg/Kg		90.0	75.1 - 125.4
Cadmium	137	120.0		mg/Kg		87.6	75.2 - 124.8
Calcium	4760	4336		mg/Kg		91.1	72.7 - 127.5
Chromium	154	145.7		mg/Kg		94.6	70.1 - 129.9
Cobalt	121	125.7		mg/Kg		103.9	75.0 - 124.8
Copper	54.9	50.30		mg/Kg		91.6	74.9 - 125.0
Iron	14100	15760		mg/Kg		111.8	34.9 - 164.5
Lead	130	137.5		mg/Kg		105.8	71.8 - 128.5
Magnesium	2320	2250		mg/Kg		97.0	62.1 - 137.9
Manganese	269	250.9		mg/Kg		93.3	74.0 - 126.4
Nickel	58.7	56.85		mg/Kg		96.8	64.2 - 119.3
Potassium	2020	2303		mg/Kg		114.0	58.9 - 141.1
Selenium	167	152.2		mg/Kg		91.2	67.7 - 132.3
Silver	33.6	29.00		mg/Kg		86.3	68.5 - 131.3
Sodium	133	161.7		mg/Kg		121.6	35.0 - 165.4
Thallium	112	120.5		mg/Kg		107.6	67.9 - 131.3
Vanadium	62.6	68.74		mg/Kg		109.8	59.1 - 141.1
Zinc	158	135.4		mg/Kg		85.7	70.3 - 129.7

Lab Sample ID: 480-197643-27 MS
Matrix: Solid
Analysis Batch: 626221

Client Sample ID: COMP-050422-0940
Prep Type: Total/NA
Prep Batch: 625398

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	15500		2690	24150	4	mg/Kg	☼	320	75 - 125
Antimony	2.5	J F1	53.8	35.70	F1	mg/Kg	☼	62	75 - 125
Arsenic	5.3		53.8	53.20		mg/Kg	☼	89	75 - 125
Barium	86.4	F1	53.8	156.1	F1	mg/Kg	☼	130	75 - 125
Beryllium	0.64		53.8	49.18		mg/Kg	☼	90	75 - 125
Cadmium	0.30		53.8	47.07		mg/Kg	☼	87	75 - 125
Calcium	12900	B F2	2690	14300	4	mg/Kg	☼	53	75 - 125
Chromium	25.6		53.8	73.38		mg/Kg	☼	89	75 - 125
Cobalt	7.4		53.8	62.91		mg/Kg	☼	103	75 - 125
Copper	46.9	F1	53.8	70.35	F1	mg/Kg	☼	44	75 - 125
Iron	18100	B	2690	21590	4	mg/Kg	☼	130	75 - 125

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 480-197643-27 MS
Matrix: Solid
Analysis Batch: 626221

Client Sample ID: COMP-050422-0940
Prep Type: Total/NA
Prep Batch: 625398

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	23.8		53.8	71.29		mg/Kg	☼	88	75 - 125
Magnesium	7830	B F1	2690	9629	F1	mg/Kg	☼	67	75 - 125
Manganese	623	B	53.8	705.0	4	mg/Kg	☼	153	75 - 125
Nickel	15.8		53.8	70.30		mg/Kg	☼	101	75 - 125
Potassium	2980	F1	2690	7979	F1	mg/Kg	☼	186	75 - 125
Selenium	1.9	J	53.8	47.93		mg/Kg	☼	86	75 - 125
Silver	ND		13.4	11.47		mg/Kg	☼	85	75 - 125
Sodium	130	J B	2690	2599		mg/Kg	☼	92	75 - 125
Thallium	ND		53.8	55.26		mg/Kg	☼	103	75 - 125
Vanadium	30.8		53.8	88.96		mg/Kg	☼	108	75 - 125
Zinc	106	F1	53.8	113.7	F1	mg/Kg	☼	14	75 - 125

Lab Sample ID: 480-197643-27 MSD
Matrix: Solid
Analysis Batch: 626221

Client Sample ID: COMP-050422-0940
Prep Type: Total/NA
Prep Batch: 625398

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	15500		2780	23900	4	mg/Kg	☼	301	75 - 125	1	20
Antimony	2.5	J F1	55.6	37.90	F1	mg/Kg	☼	64	75 - 125	6	20
Arsenic	5.3		55.6	55.16		mg/Kg	☼	90	75 - 125	4	20
Barium	86.4	F1	55.6	159.0	F1	mg/Kg	☼	131	75 - 125	2	20
Beryllium	0.64		55.6	51.71		mg/Kg	☼	92	75 - 125	5	20
Cadmium	0.30		55.6	49.40		mg/Kg	☼	88	75 - 125	5	20
Calcium	12900	B F2	2780	11340	4 F2	mg/Kg	☼	-55	75 - 125	23	20
Chromium	25.6		55.6	76.47		mg/Kg	☼	91	75 - 125	4	20
Cobalt	7.4		55.6	65.40		mg/Kg	☼	104	75 - 125	4	20
Copper	46.9	F1	55.6	78.94	F1	mg/Kg	☼	58	75 - 125	11	20
Iron	18100	B	2780	21270	4	mg/Kg	☼	114	75 - 125	1	20
Lead	23.8		55.6	82.48		mg/Kg	☼	106	75 - 125	15	20
Magnesium	7830	B F1	2780	9071	F1	mg/Kg	☼	45	75 - 125	6	20
Manganese	623	B	55.6	626.6	4	mg/Kg	☼	7	75 - 125	12	20
Nickel	15.8		55.6	73.07		mg/Kg	☼	103	75 - 125	4	20
Potassium	2980	F1	2780	7958	F1	mg/Kg	☼	179	75 - 125	0	20
Selenium	1.9	J	55.6	49.76		mg/Kg	☼	86	75 - 125	4	20
Silver	ND		13.9	12.11		mg/Kg	☼	87	75 - 125	5	20
Sodium	130	J B	2790	2739		mg/Kg	☼	94	75 - 125	5	20
Thallium	ND		55.6	58.20		mg/Kg	☼	105	75 - 125	5	20
Vanadium	30.8		55.6	91.03		mg/Kg	☼	108	75 - 125	2	20
Zinc	106	F1	55.6	124.2	F1	mg/Kg	☼	33	75 - 125	9	20

Lab Sample ID: MB 480-625449/1-A
Matrix: Water
Analysis Batch: 626380

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 625449

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		05/11/22 09:25	05/17/22 01:32	1
Antimony	ND		0.020	0.0068	mg/L		05/11/22 09:25	05/17/22 01:32	1
Arsenic	ND		0.015	0.0056	mg/L		05/11/22 09:25	05/17/22 01:32	1
Barium	ND		0.0020	0.00070	mg/L		05/11/22 09:25	05/17/22 01:32	1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 480-625449/1-A
Matrix: Water
Analysis Batch: 626380

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 625449

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.0020	0.00030	mg/L		05/11/22 09:25	05/17/22 01:32	1
Cadmium	ND		0.0020	0.00050	mg/L		05/11/22 09:25	05/17/22 01:32	1
Calcium	ND		0.50	0.10	mg/L		05/11/22 09:25	05/17/22 01:32	1
Chromium	0.00113	J	0.0040	0.0010	mg/L		05/11/22 09:25	05/17/22 01:32	1
Cobalt	ND		0.0040	0.00063	mg/L		05/11/22 09:25	05/17/22 01:32	1
Copper	ND		0.010	0.0016	mg/L		05/11/22 09:25	05/17/22 01:32	1
Iron	ND		0.050	0.019	mg/L		05/11/22 09:25	05/17/22 01:32	1
Lead	ND		0.010	0.0030	mg/L		05/11/22 09:25	05/17/22 01:32	1
Magnesium	ND		0.20	0.043	mg/L		05/11/22 09:25	05/17/22 01:32	1
Manganese	0.000470	J	0.0030	0.00040	mg/L		05/11/22 09:25	05/17/22 01:32	1
Nickel	ND		0.010	0.0013	mg/L		05/11/22 09:25	05/17/22 01:32	1
Potassium	ND		0.50	0.10	mg/L		05/11/22 09:25	05/17/22 01:32	1
Selenium	ND		0.025	0.0087	mg/L		05/11/22 09:25	05/17/22 01:32	1
Silver	ND		0.0060	0.0017	mg/L		05/11/22 09:25	05/17/22 01:32	1
Sodium	ND		1.0	0.32	mg/L		05/11/22 09:25	05/17/22 01:32	1
Thallium	ND		0.020	0.010	mg/L		05/11/22 09:25	05/17/22 01:32	1
Vanadium	ND		0.0050	0.0015	mg/L		05/11/22 09:25	05/17/22 01:32	1
Zinc	0.00172	J ^1+	0.010	0.0015	mg/L		05/11/22 09:25	05/17/22 01:32	1

Lab Sample ID: LCS 480-625449/2-A
Matrix: Water
Analysis Batch: 626380

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 625449

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	10.0	10.90		mg/L		109	80 - 120
Antimony	0.200	0.228		mg/L		114	80 - 120
Arsenic	0.200	0.214		mg/L		107	80 - 120
Barium	0.200	0.220		mg/L		110	80 - 120
Beryllium	0.200	0.215		mg/L		108	80 - 120
Cadmium	0.200	0.204		mg/L		102	80 - 120
Calcium	10.0	10.93		mg/L		109	80 - 120
Chromium	0.200	0.221		mg/L		110	80 - 120
Cobalt	0.200	0.200		mg/L		100	80 - 120
Copper	0.200	0.217		mg/L		108	80 - 120
Iron	10.0	10.71		mg/L		107	80 - 120
Lead	0.200	0.203		mg/L		101	80 - 120
Magnesium	10.0	11.39		mg/L		114	80 - 120
Manganese	0.200	0.221		mg/L		110	80 - 120
Nickel	0.200	0.201		mg/L		101	80 - 120
Potassium	10.0	10.60		mg/L		106	80 - 120
Selenium	0.200	0.208		mg/L		104	80 - 120
Silver	0.0500	0.0530		mg/L		106	80 - 120
Sodium	10.0	10.51		mg/L		105	80 - 120
Thallium	0.200	0.209		mg/L		105	80 - 120
Vanadium	0.200	0.212		mg/L		106	80 - 120
Zinc	0.200	0.216	^1+	mg/L		108	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-625140/1-A
Matrix: Water
Analysis Batch: 625240

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 625140

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		05/09/22 10:51	05/09/22 14:13	1

Lab Sample ID: LCS 480-625140/2-A
Matrix: Water
Analysis Batch: 625240

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 625140

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00667	0.00715		mg/L		107	80 - 120

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-625853/1-A
Matrix: Solid
Analysis Batch: 626028

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 625853

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.0047	mg/Kg		05/13/22 09:50	05/13/22 13:16	1

Lab Sample ID: LCSSRM 480-625853/2-A ^10
Matrix: Solid
Analysis Batch: 626028

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 625853

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	20.5	21.66		mg/Kg		105.7	60.0 - 139.5

Lab Sample ID: 480-197643-27 MS
Matrix: Solid
Analysis Batch: 626028

Client Sample ID: COMP-050422-0940
Prep Type: Total/NA
Prep Batch: 625853

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.37	F1	0.458	0.620	F1	mg/Kg	☼	54	80 - 120

Lab Sample ID: 480-197643-27 MSD
Matrix: Solid
Analysis Batch: 626028

Client Sample ID: COMP-050422-0940
Prep Type: Total/NA
Prep Batch: 625853

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.37	F1	0.452	0.624	F1	mg/Kg	☼	56	80 - 120	1	20

QC Association Summary

Client: GHD Services Inc.
Job ID: 480-197643-1
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

GC/MS VOA

Prep Batch: 625085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-2	SS02-050322-1030	Total/NA	Solid	5035A_L	
480-197643-4	SS03-050322-1050	Total/NA	Solid	5035A_L	
480-197643-5	SS03-050322-1055	Total/NA	Solid	5035A_L	
480-197643-8	SS05-050322-1135	Total/NA	Solid	5035A_L	
480-197643-10	SS01-050322-1325	Total/NA	Solid	5035A_L	
480-197643-11	SS01-050322-1330	Total/NA	Solid	5035A_L	
480-197643-14	SS06-050322-1450	Total/NA	Solid	5035A_L	
MB 480-625085/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-625085/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Analysis Batch: 625086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-2	SS02-050322-1030	Total/NA	Solid	8260C	625085
480-197643-4	SS03-050322-1050	Total/NA	Solid	8260C	625085
480-197643-5	SS03-050322-1055	Total/NA	Solid	8260C	625085
480-197643-8	SS05-050322-1135	Total/NA	Solid	8260C	625085
480-197643-10	SS01-050322-1325	Total/NA	Solid	8260C	625085
480-197643-11	SS01-050322-1330	Total/NA	Solid	8260C	625085
480-197643-14	SS06-050322-1450	Total/NA	Solid	8260C	625085
MB 480-625085/2-A	Method Blank	Total/NA	Solid	8260C	625085
LCS 480-625085/1-A	Lab Control Sample	Total/NA	Solid	8260C	625085

Prep Batch: 625250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-3	SS02-050322-1035	Total/NA	Solid	5035A_L	
480-197643-6	SS04-050322-1115	Total/NA	Solid	5035A_L	
480-197643-7	SS04-050322-1120	Total/NA	Solid	5035A_L	
480-197643-9	SS05-050322-1140	Total/NA	Solid	5035A_L	
480-197643-17	SS07-050322-1510	Total/NA	Solid	5035A_L	
480-197643-23	SS10-050422-0905	Total/NA	Solid	5035A_L	
480-197643-24	SS11-050422-0910	Total/NA	Solid	5035A_L	
480-197643-25	SS11-050422-0915	Total/NA	Solid	5035A_L	
MB 480-625250/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-625250/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	
LCSD 480-625250/3-A	Lab Control Sample Dup	Total/NA	Solid	5035A_L	

Analysis Batch: 625251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-3	SS02-050322-1035	Total/NA	Solid	8260C	625250
480-197643-6	SS04-050322-1115	Total/NA	Solid	8260C	625250
480-197643-7	SS04-050322-1120	Total/NA	Solid	8260C	625250
480-197643-9	SS05-050322-1140	Total/NA	Solid	8260C	625250
480-197643-17	SS07-050322-1510	Total/NA	Solid	8260C	625250
480-197643-23	SS10-050422-0905	Total/NA	Solid	8260C	625250
480-197643-24	SS11-050422-0910	Total/NA	Solid	8260C	625250
480-197643-25	SS11-050422-0915	Total/NA	Solid	8260C	625250
MB 480-625250/2-A	Method Blank	Total/NA	Solid	8260C	625250
LCS 480-625250/1-A	Lab Control Sample	Total/NA	Solid	8260C	625250
LCSD 480-625250/3-A	Lab Control Sample Dup	Total/NA	Solid	8260C	625250

QC Association Summary

Client: GHD Services Inc.
Job ID: 480-197643-1
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

GC/MS VOA

Prep Batch: 625662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-15	SS06-050322-1455	Total/NA	Solid	5035A_L	
480-197643-16	SS07-050322-1505	Total/NA	Solid	5035A_L	
480-197643-18	SS08-050322-1520	Total/NA	Solid	5035A_L	
480-197643-19	SS09-050322-1530	Total/NA	Solid	5035A_L	
480-197643-22	SS10-050422-0900	Total/NA	Solid	5035A_L	
MB 480-625662/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-625662/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Analysis Batch: 625664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-15	SS06-050322-1455	Total/NA	Solid	8260C	625662
480-197643-16	SS07-050322-1505	Total/NA	Solid	8260C	625662
480-197643-18	SS08-050322-1520	Total/NA	Solid	8260C	625662
480-197643-19	SS09-050322-1530	Total/NA	Solid	8260C	625662
480-197643-22	SS10-050422-0900	Total/NA	Solid	8260C	625662
MB 480-625662/2-A	Method Blank	Total/NA	Solid	8260C	625662
LCS 480-625662/1-A	Lab Control Sample	Total/NA	Solid	8260C	625662

Analysis Batch: 625797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-1	4125-050322-0001	Total/NA	Water	8260C	
480-197643-28	4125-050422-0001	Total/NA	Water	8260C	
MB 480-625797/9	Method Blank	Total/NA	Water	8260C	
LCS 480-625797/6	Lab Control Sample	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 625236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-12	COMP-050322-1400	Total/NA	Solid	3550C	
480-197643-13	COMP-050322-1405	Total/NA	Solid	3550C	
480-197643-20	COMP-050322-1545	Total/NA	Solid	3550C	
480-197643-21	COMP-050322-1550	Total/NA	Solid	3550C	
480-197643-26	COMP-050422-0930	Total/NA	Solid	3550C	
480-197643-27	COMP-050422-0940	Total/NA	Solid	3550C	
480-197643-29	4125-050322-0002	Total/NA	Solid	3550C	
MB 480-625236/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-625236/2-A	Lab Control Sample	Total/NA	Solid	3550C	
480-197643-27 MS	COMP-050422-0940	Total/NA	Solid	3550C	
480-197643-27 MSD	COMP-050422-0940	Total/NA	Solid	3550C	

Analysis Batch: 625285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-12	COMP-050322-1400	Total/NA	Solid	8270D	625236
480-197643-13	COMP-050322-1405	Total/NA	Solid	8270D	625236
480-197643-20	COMP-050322-1545	Total/NA	Solid	8270D	625236
480-197643-21	COMP-050322-1550	Total/NA	Solid	8270D	625236
480-197643-26	COMP-050422-0930	Total/NA	Solid	8270D	625236
480-197643-27	COMP-050422-0940	Total/NA	Solid	8270D	625236
480-197643-29	4125-050322-0002	Total/NA	Solid	8270D	625236
MB 480-625236/1-A	Method Blank	Total/NA	Solid	8270D	625236

GC/MS Semi VOA (Continued)

Analysis Batch: 625285 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-625236/2-A	Lab Control Sample	Total/NA	Solid	8270D	625236
480-197643-27 MS	COMP-050422-0940	Total/NA	Solid	8270D	625236
480-197643-27 MSD	COMP-050422-0940	Total/NA	Solid	8270D	625236

Prep Batch: 625303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-28	4125-050422-0001	Total/NA	Water	3510C	
MB 480-625303/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-625303/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 625612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-625303/1-A	Method Blank	Total/NA	Water	8270D	625303
LCS 480-625303/2-A	Lab Control Sample	Total/NA	Water	8270D	625303

Analysis Batch: 625937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-28	4125-050422-0001	Total/NA	Water	8270D	625303

GC Semi VOA

Prep Batch: 625269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-28	4125-050422-0001	Total/NA	Water	3510C	
MB 480-625269/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-625269/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 625370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-625269/1-A	Method Blank	Total/NA	Water	8081B	625269
LCS 480-625269/2-A	Lab Control Sample	Total/NA	Water	8081B	625269

Prep Batch: 625432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-12	COMP-050322-1400	Total/NA	Solid	3550C	
480-197643-13	COMP-050322-1405	Total/NA	Solid	3550C	
480-197643-20	COMP-050322-1545	Total/NA	Solid	3550C	
480-197643-21	COMP-050322-1550	Total/NA	Solid	3550C	
480-197643-26	COMP-050422-0930	Total/NA	Solid	3550C	
480-197643-27	COMP-050422-0940	Total/NA	Solid	3550C	
480-197643-29	4125-050322-0002	Total/NA	Solid	3550C	
MB 480-625432/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-625432/2-A	Lab Control Sample	Total/NA	Solid	3550C	
480-197643-27 MS	COMP-050422-0940	Total/NA	Solid	3550C	
480-197643-27 MSD	COMP-050422-0940	Total/NA	Solid	3550C	

Analysis Batch: 625492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-28	4125-050422-0001	Total/NA	Water	8081B	625269

GC Semi VOA

Analysis Batch: 625578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-12	COMP-050322-1400	Total/NA	Solid	8082A	625432
480-197643-13	COMP-050322-1405	Total/NA	Solid	8082A	625432
480-197643-20	COMP-050322-1545	Total/NA	Solid	8082A	625432
480-197643-21	COMP-050322-1550	Total/NA	Solid	8082A	625432
480-197643-26	COMP-050422-0930	Total/NA	Solid	8082A	625432
480-197643-27	COMP-050422-0940	Total/NA	Solid	8082A	625432
480-197643-29	4125-050322-0002	Total/NA	Solid	8082A	625432
MB 480-625432/1-A	Method Blank	Total/NA	Solid	8082A	625432
LCS 480-625432/2-A	Lab Control Sample	Total/NA	Solid	8082A	625432
480-197643-27 MS	COMP-050422-0940	Total/NA	Solid	8082A	625432
480-197643-27 MSD	COMP-050422-0940	Total/NA	Solid	8082A	625432

Prep Batch: 625634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-12	COMP-050322-1400	Total/NA	Solid	3550C	
480-197643-13	COMP-050322-1405	Total/NA	Solid	3550C	
480-197643-20	COMP-050322-1545	Total/NA	Solid	3550C	
480-197643-21	COMP-050322-1550	Total/NA	Solid	3550C	
480-197643-26	COMP-050422-0930	Total/NA	Solid	3550C	
480-197643-27	COMP-050422-0940	Total/NA	Solid	3550C	
480-197643-29	4125-050322-0002	Total/NA	Solid	3550C	
MB 480-625634/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-625634/2-A	Lab Control Sample	Total/NA	Solid	3550C	
480-197643-27 MS	COMP-050422-0940	Total/NA	Solid	3550C	
480-197643-27 MSD	COMP-050422-0940	Total/NA	Solid	3550C	

Analysis Batch: 625708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-12	COMP-050322-1400	Total/NA	Solid	8081B	625634
480-197643-13	COMP-050322-1405	Total/NA	Solid	8081B	625634
480-197643-20	COMP-050322-1545	Total/NA	Solid	8081B	625634
480-197643-21	COMP-050322-1550	Total/NA	Solid	8081B	625634
480-197643-26	COMP-050422-0930	Total/NA	Solid	8081B	625634
480-197643-27	COMP-050422-0940	Total/NA	Solid	8081B	625634
480-197643-29	4125-050322-0002	Total/NA	Solid	8081B	625634
MB 480-625634/1-A	Method Blank	Total/NA	Solid	8081B	625634
LCS 480-625634/2-A	Lab Control Sample	Total/NA	Solid	8081B	625634
480-197643-27 MS	COMP-050422-0940	Total/NA	Solid	8081B	625634
480-197643-27 MSD	COMP-050422-0940	Total/NA	Solid	8081B	625634

Prep Batch: 625716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-28	4125-050422-0001	Total/NA	Water	3510C	
MB 480-625716/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-625716/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 625815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-28	4125-050422-0001	Total/NA	Water	8082A	625716
MB 480-625716/1-A	Method Blank	Total/NA	Water	8082A	625716
LCS 480-625716/2-A	Lab Control Sample	Total/NA	Water	8082A	625716

Metals

Prep Batch: 625140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-28	4125-050422-0001	Total/NA	Water	7470A	
MB 480-625140/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-625140/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 625240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-28	4125-050422-0001	Total/NA	Water	7470A	625140
MB 480-625140/1-A	Method Blank	Total/NA	Water	7470A	625140
LCS 480-625140/2-A	Lab Control Sample	Total/NA	Water	7470A	625140

Prep Batch: 625398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-12	COMP-050322-1400	Total/NA	Solid	3050B	
480-197643-13	COMP-050322-1405	Total/NA	Solid	3050B	
480-197643-20	COMP-050322-1545	Total/NA	Solid	3050B	
480-197643-21	COMP-050322-1550	Total/NA	Solid	3050B	
480-197643-26	COMP-050422-0930	Total/NA	Solid	3050B	
480-197643-27	COMP-050422-0940	Total/NA	Solid	3050B	
480-197643-29	4125-050322-0002	Total/NA	Solid	3050B	
MB 480-625398/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-625398/2-A	Lab Control Sample	Total/NA	Solid	3050B	
480-197643-27 MS	COMP-050422-0940	Total/NA	Solid	3050B	
480-197643-27 MSD	COMP-050422-0940	Total/NA	Solid	3050B	

Prep Batch: 625449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-28	4125-050422-0001	Total/NA	Water	3005A	
MB 480-625449/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-625449/2-A	Lab Control Sample	Total/NA	Water	3005A	

Prep Batch: 625853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-12	COMP-050322-1400	Total/NA	Solid	7471B	
480-197643-13	COMP-050322-1405	Total/NA	Solid	7471B	
480-197643-20	COMP-050322-1545	Total/NA	Solid	7471B	
480-197643-21	COMP-050322-1550	Total/NA	Solid	7471B	
480-197643-26	COMP-050422-0930	Total/NA	Solid	7471B	
480-197643-27	COMP-050422-0940	Total/NA	Solid	7471B	
480-197643-29	4125-050322-0002	Total/NA	Solid	7471B	
MB 480-625853/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-625853/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	
480-197643-27 MS	COMP-050422-0940	Total/NA	Solid	7471B	
480-197643-27 MSD	COMP-050422-0940	Total/NA	Solid	7471B	

Analysis Batch: 626028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-12	COMP-050322-1400	Total/NA	Solid	7471B	625853
480-197643-13	COMP-050322-1405	Total/NA	Solid	7471B	625853
480-197643-20	COMP-050322-1545	Total/NA	Solid	7471B	625853
480-197643-21	COMP-050322-1550	Total/NA	Solid	7471B	625853
480-197643-26	COMP-050422-0930	Total/NA	Solid	7471B	625853

Metals (Continued)

Analysis Batch: 626028 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-27	COMP-050422-0940	Total/NA	Solid	7471B	625853
480-197643-29	4125-050322-0002	Total/NA	Solid	7471B	625853
MB 480-625853/1-A	Method Blank	Total/NA	Solid	7471B	625853
LCSSRM 480-625853/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	625853
480-197643-27 MS	COMP-050422-0940	Total/NA	Solid	7471B	625853
480-197643-27 MSD	COMP-050422-0940	Total/NA	Solid	7471B	625853

Analysis Batch: 626221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-12	COMP-050322-1400	Total/NA	Solid	6010C	625398
480-197643-13	COMP-050322-1405	Total/NA	Solid	6010C	625398
480-197643-20	COMP-050322-1545	Total/NA	Solid	6010C	625398
480-197643-21	COMP-050322-1550	Total/NA	Solid	6010C	625398
480-197643-26	COMP-050422-0930	Total/NA	Solid	6010C	625398
480-197643-27	COMP-050422-0940	Total/NA	Solid	6010C	625398
480-197643-29	4125-050322-0002	Total/NA	Solid	6010C	625398
MB 480-625398/1-A	Method Blank	Total/NA	Solid	6010C	625398
LCSSRM 480-625398/2-A	Lab Control Sample	Total/NA	Solid	6010C	625398
480-197643-27 MS	COMP-050422-0940	Total/NA	Solid	6010C	625398
480-197643-27 MSD	COMP-050422-0940	Total/NA	Solid	6010C	625398

Analysis Batch: 626380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-28	4125-050422-0001	Total/NA	Water	6010C	625449
MB 480-625449/1-A	Method Blank	Total/NA	Water	6010C	625449
LCS 480-625449/2-A	Lab Control Sample	Total/NA	Water	6010C	625449

General Chemistry

Analysis Batch: 625091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-2	SS02-050322-1030	Total/NA	Solid	Moisture	
480-197643-3	SS02-050322-1035	Total/NA	Solid	Moisture	
480-197643-4	SS03-050322-1050	Total/NA	Solid	Moisture	
480-197643-5	SS03-050322-1055	Total/NA	Solid	Moisture	
480-197643-6	SS04-050322-1115	Total/NA	Solid	Moisture	
480-197643-7	SS04-050322-1120	Total/NA	Solid	Moisture	
480-197643-8	SS05-050322-1135	Total/NA	Solid	Moisture	
480-197643-9	SS05-050322-1140	Total/NA	Solid	Moisture	
480-197643-10	SS01-050322-1325	Total/NA	Solid	Moisture	
480-197643-11	SS01-050322-1330	Total/NA	Solid	Moisture	
480-197643-14	SS06-050322-1450	Total/NA	Solid	Moisture	
480-197643-15	SS06-050322-1455	Total/NA	Solid	Moisture	
480-197643-16	SS07-050322-1505	Total/NA	Solid	Moisture	
480-197643-17	SS07-050322-1510	Total/NA	Solid	Moisture	
480-197643-18	SS08-050322-1520	Total/NA	Solid	Moisture	
480-197643-19	SS09-050322-1530	Total/NA	Solid	Moisture	
480-197643-22	SS10-050422-0900	Total/NA	Solid	Moisture	
480-197643-23	SS10-050422-0905	Total/NA	Solid	Moisture	
480-197643-24	SS11-050422-0910	Total/NA	Solid	Moisture	
480-197643-25	SS11-050422-0915	Total/NA	Solid	Moisture	

QC Association Summary

Client: GHD Services Inc.
Job ID: 480-197643-1
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

General Chemistry

Analysis Batch: 625255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-197643-12	COMP-050322-1400	Total/NA	Solid	Moisture	
480-197643-13	COMP-050322-1405	Total/NA	Solid	Moisture	
480-197643-20	COMP-050322-1545	Total/NA	Solid	Moisture	
480-197643-21	COMP-050322-1550	Total/NA	Solid	Moisture	
480-197643-26	COMP-050422-0930	Total/NA	Solid	Moisture	
480-197643-27	COMP-050422-0940	Total/NA	Solid	Moisture	
480-197643-29	4125-050322-0002	Total/NA	Solid	Moisture	

Lab Chronicle

Client: GHD Services Inc. Job ID: 480-197643-1
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Client Sample ID: 4125-050322-0001 — Lab Sample ID: 480-197643-1
Date Collected: 05/03/22 00:00 — **Matrix: Water**
Date Received: 05/05/22 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	625797	05/12/22 23:00	CRL	TAL BUF

Client Sample ID: SS02-050322-1030 — Lab Sample ID: 480-197643-2
Date Collected: 05/03/22 10:30 — **Matrix: Solid**
Date Received: 05/05/22 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	625091	05/08/22 21:44	CDC	TAL BUF

Client Sample ID: SS02-050322-1030 — Lab Sample ID: 480-197643-2
Date Collected: 05/03/22 10:30 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 77.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			625085	05/05/22 17:00	CDC	TAL BUF
Total/NA	Analysis	8260C		1	625086	05/09/22 00:37	CDC	TAL BUF

Client Sample ID: SS02-050322-1035 — Lab Sample ID: 480-197643-3
Date Collected: 05/03/22 10:35 — **Matrix: Solid**
Date Received: 05/05/22 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	625091	05/08/22 21:44	CDC	TAL BUF

Client Sample ID: SS02-050322-1035 — Lab Sample ID: 480-197643-3
Date Collected: 05/03/22 10:35 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 82.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			625250	05/05/22 17:00	CDC	TAL BUF
Total/NA	Analysis	8260C		1	625251	05/09/22 21:39	CDC	TAL BUF

Client Sample ID: SS03-050322-1050 — Lab Sample ID: 480-197643-4
Date Collected: 05/03/22 10:50 — **Matrix: Solid**
Date Received: 05/05/22 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	625091	05/08/22 21:44	CDC	TAL BUF

Client Sample ID: SS03-050322-1050 — Lab Sample ID: 480-197643-4
Date Collected: 05/03/22 10:50 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 78.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			625085	05/05/22 17:00	CDC	TAL BUF
Total/NA	Analysis	8260C		1	625086	05/09/22 01:25	CDC	TAL BUF

Lab Chronicle

Client: GHD Services Inc. Job ID: 480-197643-1
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Client Sample ID: SS03-050322-1055 Lab Sample ID: 480-197643-5
Date Collected: 05/03/22 10:55 **Matrix: Solid**
Date Received: 05/05/22 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	625091	05/08/22 21:44	CDC	TAL BUF

Client Sample ID: SS03-050322-1055 Lab Sample ID: 480-197643-5
Date Collected: 05/03/22 10:55 **Matrix: Solid**
Date Received: 05/05/22 12:30 **Percent Solids: 85.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			625085	05/05/22 17:00	CDC	TAL BUF
Total/NA	Analysis	8260C		1	625086	05/09/22 01:49	CDC	TAL BUF

Client Sample ID: SS04-050322-1115 Lab Sample ID: 480-197643-6
Date Collected: 05/03/22 11:15 **Matrix: Solid**
Date Received: 05/05/22 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	625091	05/08/22 21:44	CDC	TAL BUF

Client Sample ID: SS04-050322-1115 Lab Sample ID: 480-197643-6
Date Collected: 05/03/22 11:15 **Matrix: Solid**
Date Received: 05/05/22 12:30 **Percent Solids: 75.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			625250	05/05/22 17:00	CDC	TAL BUF
Total/NA	Analysis	8260C		1	625251	05/09/22 22:03	CDC	TAL BUF

Client Sample ID: SS04-050322-1120 Lab Sample ID: 480-197643-7
Date Collected: 05/03/22 11:20 **Matrix: Solid**
Date Received: 05/05/22 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	625091	05/08/22 21:44	CDC	TAL BUF

Client Sample ID: SS04-050322-1120 Lab Sample ID: 480-197643-7
Date Collected: 05/03/22 11:20 **Matrix: Solid**
Date Received: 05/05/22 12:30 **Percent Solids: 81.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			625250	05/05/22 17:00	CDC	TAL BUF
Total/NA	Analysis	8260C		1	625251	05/09/22 22:28	CDC	TAL BUF

Client Sample ID: SS05-050322-1135 Lab Sample ID: 480-197643-8
Date Collected: 05/03/22 11:35 **Matrix: Solid**
Date Received: 05/05/22 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	625091	05/08/22 21:44	CDC	TAL BUF

Lab Chronicle

Client: GHD Services Inc. Job ID: 480-197643-1
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Client Sample ID: SS05-050322-1135 — Lab Sample ID: 480-197643-8

Date Collected: 05/03/22 11:35 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 84.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			625085	05/05/22 17:00	CDC	TAL BUF
Total/NA	Analysis	8260C		1	625086	05/09/22 03:01	CDC	TAL BUF

Client Sample ID: SS05-050322-1140 — Lab Sample ID: 480-197643-9

Date Collected: 05/03/22 11:40 — **Matrix: Solid**
Date Received: 05/05/22 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	625091	05/08/22 21:44	CDC	TAL BUF

Client Sample ID: SS05-050322-1140 — Lab Sample ID: 480-197643-9

Date Collected: 05/03/22 11:40 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 86.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			625250	05/05/22 17:00	CDC	TAL BUF
Total/NA	Analysis	8260C		1	625251	05/09/22 22:52	CDC	TAL BUF

Client Sample ID: SS01-050322-1325 — Lab Sample ID: 480-197643-10

Date Collected: 05/03/22 13:25 — **Matrix: Solid**
Date Received: 05/05/22 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	625091	05/08/22 21:44	CDC	TAL BUF

Client Sample ID: SS01-050322-1325 — Lab Sample ID: 480-197643-10

Date Collected: 05/03/22 13:25 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 83.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			625085	05/05/22 17:00	CDC	TAL BUF
Total/NA	Analysis	8260C		1	625086	05/09/22 03:49	CDC	TAL BUF

Client Sample ID: SS01-050322-1330 — Lab Sample ID: 480-197643-11

Date Collected: 05/03/22 13:30 — **Matrix: Solid**
Date Received: 05/05/22 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	625091	05/08/22 21:44	CDC	TAL BUF

Lab Chronicle

Client: GHD Services Inc.
Job ID: 480-197643-1
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Client Sample ID: SS01-050322-1330
Lab Sample ID: 480-197643-11
Date Collected: 05/03/22 13:30
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			625085	05/05/22 17:00	CDC	TAL BUF
Total/NA	Analysis	8260C		1	625086	05/09/22 04:14	CDC	TAL BUF

Client Sample ID: COMP-050322-1400
Lab Sample ID: 480-197643-12
Date Collected: 05/03/22 14:00
Matrix: Solid
Date Received: 05/05/22 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	625255	05/09/22 17:09	DSC	TAL BUF

Client Sample ID: COMP-050322-1400
Lab Sample ID: 480-197643-12
Date Collected: 05/03/22 14:00
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 72.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			625236	05/09/22 16:07	SJM	TAL BUF
Total/NA	Analysis	8270D		5	625285	05/10/22 14:21	JMM	TAL BUF
Total/NA	Prep	3550C			625634	05/11/22 15:28	SJM	TAL BUF
Total/NA	Analysis	8081B		10	625708	05/12/22 14:01	JLS	TAL BUF
Total/NA	Prep	3550C			625432	05/10/22 15:44	SJM	TAL BUF
Total/NA	Analysis	8082A		1	625578	05/12/22 01:23	NC	TAL BUF
Total/NA	Prep	3050B			625398	05/10/22 15:03	NBS	TAL BUF
Total/NA	Analysis	6010C		1	626221	05/14/22 17:39	LMH	TAL BUF
Total/NA	Prep	7471B			625853	05/13/22 09:50	NVK	TAL BUF
Total/NA	Analysis	7471B		1	626028	05/13/22 13:28	NVK	TAL BUF

Client Sample ID: COMP-050322-1405
Lab Sample ID: 480-197643-13
Date Collected: 05/03/22 14:05
Matrix: Solid
Date Received: 05/05/22 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	625255	05/09/22 17:09	DSC	TAL BUF

Client Sample ID: COMP-050322-1405
Lab Sample ID: 480-197643-13
Date Collected: 05/03/22 14:05
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 81.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			625236	05/09/22 16:07	SJM	TAL BUF
Total/NA	Analysis	8270D		5	625285	05/10/22 14:45	JMM	TAL BUF
Total/NA	Prep	3550C			625634	05/11/22 15:28	SJM	TAL BUF
Total/NA	Analysis	8081B		20	625708	05/12/22 14:21	JLS	TAL BUF
Total/NA	Prep	3550C			625432	05/10/22 15:44	SJM	TAL BUF
Total/NA	Analysis	8082A		1	625578	05/12/22 01:36	NC	TAL BUF
Total/NA	Prep	3050B			625398	05/10/22 15:03	NBS	TAL BUF
Total/NA	Analysis	6010C		1	626221	05/14/22 17:43	LMH	TAL BUF

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Job ID: 480-197643-1

Client Sample ID: COMP-050322-1405
Lab Sample ID: 480-197643-13
Date Collected: 05/03/22 14:05
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 81.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			625853	05/13/22 09:50	NVK	TAL BUF
Total/NA	Analysis	7471B		1	626028	05/13/22 13:29	NVK	TAL BUF

Client Sample ID: SS06-050322-1450
Lab Sample ID: 480-197643-14
Date Collected: 05/03/22 14:50
Matrix: Solid
Date Received: 05/05/22 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	625091	05/08/22 21:44	CDC	TAL BUF

Client Sample ID: SS06-050322-1450
Lab Sample ID: 480-197643-14
Date Collected: 05/03/22 14:50
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 81.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			625085	05/05/22 17:00	CDC	TAL BUF
Total/NA	Analysis	8260C		1	625086	05/09/22 04:38	CDC	TAL BUF

Client Sample ID: SS06-050322-1455
Lab Sample ID: 480-197643-15
Date Collected: 05/03/22 14:55
Matrix: Solid
Date Received: 05/05/22 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	625091	05/08/22 21:44	CDC	TAL BUF

Client Sample ID: SS06-050322-1455
Lab Sample ID: 480-197643-15
Date Collected: 05/03/22 14:55
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 86.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			625662	05/05/22 17:00	CDC	TAL BUF
Total/NA	Analysis	8260C		1	625664	05/11/22 21:25	CDC	TAL BUF

Client Sample ID: SS07-050322-1505
Lab Sample ID: 480-197643-16
Date Collected: 05/03/22 15:05
Matrix: Solid
Date Received: 05/05/22 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	625091	05/08/22 21:44	CDC	TAL BUF

Lab Chronicle

Client: GHD Services Inc.
Job ID: 480-197643-1
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Client Sample ID: SS07-050322-1505
Lab Sample ID: 480-197643-16
Date Collected: 05/03/22 15:05
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 81.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			625662	05/05/22 17:00	CDC	TAL BUF
Total/NA	Analysis	8260C		1	625664	05/11/22 21:49	CDC	TAL BUF

Client Sample ID: SS07-050322-1510
Lab Sample ID: 480-197643-17
Date Collected: 05/03/22 15:10
Matrix: Solid
Date Received: 05/05/22 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	625091	05/08/22 21:44	CDC	TAL BUF

Client Sample ID: SS07-050322-1510
Lab Sample ID: 480-197643-17
Date Collected: 05/03/22 15:10
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 83.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			625250	05/05/22 17:00	CDC	TAL BUF
Total/NA	Analysis	8260C		1	625251	05/10/22 00:04	CDC	TAL BUF

Client Sample ID: SS08-050322-1520
Lab Sample ID: 480-197643-18
Date Collected: 05/03/22 15:20
Matrix: Solid
Date Received: 05/05/22 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	625091	05/08/22 21:44	CDC	TAL BUF

Client Sample ID: SS08-050322-1520
Lab Sample ID: 480-197643-18
Date Collected: 05/03/22 15:20
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 83.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			625662	05/05/22 17:00	CDC	TAL BUF
Total/NA	Analysis	8260C		1	625664	05/11/22 22:13	CDC	TAL BUF

Client Sample ID: SS09-050322-1530
Lab Sample ID: 480-197643-19
Date Collected: 05/03/22 15:30
Matrix: Solid
Date Received: 05/05/22 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	625091	05/08/22 21:44	CDC	TAL BUF

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Job ID: 480-197643-1

Client Sample ID: SS09-050322-1530
Lab Sample ID: 480-197643-19
Date Collected: 05/03/22 15:30
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 83.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			625662	05/05/22 17:00	CDC	TAL BUF
Total/NA	Analysis	8260C		1	625664	05/11/22 22:37	CDC	TAL BUF

Client Sample ID: COMP-050322-1545
Lab Sample ID: 480-197643-20
Date Collected: 05/03/22 15:45
Matrix: Solid
Date Received: 05/05/22 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	625255	05/09/22 17:09	DSC	TAL BUF

Client Sample ID: COMP-050322-1545
Lab Sample ID: 480-197643-20
Date Collected: 05/03/22 15:45
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 80.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			625236	05/09/22 16:07	SJM	TAL BUF
Total/NA	Analysis	8270D		5	625285	05/10/22 15:09	JMM	TAL BUF
Total/NA	Prep	3550C			625634	05/11/22 15:28	SJM	TAL BUF
Total/NA	Analysis	8081B		20	625708	05/12/22 14:40	JLS	TAL BUF
Total/NA	Prep	3550C			625432	05/10/22 15:44	SJM	TAL BUF
Total/NA	Analysis	8082A		1	625578	05/12/22 01:50	NC	TAL BUF
Total/NA	Prep	3050B			625398	05/10/22 15:03	NBS	TAL BUF
Total/NA	Analysis	6010C		1	626221	05/14/22 17:47	LMH	TAL BUF
Total/NA	Prep	7471B			625853	05/13/22 09:50	NVK	TAL BUF
Total/NA	Analysis	7471B		1	626028	05/13/22 13:30	NVK	TAL BUF

Client Sample ID: COMP-050322-1550
Lab Sample ID: 480-197643-21
Date Collected: 05/03/22 15:50
Matrix: Solid
Date Received: 05/05/22 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	625255	05/09/22 17:09	DSC	TAL BUF

Client Sample ID: COMP-050322-1550
Lab Sample ID: 480-197643-21
Date Collected: 05/03/22 15:50
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			625236	05/09/22 16:07	SJM	TAL BUF
Total/NA	Analysis	8270D		10	625285	05/10/22 15:33	JMM	TAL BUF
Total/NA	Prep	3550C			625634	05/11/22 15:28	SJM	TAL BUF
Total/NA	Analysis	8081B		20	625708	05/12/22 15:00	JLS	TAL BUF
Total/NA	Prep	3550C			625432	05/10/22 15:44	SJM	TAL BUF
Total/NA	Analysis	8082A		1	625578	05/12/22 02:03	NC	TAL BUF
Total/NA	Prep	3050B			625398	05/10/22 15:03	NBS	TAL BUF
Total/NA	Analysis	6010C		1	626221	05/14/22 17:51	LMH	TAL BUF

Lab Chronicle

Client: GHD Services Inc. Job ID: 480-197643-1
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Client Sample ID: COMP-050322-1550 — Lab Sample ID: 480-197643-21

Date Collected: 05/03/22 15:50 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 83.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			625853	05/13/22 09:50	NVK	TAL BUF
Total/NA	Analysis	7471B		1	626028	05/13/22 13:32	NVK	TAL BUF

Client Sample ID: SS10-050422-0900 — Lab Sample ID: 480-197643-22

Date Collected: 05/04/22 09:00 — **Matrix: Solid**
Date Received: 05/05/22 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	625091	05/08/22 21:44	CDC	TAL BUF

Client Sample ID: SS10-050422-0900 — Lab Sample ID: 480-197643-22

Date Collected: 05/04/22 09:00 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 79.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			625662	05/05/22 17:00	CDC	TAL BUF
Total/NA	Analysis	8260C		1	625664	05/11/22 23:02	CDC	TAL BUF

Client Sample ID: SS10-050422-0905 — Lab Sample ID: 480-197643-23

Date Collected: 05/04/22 09:05 — **Matrix: Solid**
Date Received: 05/05/22 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	625091	05/08/22 21:44	CDC	TAL BUF

Client Sample ID: SS10-050422-0905 — Lab Sample ID: 480-197643-23

Date Collected: 05/04/22 09:05 — **Matrix: Solid**
Date Received: 05/05/22 12:30 — **Percent Solids: 86.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			625250	05/05/22 17:00	CDC	TAL BUF
Total/NA	Analysis	8260C		1	625251	05/10/22 01:41	CDC	TAL BUF

Client Sample ID: SS11-050422-0910 — Lab Sample ID: 480-197643-24

Date Collected: 05/04/22 09:10 — **Matrix: Solid**
Date Received: 05/05/22 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	625091	05/08/22 21:44	CDC	TAL BUF

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Job ID: 480-197643-1

Client Sample ID: SS11-050422-0910
Lab Sample ID: 480-197643-24
Date Collected: 05/04/22 09:10
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 76.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			625250	05/05/22 17:00	CDC	TAL BUF
Total/NA	Analysis	8260C		1	625251	05/10/22 02:05	CDC	TAL BUF

Client Sample ID: SS11-050422-0915
Lab Sample ID: 480-197643-25
Date Collected: 05/04/22 09:15
Matrix: Solid
Date Received: 05/05/22 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	625091	05/08/22 21:44	CDC	TAL BUF

Client Sample ID: SS11-050422-0915
Lab Sample ID: 480-197643-25
Date Collected: 05/04/22 09:15
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			625250	05/05/22 17:00	CDC	TAL BUF
Total/NA	Analysis	8260C		1	625251	05/10/22 02:29	CDC	TAL BUF

Client Sample ID: COMP-050422-0930
Lab Sample ID: 480-197643-26
Date Collected: 05/04/22 09:30
Matrix: Solid
Date Received: 05/05/22 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	625255	05/09/22 17:09	DSC	TAL BUF

Client Sample ID: COMP-050422-0930
Lab Sample ID: 480-197643-26
Date Collected: 05/04/22 09:30
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 76.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			625236	05/09/22 16:07	SJM	TAL BUF
Total/NA	Analysis	8270D		1	625285	05/10/22 15:57	JMM	TAL BUF
Total/NA	Prep	3550C			625634	05/11/22 15:28	SJM	TAL BUF
Total/NA	Analysis	8081B		5	625708	05/12/22 15:20	JLS	TAL BUF
Total/NA	Prep	3550C			625432	05/10/22 15:44	SJM	TAL BUF
Total/NA	Analysis	8082A		1	625578	05/12/22 02:16	NC	TAL BUF
Total/NA	Prep	3050B			625398	05/10/22 15:03	NBS	TAL BUF
Total/NA	Analysis	6010C		1	626221	05/14/22 17:55	LMH	TAL BUF
Total/NA	Prep	7471B			625853	05/13/22 09:50	NVK	TAL BUF
Total/NA	Analysis	7471B		1	626028	05/13/22 13:33	NVK	TAL BUF

Lab Chronicle

Client: GHD Services Inc.
Job ID: 480-197643-1
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Client Sample ID: COMP-050422-0940
Lab Sample ID: 480-197643-27
Date Collected: 05/05/22 09:40
Matrix: Solid
Date Received: 05/05/22 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	625255	05/09/22 17:09	DSC	TAL BUF

Client Sample ID: COMP-050422-0940
Lab Sample ID: 480-197643-27
Date Collected: 05/05/22 09:40
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 73.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			625236	05/09/22 16:07	SJM	TAL BUF
Total/NA	Analysis	8270D		1	625285	05/10/22 13:56	JMM	TAL BUF
Total/NA	Prep	3550C			625634	05/11/22 15:28	SJM	TAL BUF
Total/NA	Analysis	8081B		1	625708	05/12/22 13:41	JLS	TAL BUF
Total/NA	Prep	3550C			625432	05/10/22 15:44	SJM	TAL BUF
Total/NA	Analysis	8082A		1	625578	05/12/22 01:09	NC	TAL BUF
Total/NA	Prep	3050B			625398	05/10/22 15:03	NBS	TAL BUF
Total/NA	Analysis	6010C		1	626221	05/14/22 17:59	LMH	TAL BUF
Total/NA	Prep	7471B			625853	05/13/22 09:50	NVK	TAL BUF
Total/NA	Analysis	7471B		1	626028	05/13/22 13:34	NVK	TAL BUF

Client Sample ID: 4125-050422-0001
Lab Sample ID: 480-197643-28
Date Collected: 05/04/22 00:00
Matrix: Water
Date Received: 05/05/22 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	625797	05/12/22 23:23	CRL	TAL BUF
Total/NA	Prep	3510C			625303	05/10/22 09:26	JMP	TAL BUF
Total/NA	Analysis	8270D		1	625937	05/13/22 21:06	JMM	TAL BUF
Total/NA	Prep	3510C			625269	05/10/22 07:00	SMP	TAL BUF
Total/NA	Analysis	8081B		1	625492	05/11/22 10:29	JLS	TAL BUF
Total/NA	Prep	3510C			625716	05/12/22 08:27	JMP	TAL BUF
Total/NA	Analysis	8082A		1	625815	05/12/22 23:01	W1T	TAL BUF
Total/NA	Prep	3005A			625449	05/11/22 09:25	NBS	TAL BUF
Total/NA	Analysis	6010C		1	626380	05/17/22 03:32	LMH	TAL BUF
Total/NA	Prep	7470A			625140	05/09/22 10:51	NBS	TAL BUF
Total/NA	Analysis	7470A		1	625240	05/09/22 14:41	NVK	TAL BUF

Client Sample ID: 4125-050322-0002
Lab Sample ID: 480-197643-29
Date Collected: 05/03/22 00:00
Matrix: Solid
Date Received: 05/05/22 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	625255	05/09/22 17:09	DSC	TAL BUF

Lab Chronicle

Client: GHD Services Inc.
Job ID: 480-197643-1
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Client Sample ID: 4125-050322-0002
Lab Sample ID: 480-197643-29
Date Collected: 05/03/22 00:00
Matrix: Solid
Date Received: 05/05/22 12:30
Percent Solids: 78.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			625236	05/09/22 16:07	SJM	TAL BUF
Total/NA	Analysis	8270D		10	625285	05/10/22 16:21	JMM	TAL BUF
Total/NA	Prep	3550C			625634	05/11/22 15:28	SJM	TAL BUF
Total/NA	Analysis	8081B		20	625708	05/12/22 15:39	JLS	TAL BUF
Total/NA	Prep	3550C			625432	05/10/22 15:44	SJM	TAL BUF
Total/NA	Analysis	8082A		1	625578	05/12/22 02:29	NC	TAL BUF
Total/NA	Prep	3050B			625398	05/10/22 15:03	NBS	TAL BUF
Total/NA	Analysis	6010C		1	626221	05/14/22 18:30	LMH	TAL BUF
Total/NA	Prep	7471B			625853	05/13/22 09:50	NVK	TAL BUF
Total/NA	Analysis	7471B		1	626028	05/13/22 13:43	NVK	TAL BUF

Laboratory References:

TAL BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: GHD Services Inc.
Job ID: 480-197643-1
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Laboratory: Eurofins Buffalo

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-0686	07-06-22
Connecticut	State	PH-0568	03-31-24
Florida	NELAP	E87672	06-30-22
Georgia	State	10026 (NY)	04-01-23
Georgia	State Program	N/A	03-31-09 *
Georgia (DW)	State	956	03-31-22 *
Illinois	NELAP	200003	09-30-22
Iowa	State	374	03-01-23
Iowa	State Program	374	03-01-09 *
Kansas	NELAP	E-10187	01-31-23
Kentucky (DW)	State	90029	12-31-22
Kentucky (UST)	State	30	04-01-22 *
Kentucky (WW)	State	KY90029	12-31-22
Louisiana	NELAP	02031	06-30-22
Maine	State	NY00044	12-04-22
Maryland	State	294	03-31-23
Massachusetts	State	M-NY044	06-30-22
Michigan	State	9937	04-01-22 *
Michigan	State Program	9937	04-01-09 *
New Hampshire	NELAP	2973	09-11-19 *
New Hampshire	NELAP	2337	11-17-22
New Jersey	NELAP	NY455	06-30-22
New York	NELAP	10026	03-31-23
Oregon	NELAP	NY200003	06-12-22
Pennsylvania	NELAP	68-00281	07-31-22
Rhode Island	State	LAO00328	12-30-22
Tennessee	State	02970	04-01-23
Texas	NELAP	T104704412-18-10	07-31-22
USDA	US Federal Programs	P330-18-00039	03-25-24
Virginia	NELAP	460185	09-14-22
Washington	State	C784	02-10-23
Wisconsin	State	998310390	08-31-22

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: GHD Services Inc.
Job ID: 480-197643-1
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8081B	Organochlorine Pesticides (GC)	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF
7471B	Mercury (CVAA)	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF
3005A	Preparation, Total Metals	SW846	TAL BUF
3050B	Preparation, Metals	SW846	TAL BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL BUF
3550C	Ultrasonic Extraction	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF
5035A_L	Closed System Purge and Trap	SW846	TAL BUF
7470A	Preparation, Mercury	SW846	TAL BUF
7471B	Preparation, Mercury	SW846	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: GHD Services Inc.
Job ID: 480-197643-1
Project/Site: 058507, Site 255 GMCH - 1000 Lexington A

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-197643-1	4125-050322-0001	Water	05/03/22 00:00	05/05/22 12:30
480-197643-2	SS02-050322-1030	Solid	05/03/22 10:30	05/05/22 12:30
480-197643-3	SS02-050322-1035	Solid	05/03/22 10:35	05/05/22 12:30
480-197643-4	SS03-050322-1050	Solid	05/03/22 10:50	05/05/22 12:30
480-197643-5	SS03-050322-1055	Solid	05/03/22 10:55	05/05/22 12:30
480-197643-6	SS04-050322-1115	Solid	05/03/22 11:15	05/05/22 12:30
480-197643-7	SS04-050322-1120	Solid	05/03/22 11:20	05/05/22 12:30
480-197643-8	SS05-050322-1135	Solid	05/03/22 11:35	05/05/22 12:30
480-197643-9	SS05-050322-1140	Solid	05/03/22 11:40	05/05/22 12:30
480-197643-10	SS01-050322-1325	Solid	05/03/22 13:25	05/05/22 12:30
480-197643-11	SS01-050322-1330	Solid	05/03/22 13:30	05/05/22 12:30
480-197643-12	COMP-050322-1400	Solid	05/03/22 14:00	05/05/22 12:30
480-197643-13	COMP-050322-1405	Solid	05/03/22 14:05	05/05/22 12:30
480-197643-14	SS06-050322-1450	Solid	05/03/22 14:50	05/05/22 12:30
480-197643-15	SS06-050322-1455	Solid	05/03/22 14:55	05/05/22 12:30
480-197643-16	SS07-050322-1505	Solid	05/03/22 15:05	05/05/22 12:30
480-197643-17	SS07-050322-1510	Solid	05/03/22 15:10	05/05/22 12:30
480-197643-18	SS08-050322-1520	Solid	05/03/22 15:20	05/05/22 12:30
480-197643-19	SS09-050322-1530	Solid	05/03/22 15:30	05/05/22 12:30
480-197643-20	COMP-050322-1545	Solid	05/03/22 15:45	05/05/22 12:30
480-197643-21	COMP-050322-1550	Solid	05/03/22 15:50	05/05/22 12:30
480-197643-22	SS10-050422-0900	Solid	05/04/22 09:00	05/05/22 12:30
480-197643-23	SS10-050422-0905	Solid	05/04/22 09:05	05/05/22 12:30
480-197643-24	SS11-050422-0910	Solid	05/04/22 09:10	05/05/22 12:30
480-197643-25	SS11-050422-0915	Solid	05/04/22 09:15	05/05/22 12:30
480-197643-26	COMP-050422-0930	Solid	05/04/22 09:30	05/05/22 12:30
480-197643-27	COMP-050422-0940	Solid	05/05/22 09:40	05/05/22 12:30
480-197643-28	4125-050422-0001	Water	05/04/22 00:00	05/05/22 12:30
480-197643-29	4125-050322-0002	Solid	05/03/22 00:00	05/05/22 12:30

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: R. Lydell	Lab PM: Heckler, Denise D	Carrier Tracking No(s):	COC No: 480-173378-37474.1
Client Contact: Denis Conley	Phone: 614-564-7088	E-Mail: Denise.Heckler@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 3
Company: Haley & Aldrich, Inc.	PWSID:			Job #:
Address: 200 Town Centre Drive #2	Due Date Requested:			
City: Rochester	TAT Requested (days): Std TAT			
State, Zip: NY, 14623-4264	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order Requested			
Email: dconley@haleyaldrich.com	WO #: 255015			
Project Name: 058507, Site 255 GMCH - 1000 Lexington A	Project #: 48017366			
Site:	SSOW#: 058507-255022-01			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, M - Hexane, N - None, O - AsNaO2, P - Na2O4S

480-197643 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - VOCs	6010C, 7471B	8081B, 8082A, 8270D	8260C - VOCs	8082A - PCBs	8081B - Pesticides	8270D - SVOCs	6010C, 7470A	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	N	N	A	N	N	N	D		
4125-050322-0001	5/3/22	—	—	~~Solid~~ water	N	N				X					2	Trip Blank
SS02-050322-1030		10:30	G	Solid			X								4	
SS02-050322-1035		10:35	G	Solid			X								4	
SS03-050322-1050		10:50	G	Solid			X								4	
SS03-050322-1055		10:55	G	Solid			X								4	
SS04-050322-1115		11:15	G	Solid			X								4	
SS04-050322-1120		11:20	G	Solid			X								4	
SS05-050322-1135		11:35	G	Solid			X								4	
SS05-050322-1140		11:40	G	Solid			X								4	
SS01-050322-1325		13:25	G	Solid			X								4	
SS01-050322-1330		13:30	G	Solid			X								4	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: * Grab Samples start hold time 5/

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: Samples frozen on 5/3/a

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	5/4/22	HEA		5/5/22 1236	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3162.4 #1 #CF

Ver: 06/08/2021

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: D. Lydell	Lab PM: Heckler, Denise D	Carrier Tracking No(s):	COC No: 480-173378-37474.2
Client Contact: Denis Conley	Phone: 614-564-7088	E-Mail: Denise.Heckler@et.eurofinsus.com	State of Origin: NY	Page: Page 2 of 3
Company: Haley & Aldrich, Inc.	PWSID:			Job #:
Address: 200 Town Centre Drive #2	Due Date Requested:			
City: Rochester	TAT Requested (days): Std. TAT			
State, Zip: NY, 14623-4264	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order Requested			
Email: dconley@haleyaldrich.com	WO #: 255015			
Project Name: 058507, Site 255 GMCH - 1000 Lexington A	Project #: 48017366			
Site:	SSOW#: 058507-255022-01			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - VOCs	6010C, 7471B	8081B, 8082A, 8270D	8260C - VOCs	8082A - PCBs	8081B - Pesticides	8270D - SVOCs	6010C, 7470A	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	A	N	N	N	D		
COMP-050322-1400	5/3/22	14:00	C	Solid	N	N		X	X						3	
COMP-050322-1405		14:05	C	Solid				X	X						3	
SS06-050322-1450		14:50	G	Solid			X								4	
SS06-050322-1455		14:55	G	Solid			X								4	
SS07-050322-1505		15:05	G	Solid			X								4	
SS07-050322-1510		15:10	G	Solid			X								4	
SS08-050322-1520		15:20	G	Solid			X								4	
SS09-050322-1530		15:30	G	Solid			X								4	
COMP-050322-1545		15:45	C	Solid				X	X						3	
COMP-050322-1550		15:50	C	Solid				X	X						3	
SS10-050422-0900	5/4/22	09:00	G	Solid			X								4	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: * Grab samples Short hold time, 5/3/22

Empty Kit Relinquished by: Date: Time: Method of Shipment: Samples frozen on 5/3/22

	Date/Time	Company		Date/Time	Company
Relinquished by:	5/4/22	H&A	Received by: PGL		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: R. Lydell	Lab PM: Heckler, Denise D	Carrier Tracking No(s):	COC No: 480-173378-37474.3
Client Contact: Denis Conley	Phone: 614-564-7088	E-Mail: Denise.Heckler@et.eurofinsus.com	State of Origin: New York	Page: Page 3 of 3
Company: Haley & Aldrich, Inc.	PWSID:			Job #:

Address: 200 Town Centre Drive #2	Due Date Requested:	Analysis Requested
City: Rochester	TAT Requested (days): Std TAT	
State, Zip: NY, 14623-4264	Compliance Project: Δ Yes Δ No	
Phone:	PO #: Purchase Order Requested	
Email: dconley@haleyaldrich.com	WO #: 255015	
Project Name: 058507, Site 255 GMCH - 1000 Lexington A	Project #: 48017366	
Site:	SSOW#: 058507-255022-01	

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - VOCs	6010C, 7471B	8081B, 8082A, 8270D	8260C - VOCs	8082A - PCBs	8081B - Pesticides	8270D - SVOCs	6010C, 7470A	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	A	N	N	N	D		
SS10-050422-0905	5/4/22	0905	G	Solid	N	N	X								4	
SS11-050422-0910		09:10	G	Solid			X								4	
SS11-050422-0915		09:15	G	Solid			X								4	
Comp-050422-0930		09:30	C	Solid				X	Y						3	
Comp-050422-0940		09:40	C	Solid			Y	X	X						9	MS/MSD
4125-050422-0001		—	—	Water		N				X	X	X	X	X	10	
4125-050322-0002	5/3/22	—	C	~~Water~~ Solid ~~Water~~				X	X						3	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: Grab samples ~~Frozen~~ Short hold times 5/3

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: Samples frozen on 5/3/22

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
		5/4/22	HRA	PGL		
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 480-197643-1

Login Number: 197643
List Number: 1
Creator: Kolb, Chris M

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	HRA
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

ATTACHMENT 3
DATA USABILITY SUMMARY REPORT

Technical Memorandum

24 June 2022

To	Denis Conley [dconley@haleyaldrich.com]	**Tel**	716-205-1942
Copy to	Claire Mondello [cmondello@haleyaldrich.com]	**Email**	Kathleen.willy@ghd.com
From	Kathy Willy/eew/308	**Ref. No.**	058507-255020
Subject	Analytical Results and Reduced Validation Soil Sampling Delphi Automotive Systems Site #828064 Rochester, New York May 2022		

1. Introduction

This document details a reduced validation of analytical results for soil samples collected in support of the Soil Sampling Event at the Delphi Automotive Systems Site #828064 during May 2022. Samples were submitted to Eurofins Buffalo Laboratory, Inc. located in Amherst, New York. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Standard Level II report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody form, finished report forms, method blank data, and recovery data from surrogate spikes/laboratory control samples (LCS)/matrix spikes (MS) and field quality assurance/quality control (QA/QC) samples.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and applicable guidance from the documents entitled:

i) "National Functional Guidelines for Organic Superfund Methods Data Review", United States Environmental Protection Agency (USEPA) 540/R-20-005, November 2020.

ii) "National Functional Guidelines for Inorganic Superfund Data Review", USEPA 540/R-20-006, November 2020.

These items will subsequently be referred to as the "Guidelines" in this Memorandum.

2. Sample Holding Time and Preservation

The sample holding time criteria for the analyses are summarized in Table 3. Sample chain of custody document and analytical report were used to determine sample holding times. All samples were prepared and analyzed within the required holding times.

All samples were properly preserved, delivered on ice, and stored by the laboratory at the required temperature (0-6°C).

3. Laboratory Method Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

Most method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation. Several target analytes were detected in the method blank associated with the equipment blank. No qualification of the data was required.

4. Surrogate Spike Recoveries - Organic Analyses

In accordance with the methods employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample extraction and/or analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for volatile organic compound (VOC), semi-volatile organic compound (SVOC), pesticide and polychlorinated biphenyl (PCB) determinations were spiked with the appropriate number of surrogate compounds prior to sample extraction and/or analysis.

Each individual surrogate compound is expected to meet the laboratory control limits with the exception of semi-volatile organic compound (SVOC) analyses. According to the "Guidelines" for SVOC analyses, up to one outlying surrogate in the base/neutral or acid fractions is acceptable as long as the recovery is at least 10 percent.

Some surrogate recoveries could not be assessed due to necessary secondary dilutions. All assessed surrogate recoveries were within the laboratory control limits.

5. Laboratory Control Sample (LCS) Analyses

LCS and/or LCS/laboratory control sample duplicates (LCSD) are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects. The relative percent difference (RPD) of the LCS/LCSD recoveries is used to evaluate analytical precision.

For this study, LCS(/LCSD) were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

Organic Analyses

The LCS/LCSD contained all compounds of interest. All LCS recoveries and RPDs (where applicable) were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision.

Inorganic Analyses

The LCS contained all analytes of interest. LCS recoveries were assessed per the "Guidelines". All LCS recoveries were within the control limits, demonstrating acceptable analytical accuracy.

6. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

To evaluate the effects of sample matrices on the preparation process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS/MSD samples. The RPD between the MS and MSD is used to assess analytical precision. If the original sample concentration is significantly greater than the spike concentration, the recovery is not assessed. If only the MS or MSD recovery was outside of control limits, no qualification of the data was performed based on the acceptable recovery of the companion spike and the acceptable RPD.

MS/MSD analyses were performed as specified in Table 1.

Organic Analyses

The MS/MSD samples were spiked with all compounds of interest. All percent recoveries and RPD values were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision.

Inorganic Analyses

The MS/MSD samples were spiked with the analytes of interest, and the results were evaluated using the "Guidelines". Most percent recoveries and RPD values were within the control limits, demonstrating acceptable analytical accuracy and precision. Positive sample results associated with high MS/MSD recoveries were qualified as estimated based on the implied high bias. Sample results associated with low MS/MSD recoveries were qualified as estimated to reflect the implied low bias. A summary of qualified results is presented in Table 4.

7. Field QA/QC Samples

The field QA/QC consisted of one trip blank sample, one rinse blank sample, and one field duplicate sample set.

Trip Blank Sample Analysis

To evaluate contamination from sample collection, transportation, storage, and analytical activities, one trip blank was submitted to the laboratory for volatile organic compound (VOC) analysis. Low level target analytes were report in the trip blank. Qualification due to trip blank was not required, since the associated samples were non-aqueous. However, it should be taken into advisement, these analytes may have been introduced during sample collection, transportation, storage, and/or analytical activities.

Rinse Blank Sample Analysis

To assess field decontamination procedures, ambient conditions at the site, and cleanliness of sample containers, a rinse blank was submitted for analysis, as identified in Table 1. Low level target analytes were report in the equipment blank. Qualification due to equipment blank was not required, since the associated samples were non-aqueous. However, it should be taken into advisement, these analytes may have been introduced during sampling.

Field Duplicate Sample Analysis

To assess the analytical and sampling protocol precision, one field duplicate sample set was collected and submitted "blind" to the laboratory, as specified in Table 1. The RPDs associated with these duplicate samples must be less than 100 percent for soil samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the reporting limit (RL), the evaluation criteria is two times the RL value.

All field duplicate results met the above criteria, demonstrating acceptable sampling and analytical precision.

8. Analyte Reporting

The laboratory reported detected results down to the laboratory's method detection limit (MDL) for each analyte. Positive analyte detections less than the reporting limit (RL) but greater than the MDL were qualified as estimated (J) in Table 2 unless qualified otherwise in this memorandum. Non-detect results were presented as non-detect at the RL in Table 2.

All soil results were reported on a dry weight basis.

9. Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable with the specific qualifications noted herein.

Regards,



Kathy Willy
Digital Intelligence-Data Management-Chemist

Table 1

Sample Collection and Analysis Summary
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

							Analysis/Parameters						
Sample Identification	**Location**	**Matrix**	**Initial Sample Depth (ft. bgs.)**	**Final Sample Depth (ft. bgs.)**	**Collection Date (mm/dd/yyyy)**	**Collection Time (hr:min)**	**Metals**	**Mercury**	**Pesticides**	**PCBs**	**VOCs**	**SVOCs**	**Comments**
4125-050422-0001	-	Water	-	-	05/04/2022	-	X	X	X	X	X	X	Equipment Blank
SS01-050322-1330	SS01	Soil	0.5	0.65	05/03/2022	13:30					X		
SS01-050322-1325	SS01	Soil	0	0.5	05/03/2022	13:25					X		
COMP-050322-1405	SS01-SS05	Soil	0.5	0.55	05/03/2022	14:05	X	X	X	X		X	
COMP-050322-1400	SS01-SS05	Soil	0	0.5	05/03/2022	14:00	X	X	X	X		X	
SS02-050322-1035	SS02	Soil	0.5	0.85	05/03/2022	10:35					X		
SS02-050322-1030	SS02	Soil	0	0.5	05/03/2022	10:30					X		
SS03-050322-1055	SS03	Soil	0.5	0.85	05/03/2022	10:55					X		
SS03-050322-1050	SS03	Soil	0	0.5	05/03/2022	10:50					X		
SS04-050322-1120	SS04	Soil	0.5	0.7	05/03/2022	11:20					X		
SS04-050322-1115	SS04	Soil	0	0.5	05/03/2022	11:15					X		
SS05-050322-1140	SS05	Soil	0.5	0.85	05/03/2022	11:40					X		
SS05-050322-1135	SS05	Soil	0	0.5	05/03/2022	11:35					X		
SS06-050322-1455	SS06	Soil	0.5	0.9	05/03/2022	14:55					X		
SS06-050322-1450	SS06	Soil	0	0.5	05/03/2022	14:50					X		
COMP-050322-1550	SS06-SS09	Soil	0.5	0.55	05/03/2022	15:50	X	X	X	X		X	
COMP-050322-1545	SS06-SS09	Soil	0	0.5	05/03/2022	15:45	X	X	X	X		X	
4125-050322-0002	SS06-SS09	Soil	0	0.5	05/03/2022	-	X	X	X	X		X	Field duplicate of sample COMP-050322-1545
SS07-050322-1510	SS07	Soil	0.5	1	05/03/2022	15:10					X		

Table 1

Sample Collection and Analysis Summary
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

Sample Identification	Location	Matrix	Initial Sample Depth (ft. bgs.)	Final Sample Depth (ft. bgs.)	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	Analysis/Parameters: Metals	Mercury	Pesticides	PCBs	VOCs	SVOCs	Comments
SS07-050322-1505	SS07	Soil	0	0.5	05/03/2022	15:05					X		
SS08-050322-1520	SS08	Soil	0	0.5	05/03/2022	15:20					X		
SS09-050322-1530	SS09	Soil	0	0.5	05/03/2022	15:30					X		
SS10-050422-0905	SS10	Soil	0.5	1	05/04/2022	09:05					X		
SS10-050422-0900	SS10	Soil	0	0.5	05/04/2022	09:00					X		
COMP-050422-0930	SS10-SS11	Soil	0.5	1	05/04/2022	09:30	X	X	X	X		X	
COMP-050422-0940	SS10-SS11	Soil	0.5	1	05/05/2022	09:40	X	X	X	X		X	MS/MSD
SS11-050422-0915	SS11	Soil	0.5	1	05/04/2022	09:15					X		
SS11-050422-0910	SS11	Soil	0	0.5	05/04/2022	09:10					X		
4125-050322-0001	-	Water	-	-	05/03/2022	-					X		Trip Blank

Notes:

ft. bgs. - Feet below ground surface
MS/MSD - Matrix Spike/Matrix Spike Duplicate
VOC - Volatile Organic Compounds
SVOC - Semi-volatile Organic Compounds
PCBs - Polychlorinated Biphenyls

Table 2

Analytical Results Summary
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

Location ID:		**SS01**	**SS01**	**SS01-SS05**	**SS01-SS05**	**SS02**	**SS02**	**SS03**
Sample Name:		**SS01-050322-1330**	**SS01-050322-1325**	**COMP-050322-1405**	**COMP-050322-1400**	**SS02-050322-1035**	**SS02-050322-1030**	**SS03-050322-1055**
Sample Date:		**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**
Depth:		**0.5-0.65 ft BGS**	**0-0.5 ft BGS**	**0.5-0.55 ft BGS**	**0-0.5 ft BGS**	**0.5-0.85 ft BGS**	**0-0.5 ft BGS**	**0.5-0.85 ft BGS**
Parameters	**Unit**							
Volatile Organic Compounds								
1,1,1-Trichloroethane	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
1,1,2,2-Tetrachloroethane	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
1,1,2-Trichloroethane	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
1,1-Dichloroethane	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
1,1-Dichloroethene	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
1,2,4-Trichlorobenzene	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
1,2-Dichlorobenzene	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
1,2-Dichloroethane	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
1,2-Dichloropropane	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
1,3-Dichlorobenzene	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
1,4-Dichlorobenzene	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	23 U	27 U	--	--	23 U	24 U	19 U
2-Hexanone	µg/kg	23 U	27 U	--	--	23 U	24 U	19 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	23 U	27 U	--	--	23 U	24 U	19 U
Acetone	µg/kg	23 U	27 U	--	--	23 U	24 U	19 U
Benzene	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
Bromodichloromethane	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
Bromoform	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
Bromomethane (Methyl bromide)	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
Carbon disulfide	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
Carbon tetrachloride	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
Chlorobenzene	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
Chloroethane	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
Chloroform (Trichloromethane)	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U

Table 2

Analytical Results Summary
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

Location ID:		**SS01**	**SS01**	**SS01-SS05**	**SS01-SS05**	**SS02**	**SS02**	**SS03**
Sample Name:		**SS01-050322-1330**	**SS01-050322-1325**	**COMP-050322-1405**	**COMP-050322-1400**	**SS02-050322-1035**	**SS02-050322-1030**	**SS03-050322-1055**
Sample Date:		**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**
Depth:		**0.5-0.65 ft BGS**	**0-0.5 ft BGS**	**0.5-0.55 ft BGS**	**0-0.5 ft BGS**	**0.5-0.85 ft BGS**	**0-0.5 ft BGS**	**0.5-0.85 ft BGS**
Parameters	**Unit**							
Volatile Organic Compounds (Continued)								
Chloromethane (Methyl chloride)	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
cis-1,2-Dichloroethene	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
cis-1,3-Dichloropropene	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
Cyclohexane	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
Dibromochloromethane	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
Dichlorodifluoromethane (CFC-12)	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
Ethylbenzene	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
Isopropyl benzene	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
Methyl acetate	µg/kg	23 U	27 U	--	--	23 U	24 U	19 U
Methyl cyclohexane	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
Methyl tert butyl ether (MTBE)	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
Methylene chloride	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
Styrene	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
Tetrachloroethene	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
Toluene	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
trans-1,2-Dichloroethene	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
trans-1,3-Dichloropropene	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
Trichloroethene	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
Trichlorofluoromethane (CFC-11)	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
Trifluorotrichloroethane (CFC-113)	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
Vinyl chloride	µg/kg	4.5 U	5.4 U	--	--	4.6 U	4.8 U	3.8 U
Xylenes (total)	µg/kg	9.0 U	11 U	--	--	9.2 U	9.6 U	7.5 U
Semi-volatile Organic Compounds								
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	--	--	1000 U	1100 U	--	--	--
2,4,5-Trichlorophenol	µg/kg	--	--	1000 U	1100 U	--	--	--

Table 2

Analytical Results Summary
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

Location ID:		**SS01**	**SS01**	**SS01-SS05**	**SS01-SS05**	**SS02**	**SS02**	**SS03**
Sample Name:		**SS01-050322-1330**	**SS01-050322-1325**	**COMP-050322-1405**	**COMP-050322-1400**	**SS02-050322-1035**	**SS02-050322-1030**	**SS03-050322-1055**
Sample Date:		**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**
Depth:		**0.5-0.65 ft BGS**	**0-0.5 ft BGS**	**0.5-0.55 ft BGS**	**0-0.5 ft BGS**	**0.5-0.85 ft BGS**	**0-0.5 ft BGS**	**0.5-0.85 ft BGS**
Parameters	**Unit**							
Semi-volatile Organic Compounds (Continued)								
2,4,6-Trichlorophenol	µg/kg	--	--	1000 U	1100 U	--	--	--
2,4-Dichlorophenol	µg/kg	--	--	1000 U	1100 U	--	--	--
2,4-Dimethylphenol	µg/kg	--	--	1000 U	1100 U	--	--	--
2,4-Dinitrophenol	µg/kg	--	--	10000 U	11000 U	--	--	--
2,4-Dinitrotoluene	µg/kg	--	--	1000 U	1100 U	--	--	--
2,6-Dinitrotoluene	µg/kg	--	--	1000 U	1100 U	--	--	--
2-Chloronaphthalene	µg/kg	--	--	1000 U	1100 U	--	--	--
2-Chlorophenol	µg/kg	--	--	2000 U	2200 U	--	--	--
2-Methylnaphthalene	µg/kg	--	--	1000 U	1100 U	--	--	--
2-Methylphenol	µg/kg	--	--	1000 U	1100 U	--	--	--
2-Nitroaniline	µg/kg	--	--	2000 U	2200 U	--	--	--
2-Nitrophenol	µg/kg	--	--	1000 U	1100 U	--	--	--
3,3'-Dichlorobenzidine	µg/kg	--	--	2000 U	2200 U	--	--	--
3-Nitroaniline	µg/kg	--	--	2000 U	2200 U	--	--	--
4,6-Dinitro-2-methylphenol	µg/kg	--	--	2000 U	2200 U	--	--	--
4-Bromophenyl phenyl ether	µg/kg	--	--	1000 U	1100 U	--	--	--
4-Chloro-3-methylphenol	µg/kg	--	--	1000 U	1100 U	--	--	--
4-Chloroaniline	µg/kg	--	--	1000 U	1100 U	--	--	--
4-Chlorophenyl phenyl ether	µg/kg	--	--	1000 U	1100 U	--	--	--
4-Methylphenol	µg/kg	--	--	2000 U	2200 U	--	--	--
4-Nitroaniline	µg/kg	--	--	2000 U	2200 U	--	--	--
4-Nitrophenol	µg/kg	--	--	2000 U	2200 U	--	--	--
Acenaphthene	µg/kg	--	--	1000 U	1100 U	--	--	--
Acenaphthylene	µg/kg	--	--	1000 U	1100 U	--	--	--
Acetophenone	µg/kg	--	--	1000 U	1100 U	--	--	--
Anthracene	µg/kg	--	--	1000 U	1100 U	--	--	--

Table 2

Analytical Results Summary
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

Location ID:		SS01	SS01	SS01-SS05	SS01-SS05	SS02	SS02	SS03
Sample Name:		**SS01-050322-1330**	**SS01-050322-1325**	**COMP-050322-1405**	**COMP-050322-1400**	**SS02-050322-1035**	**SS02-050322-1030**	**SS03-050322-1055**
Sample Date:		**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**
Depth:		**0.5-0.65 ft BGS**	**0-0.5 ft BGS**	**0.5-0.55 ft BGS**	**0-0.5 ft BGS**	**0.5-0.85 ft BGS**	**0-0.5 ft BGS**	**0.5-0.85 ft BGS**
Parameters	**Unit**							
Semi-volatile Organic Compounds (Continued)								
Atrazine	µg/kg	--	--	1000 U	1100 U	--	--	--
Benzaldehyde	µg/kg	--	--	1000 U	1100 U	--	--	--
Benzo(a)anthracene	µg/kg	--	--	1000 U	130 J	--	--	--
Benzo(a)pyrene	µg/kg	--	--	150 J	1100 U	--	--	--
Benzo(b)fluoranthene	µg/kg	--	--	220 J	260 J	--	--	--
Benzo(g,h,i)perylene	µg/kg	--	--	110 J	120 J	--	--	--
Benzo(k)fluoranthene	µg/kg	--	--	1000 U	1100 U	--	--	--
Biphenyl (1,1-Biphenyl)	µg/kg	--	--	1000 U	1100 U	--	--	--
bis(2-Chloroethoxy)methane	µg/kg	--	--	1000 U	1100 U	--	--	--
bis(2-Chloroethyl)ether	µg/kg	--	--	1000 U	1100 U	--	--	--
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	--	--	1000 U	1100 U	--	--	--
Butyl benzylphthalate (BBP)	µg/kg	--	--	1000 U	1100 U	--	--	--
Caprolactam	µg/kg	--	--	1000 U	1100 U	--	--	--
Carbazole	µg/kg	--	--	1000 U	1100 U	--	--	--
Chrysene	µg/kg	--	--	1000 U	1100 U	--	--	--
Di-n-butylphthalate (DBP)	µg/kg	--	--	1000 U	1100 U	--	--	--
Di-n-octyl phthalate (DnOP)	µg/kg	--	--	1000 U	1100 U	--	--	--
Dibenz(a,h)anthracene	µg/kg	--	--	1000 U	1100 U	--	--	--
Dibenzofuran	µg/kg	--	--	1000 U	1100 U	--	--	--
Diethyl phthalate	µg/kg	--	--	1000 U	1100 U	--	--	--
Dimethyl phthalate	µg/kg	--	--	1000 U	1100 U	--	--	--
Fluoranthene	µg/kg	--	--	310 J	360 J	--	--	--
Fluorene	µg/kg	--	--	1000 U	1100 U	--	--	--
Hexachlorobenzene	µg/kg	--	--	1000 U	1100 U	--	--	--
Hexachlorobutadiene	µg/kg	--	--	1000 U	1100 U	--	--	--
Hexachlorocyclopentadiene	µg/kg	--	--	1000 U	1100 U	--	--	--

Table 2

Analytical Results Summary
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

Location ID:		**SS01**	**SS01**	**SS01-SS05**	**SS01-SS05**	**SS02**	**SS02**	**SS03**
Sample Name:		**SS01-050322-1330**	**SS01-050322-1325**	**COMP-050322-1405**	**COMP-050322-1400**	**SS02-050322-1035**	**SS02-050322-1030**	**SS03-050322-1055**
Sample Date:		**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**
Depth:		**0.5-0.65 ft BGS**	**0-0.5 ft BGS**	**0.5-0.55 ft BGS**	**0-0.5 ft BGS**	**0.5-0.85 ft BGS**	**0-0.5 ft BGS**	**0.5-0.85 ft BGS**
Parameters	**Unit**							
Semi-volatile Organic Compounds (Continued)								
Hexachloroethane	µg/kg	--	--	1000 U	1100 U	--	--	--
Indeno(1,2,3-cd)pyrene	µg/kg	--	--	1000 U	1100 U	--	--	--
Isophorone	µg/kg	--	--	1000 U	1100 U	--	--	--
N-Nitrosodi-n-propylamine	µg/kg	--	--	1000 U	1100 U	--	--	--
N-Nitrosodiphenylamine	µg/kg	--	--	1000 U	1100 U	--	--	--
Naphthalene	µg/kg	--	--	1000 U	1100 U	--	--	--
Nitrobenzene	µg/kg	--	--	1000 U	1100 U	--	--	--
Pentachlorophenol	µg/kg	--	--	2000 U	2200 U	--	--	--
Phenanthrene	µg/kg	--	--	160 J	1100 U	--	--	--
Phenol	µg/kg	--	--	1000 U	1100 U	--	--	--
Pyrene	µg/kg	--	--	230 J	260 J	--	--	--
PCBs								
Aroclor-1016 (PCB-1016)	mg/kg	--	--	0.23 U	0.30 U	--	--	--
Aroclor-1221 (PCB-1221)	mg/kg	--	--	0.23 U	0.30 U	--	--	--
Aroclor-1232 (PCB-1232)	mg/kg	--	--	0.23 U	0.30 U	--	--	--
Aroclor-1242 (PCB-1242)	mg/kg	--	--	0.23 U	0.30 U	--	--	--
Aroclor-1248 (PCB-1248)	mg/kg	--	--	0.23 U	0.30 U	--	--	--
Aroclor-1254 (PCB-1254)	mg/kg	--	--	0.23 U	0.30 U	--	--	--
Aroclor-1260 (PCB-1260)	mg/kg	--	--	0.23 U	0.30 U	--	--	--
Pesticides								
4,4'-DDD	µg/kg	--	--	40 U	23 U	--	--	--
4,4'-DDE	µg/kg	--	--	40 U	23 U	--	--	--
4,4'-DDT	µg/kg	--	--	40 U	23 U	--	--	--
Aldrin	µg/kg	--	--	40 U	23 U	--	--	--

Table 2

Analytical Results Summary
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

Location ID:		**SS01**	**SS01**	**SS01-SS05**	**SS01-SS05**	**SS02**	**SS02**	**SS03**
Sample Name:		**SS01-050322-1330**	**SS01-050322-1325**	**COMP-050322-1405**	**COMP-050322-1400**	**SS02-050322-1035**	**SS02-050322-1030**	**SS03-050322-1055**
Sample Date:		**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**
Depth:		**0.5-0.65 ft BGS**	**0-0.5 ft BGS**	**0.5-0.55 ft BGS**	**0-0.5 ft BGS**	**0.5-0.85 ft BGS**	**0-0.5 ft BGS**	**0.5-0.85 ft BGS**
Parameters	**Unit**							
Pesticides (Continued)								
alpha-BHC	µg/kg	--	--	40 U	23 U	--	--	--
alpha-Chlordane	µg/kg	--	--	40 U	23 U	--	--	--
beta-BHC	µg/kg	--	--	40 U	23 U	--	--	--
delta-BHC	µg/kg	--	--	40 U	23 U	--	--	--
Dieldrin	µg/kg	--	--	40 U	23 U	--	--	--
Endosulfan I	µg/kg	--	--	40 U	23 U	--	--	--
Endosulfan II	µg/kg	--	--	40 U	23 U	--	--	--
Endosulfan sulfate	µg/kg	--	--	40 U	23 U	--	--	--
Endrin	µg/kg	--	--	40 U	23 U	--	--	--
Endrin aldehyde	µg/kg	--	--	40 U	23 U	--	--	--
Endrin ketone	µg/kg	--	--	40 U	23 U	--	--	--
gamma-BHC (lindane)	µg/kg	--	--	40 U	23 U	--	--	--
gamma-Chlordane	µg/kg	--	--	40 U	23 U	--	--	--
Heptachlor	µg/kg	--	--	40 U	23 U	--	--	--
Heptachlor epoxide	µg/kg	--	--	40 U	23 U	--	--	--
Methoxychlor	µg/kg	--	--	40 U	23 U	--	--	--
Toxaphene	µg/kg	--	--	400 U	230 U	--	--	--
Metals								
Aluminum	mg/kg	--	--	16700	22700	--	--	--
Antimony	mg/kg	--	--	2.5 J	3.4 J	--	--	--
Arsenic	mg/kg	--	--	4.2	4.6	--	--	--
Barium	mg/kg	--	--	83.7 J	113 J	--	--	--
Beryllium	mg/kg	--	--	0.67	0.90	--	--	--
Cadmium	mg/kg	--	--	0.26	0.25 J	--	--	--
Calcium	mg/kg	--	--	20600	8040	--	--	--

Table 2

Analytical Results Summary
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

	Location ID:	SS01	SS01	SS01-SS05	SS01-SS05	SS02	SS02	SS03
	Sample Name:	SS01-050322-1330	SS01-050322-1325	COMP-050322-1405	COMP-050322-1400	SS02-050322-1035	SS02-050322-1030	SS03-050322-1055
	Sample Date:	05/03/2022	05/03/2022	05/03/2022	05/03/2022	05/03/2022	05/03/2022	05/03/2022
	Depth:	0.5-0.65 ft BGS	0-0.5 ft BGS	0.5-0.55 ft BGS	0-0.5 ft BGS	0.5-0.85 ft BGS	0-0.5 ft BGS	0.5-0.85 ft BGS
Parameters	**Unit**							
Metals (Continued)								
Chromium	mg/kg	--	--	21.9	28.8	--	--	--
Cobalt	mg/kg	--	--	7.1	10.3	--	--	--
Copper	mg/kg	--	--	28.5 J	22.7 J	--	--	--
Iron	mg/kg	--	--	17800	23300	--	--	--
Lead	mg/kg	--	--	26.3	47.1	--	--	--
Magnesium	mg/kg	--	--	11600	6660	--	--	--
Manganese	mg/kg	--	--	434	557	--	--	--
Mercury	mg/kg	--	--	0.54 J	0.14 J	--	--	--
Nickel	mg/kg	--	--	15.4	20.8	--	--	--
Potassium	mg/kg	--	--	3610 J	4800 J	--	--	--
Selenium	mg/kg	--	--	1.5 J	2.4 J	--	--	--
Silver	mg/kg	--	--	0.76 U	0.83 U	--	--	--
Sodium	mg/kg	--	--	141 J	144 J	--	--	--
Thallium	mg/kg	--	--	7.6 U	8.3 U	--	--	--
Vanadium	mg/kg	--	--	33.4	43.1	--	--	--
Zinc	mg/kg	--	--	89.7 J	102 J	--	--	--

Table 2

Analytical Results Summary
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

Location ID:		**SS03**	**SS04**	**SS04**	**SS05**	**SS05**	**SS06**	**SS06**
Sample Name:		**SS03-050322-1050**	**SS04-050322-1120**	**SS04-050322-1115**	**SS05-050322-1140**	**SS05-050322-1135**	**SS06-050322-1455**	**SS06-050322-1450**
Sample Date:		**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**
Depth:		**0-0.5 ft BGS**	**0.5-0.7 ft BGS**	**0-0.5 ft BGS**	**0.5-0.85 ft BGS**	**0-0.5 ft BGS**	**0.5-0.9 ft BGS**	**0-0.5 ft BGS**
Parameters	**Unit**							
Volatile Organic Compounds								
1,1,1-Trichloroethane	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
1,1,2,2-Tetrachloroethane	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
1,1,2-Trichloroethane	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
1,1-Dichloroethane	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
1,1-Dichloroethene	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
1,2,4-Trichlorobenzene	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
1,2-Dichlorobenzene	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
1,2-Dichloroethane	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
1,2-Dichloropropane	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
1,3-Dichlorobenzene	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
1,4-Dichlorobenzene	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	25 U	28 U	24 U	24 U	21 U	29 U	25 U
2-Hexanone	µg/kg	25 U	28 U	24 U	24 U	21 U	29 U	25 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	25 U	28 U	24 U	24 U	21 U	29 U	25 U
Acetone	µg/kg	25 U	28 U	24 U	24 U	21 U	29 U	5.5 J
Benzene	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	0.29 J	5.0 U
Bromodichloromethane	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
Bromoform	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
Bromomethane (Methyl bromide)	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
Carbon disulfide	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
Carbon tetrachloride	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
Chlorobenzene	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
Chloroethane	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
Chloroform (Trichloromethane)	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U

Table 2

Analytical Results Summary
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

Location ID:		**SS03**	**SS04**	**SS04**	**SS05**	**SS05**	**SS06**	**SS06**
Sample Name:		**SS03-050322-1050**	**SS04-050322-1120**	**SS04-050322-1115**	**SS05-050322-1140**	**SS05-050322-1135**	**SS06-050322-1455**	**SS06-050322-1450**
Sample Date:		**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**
Depth:		**0-0.5 ft BGS**	**0.5-0.7 ft BGS**	**0-0.5 ft BGS**	**0.5-0.85 ft BGS**	**0-0.5 ft BGS**	**0.5-0.9 ft BGS**	**0-0.5 ft BGS**
Parameters	**Unit**							
Volatile Organic Compounds (Continued)								
Chloromethane (Methyl chloride)	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
cis-1,2-Dichloroethene	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
cis-1,3-Dichloropropene	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
Cyclohexane	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
Dibromochloromethane	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
Dichlorodifluoromethane (CFC-12)	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
Ethylbenzene	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
Isopropyl benzene	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
Methyl acetate	µg/kg	25 U	28 U	24 U	24 U	21 U	29 U	25 U
Methyl cyclohexane	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
Methyl tert butyl ether (MTBE)	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
Methylene chloride	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
Styrene	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
Tetrachloroethene	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
Toluene	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	0.44 J	5.0 U
trans-1,2-Dichloroethene	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
trans-1,3-Dichloropropene	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
Trichloroethene	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
Trichlorofluoromethane (CFC-11)	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
Trifluorotrichloroethane (CFC-113)	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
Vinyl chloride	µg/kg	5.0 U	5.6 U	4.8 U	4.7 U	4.1 U	5.8 U	5.0 U
Xylenes (total)	µg/kg	10 U	11 U	9.7 U	9.5 U	8.3 U	12 U	10 U
Semi-volatile Organic Compounds								
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	µg/kg	--	--	--	--	--	--	--

Table 2

Analytical Results Summary
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

Location ID:		**SS03**	**SS04**	**SS04**	**SS05**	**SS05**	**SS06**	**SS06**
Sample Name:		**SS03-050322-1050**	**SS04-050322-1120**	**SS04-050322-1115**	**SS05-050322-1140**	**SS05-050322-1135**	**SS06-050322-1455**	**SS06-050322-1450**
Sample Date:		**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**
Depth:		**0-0.5 ft BGS**	**0.5-0.7 ft BGS**	**0-0.5 ft BGS**	**0.5-0.85 ft BGS**	**0-0.5 ft BGS**	**0.5-0.9 ft BGS**	**0-0.5 ft BGS**
Parameters	**Unit**							
Semi-volatile Organic Compounds (Continued)								
2,4,6-Trichlorophenol	µg/kg	--	--	--	--	--	--	--
2,4-Dichlorophenol	µg/kg	--	--	--	--	--	--	--
2,4-Dimethylphenol	µg/kg	--	--	--	--	--	--	--
2,4-Dinitrophenol	µg/kg	--	--	--	--	--	--	--
2,4-Dinitrotoluene	µg/kg	--	--	--	--	--	--	--
2,6-Dinitrotoluene	µg/kg	--	--	--	--	--	--	--
2-Chloronaphthalene	µg/kg	--	--	--	--	--	--	--
2-Chlorophenol	µg/kg	--	--	--	--	--	--	--
2-Methylnaphthalene	µg/kg	--	--	--	--	--	--	--
2-Methylphenol	µg/kg	--	--	--	--	--	--	--
2-Nitroaniline	µg/kg	--	--	--	--	--	--	--
2-Nitrophenol	µg/kg	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	µg/kg	--	--	--	--	--	--	--
3-Nitroaniline	µg/kg	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	µg/kg	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	µg/kg	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	µg/kg	--	--	--	--	--	--	--
4-Chloroaniline	µg/kg	--	--	--	--	--	--	--
4-Chlorophenyl phenyl ether	µg/kg	--	--	--	--	--	--	--
4-Methylphenol	µg/kg	--	--	--	--	--	--	--
4-Nitroaniline	µg/kg	--	--	--	--	--	--	--
4-Nitrophenol	µg/kg	--	--	--	--	--	--	--
Acenaphthene	µg/kg	--	--	--	--	--	--	--
Acenaphthylene	µg/kg	--	--	--	--	--	--	--
Acetophenone	µg/kg	--	--	--	--	--	--	--
Anthracene	µg/kg	--	--	--	--	--	--	--

Table 2

Analytical Results Summary
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

Location ID:		**SS03**	**SS04**	**SS04**	**SS05**	**SS05**	**SS06**	**SS06**
Sample Name:		**SS03-050322-1050**	**SS04-050322-1120**	**SS04-050322-1115**	**SS05-050322-1140**	**SS05-050322-1135**	**SS06-050322-1455**	**SS06-050322-1450**
Sample Date:		**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**
Depth:		**0-0.5 ft BGS**	**0.5-0.7 ft BGS**	**0-0.5 ft BGS**	**0.5-0.85 ft BGS**	**0-0.5 ft BGS**	**0.5-0.9 ft BGS**	**0-0.5 ft BGS**
Parameters	**Unit**							
Semi-volatile Organic Compounds (Continued)								
Atrazine	µg/kg	--	--	--	--	--	--	--
Benzaldehyde	µg/kg	--	--	--	--	--	--	--
Benzo(a)anthracene	µg/kg	--	--	--	--	--	--	--
Benzo(a)pyrene	µg/kg	--	--	--	--	--	--	--
Benzo(b)fluoranthene	µg/kg	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	µg/kg	--	--	--	--	--	--	--
Benzo(k)fluoranthene	µg/kg	--	--	--	--	--	--	--
Biphenyl (1,1-Biphenyl)	µg/kg	--	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	µg/kg	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	µg/kg	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	--	--	--	--	--	--	--
Butyl benzylphthalate (BBP)	µg/kg	--	--	--	--	--	--	--
Caprolactam	µg/kg	--	--	--	--	--	--	--
Carbazole	µg/kg	--	--	--	--	--	--	--
Chrysene	µg/kg	--	--	--	--	--	--	--
Di-n-butylphthalate (DBP)	µg/kg	--	--	--	--	--	--	--
Di-n-octyl phthalate (DnOP)	µg/kg	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	µg/kg	--	--	--	--	--	--	--
Dibenzofuran	µg/kg	--	--	--	--	--	--	--
Diethyl phthalate	µg/kg	--	--	--	--	--	--	--
Dimethyl phthalate	µg/kg	--	--	--	--	--	--	--
Fluoranthene	µg/kg	--	--	--	--	--	--	--
Fluorene	µg/kg	--	--	--	--	--	--	--
Hexachlorobenzene	µg/kg	--	--	--	--	--	--	--
Hexachlorobutadiene	µg/kg	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	µg/kg	--	--	--	--	--	--	--

Table 2

Analytical Results Summary
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

Location ID:		**SS03**	**SS04**	**SS04**	**SS05**	**SS05**	**SS06**	**SS06**
Sample Name:		**SS03-050322-1050**	**SS04-050322-1120**	**SS04-050322-1115**	**SS05-050322-1140**	**SS05-050322-1135**	**SS06-050322-1455**	**SS06-050322-1450**
Sample Date:		**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**
Depth:		**0-0.5 ft BGS**	**0.5-0.7 ft BGS**	**0-0.5 ft BGS**	**0.5-0.85 ft BGS**	**0-0.5 ft BGS**	**0.5-0.9 ft BGS**	**0-0.5 ft BGS**
Parameters	**Unit**							
Semi-volatile Organic Compounds (Continued)								
Hexachloroethane	µg/kg	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	µg/kg	--	--	--	--	--	--	--
Isophorone	µg/kg	--	--	--	--	--	--	--
N-Nitrosodi-n-propylamine	µg/kg	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	µg/kg	--	--	--	--	--	--	--
Naphthalene	µg/kg	--	--	--	--	--	--	--
Nitrobenzene	µg/kg	--	--	--	--	--	--	--
Pentachlorophenol	µg/kg	--	--	--	--	--	--	--
Phenanthrene	µg/kg	--	--	--	--	--	--	--
Phenol	µg/kg	--	--	--	--	--	--	--
Pyrene	µg/kg	--	--	--	--	--	--	--
PCBs								
Aroclor-1016 (PCB-1016)	mg/kg	--	--	--	--	--	--	--
Aroclor-1221 (PCB-1221)	mg/kg	--	--	--	--	--	--	--
Aroclor-1232 (PCB-1232)	mg/kg	--	--	--	--	--	--	--
Aroclor-1242 (PCB-1242)	mg/kg	--	--	--	--	--	--	--
Aroclor-1248 (PCB-1248)	mg/kg	--	--	--	--	--	--	--
Aroclor-1254 (PCB-1254)	mg/kg	--	--	--	--	--	--	--
Aroclor-1260 (PCB-1260)	mg/kg	--	--	--	--	--	--	--
Pesticides								
4,4'-DDD	µg/kg	--	--	--	--	--	--	--
4,4'-DDE	µg/kg	--	--	--	--	--	--	--
4,4'-DDT	µg/kg	--	--	--	--	--	--	--
Aldrin	µg/kg	--	--	--	--	--	--	--

Table 2

Analytical Results Summary
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

Location ID:		**SS03**	**SS04**	**SS04**	**SS05**	**SS05**	**SS06**	**SS06**
Sample Name:		**SS03-050322-1050**	**SS04-050322-1120**	**SS04-050322-1115**	**SS05-050322-1140**	**SS05-050322-1135**	**SS06-050322-1455**	**SS06-050322-1450**
Sample Date:		**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**
Depth:		**0-0.5 ft BGS**	**0.5-0.7 ft BGS**	**0-0.5 ft BGS**	**0.5-0.85 ft BGS**	**0-0.5 ft BGS**	**0.5-0.9 ft BGS**	**0-0.5 ft BGS**
Parameters	**Unit**							
Pesticides (Continued)								
alpha-BHC	µg/kg	--	--	--	--	--	--	--
alpha-Chlordane	µg/kg	--	--	--	--	--	--	--
beta-BHC	µg/kg	--	--	--	--	--	--	--
delta-BHC	µg/kg	--	--	--	--	--	--	--
Dieldrin	µg/kg	--	--	--	--	--	--	--
Endosulfan I	µg/kg	--	--	--	--	--	--	--
Endosulfan II	µg/kg	--	--	--	--	--	--	--
Endosulfan sulfate	µg/kg	--	--	--	--	--	--	--
Endrin	µg/kg	--	--	--	--	--	--	--
Endrin aldehyde	µg/kg	--	--	--	--	--	--	--
Endrin ketone	µg/kg	--	--	--	--	--	--	--
gamma-BHC (lindane)	µg/kg	--	--	--	--	--	--	--
gamma-Chlordane	µg/kg	--	--	--	--	--	--	--
Heptachlor	µg/kg	--	--	--	--	--	--	--
Heptachlor epoxide	µg/kg	--	--	--	--	--	--	--
Methoxychlor	µg/kg	--	--	--	--	--	--	--
Toxaphene	µg/kg	--	--	--	--	--	--	--
Metals								
Aluminum	mg/kg	--	--	--	--	--	--	--
Antimony	mg/kg	--	--	--	--	--	--	--
Arsenic	mg/kg	--	--	--	--	--	--	--
Barium	mg/kg	--	--	--	--	--	--	--
Beryllium	mg/kg	--	--	--	--	--	--	--
Cadmium	mg/kg	--	--	--	--	--	--	--
Calcium	mg/kg	--	--	--	--	--	--	--

Table 2

Analytical Results Summary
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

	Location ID:	SS03	SS04	SS04	SS05	SS05	SS06	SS06
	Sample Name:	SS03-050322-1050	SS04-050322-1120	SS04-050322-1115	SS05-050322-1140	SS05-050322-1135	SS06-050322-1455	SS06-050322-1450
	Sample Date:	05/03/2022	05/03/2022	05/03/2022	05/03/2022	05/03/2022	05/03/2022	05/03/2022
	Depth:	0-0.5 ft BGS	0.5-0.7 ft BGS	0-0.5 ft BGS	0.5-0.85 ft BGS	0-0.5 ft BGS	0.5-0.9 ft BGS	0-0.5 ft BGS
Parameters	**Unit**							
Metals (Continued)								
Chromium	mg/kg	--	--	--	--	--	--	--
Cobalt	mg/kg	--	--	--	--	--	--	--
Copper	mg/kg	--	--	--	--	--	--	--
Iron	mg/kg	--	--	--	--	--	--	--
Lead	mg/kg	--	--	--	--	--	--	--
Magnesium	mg/kg	--	--	--	--	--	--	--
Manganese	mg/kg	--	--	--	--	--	--	--
Mercury	mg/kg	--	--	--	--	--	--	--
Nickel	mg/kg	--	--	--	--	--	--	--
Potassium	mg/kg	--	--	--	--	--	--	--
Selenium	mg/kg	--	--	--	--	--	--	--
Silver	mg/kg	--	--	--	--	--	--	--
Sodium	mg/kg	--	--	--	--	--	--	--
Thallium	mg/kg	--	--	--	--	--	--	--
Vanadium	mg/kg	--	--	--	--	--	--	--
Zinc	mg/kg	--	--	--	--	--	--	--

Table 2

Analytical Results Summary
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

	Location ID:	SS06-SS09	SS06-SS09	SS06-SS09	SS07	SS07	SS08	SS09
	Sample Name:	COMP-050322-1550	COMP-050322-1545	4125-050322-0002	SS07-050322-1510	SS07-050322-1505	SS08-050322-1520	SS09-050322-1530
	Sample Date:	05/03/2022	05/03/2022	05/03/2022	05/03/2022	05/03/2022	05/03/2022	05/03/2022
	Depth:	0.5-0.55 ft BGS	0-0.5 ft BGS	0-0.5 ft BGS	0.5-1 ft BGS	0-0.5 ft BGS	0-0.5 ft BGS	0-0.5 ft BGS
				Duplicate				
Parameters	**Unit**							
Volatile Organic Compounds								
1,1,1-Trichloroethane	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
1,1,2,2-Tetrachloroethane	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
1,1,2-Trichloroethane	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
1,1-Dichloroethane	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
1,1-Dichloroethene	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
1,2,4-Trichlorobenzene	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
1,2-Dichlorobenzene	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
1,2-Dichloroethane	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
1,2-Dichloropropane	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
1,3-Dichlorobenzene	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
1,4-Dichlorobenzene	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	--	--	--	22 U	25 U	25 U	31 U
2-Hexanone	µg/kg	--	--	--	22 U	25 U	25 U	31 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	--	--	--	22 U	25 U	25 U	31 U
Acetone	µg/kg	--	--	--	22 U	25 U	25 U	31 U
Benzene	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
Bromodichloromethane	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
Bromoform	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
Bromomethane (Methyl bromide)	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
Carbon disulfide	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
Carbon tetrachloride	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
Chlorobenzene	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
Chloroethane	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
Chloroform (Trichloromethane)	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U

Table 2

Analytical Results Summary
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

Location ID:		SS06-SS09	SS06-SS09	SS06-SS09	SS07	SS07	SS08	SS09
Sample Name:		COMP-050322-1550	COMP-050322-1545	4125-050322-0002	SS07-050322-1510	SS07-050322-1505	SS08-050322-1520	SS09-050322-1530
Sample Date:		05/03/2022	05/03/2022	05/03/2022	05/03/2022	05/03/2022	05/03/2022	05/03/2022
Depth:		0.5-0.55 ft BGS	0-0.5 ft BGS	0-0.5 ft BGS	0.5-1 ft BGS	0-0.5 ft BGS	0-0.5 ft BGS	0-0.5 ft BGS
				Duplicate				
Parameters	**Unit**							
Volatile Organic Compounds (Continued)								
Chloromethane (Methyl chloride)	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
cis-1,2-Dichloroethene	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
cis-1,3-Dichloropropene	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
Cyclohexane	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
Dibromochloromethane	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
Dichlorodifluoromethane (CFC-12)	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
Ethylbenzene	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
Isopropyl benzene	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
Methyl acetate	µg/kg	--	--	--	22 U	25 U	25 U	31 U
Methyl cyclohexane	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
Methyl tert butyl ether (MTBE)	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
Methylene chloride	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
Styrene	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
Tetrachloroethene	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
Toluene	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
trans-1,2-Dichloroethene	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
trans-1,3-Dichloropropene	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
Trichloroethene	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
Trichlorofluoromethane (CFC-11)	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
Trifluorotrichloroethane (CFC-113)	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
Vinyl chloride	µg/kg	--	--	--	4.5 U	5.1 U	5.1 U	6.2 U
Xylenes (total)	µg/kg	--	--	--	9.0 U	10 U	10 U	12 U
Semi-volatile Organic Compounds								
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
2,4,5-Trichlorophenol	µg/kg	2000 U	1000 U	2100 U	--	--	--	--

Table 2

Analytical Results Summary
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

Location ID:		**SS06-SS09**	**SS06-SS09**	**SS06-SS09**	**SS07**	**SS07**	**SS08**	**SS09**
Sample Name:		**COMP-050322-1550**	**COMP-050322-1545**	**4125-050322-0002**	**SS07-050322-1510**	**SS07-050322-1505**	**SS08-050322-1520**	**SS09-050322-1530**
Sample Date:		**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**
Depth:		**0.5-0.55 ft BGS**	**0-0.5 ft BGS**	**0-0.5 ft BGS**	**0.5-1 ft BGS**	**0-0.5 ft BGS**	**0-0.5 ft BGS**	**0-0.5 ft BGS**
				Duplicate				
Parameters	**Unit**							
Semi-volatile Organic Compounds (Continued)								
2,4,6-Trichlorophenol	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
2,4-Dichlorophenol	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
2,4-Dimethylphenol	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
2,4-Dinitrophenol	µg/kg	20000 U	10000 U	21000 U	--	--	--	--
2,4-Dinitrotoluene	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
2,6-Dinitrotoluene	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
2-Chloronaphthalene	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
2-Chlorophenol	µg/kg	3900 U	2000 U	4100 U	--	--	--	--
2-Methylnaphthalene	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
2-Methylphenol	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
2-Nitroaniline	µg/kg	3900 U	2000 U	4100 U	--	--	--	--
2-Nitrophenol	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
3,3'-Dichlorobenzidine	µg/kg	3900 U	2000 U	4100 U	--	--	--	--
3-Nitroaniline	µg/kg	3900 U	2000 U	4100 U	--	--	--	--
4,6-Dinitro-2-methylphenol	µg/kg	3900 U	2000 U	4100 U	--	--	--	--
4-Bromophenyl phenyl ether	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
4-Chloro-3-methylphenol	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
4-Chloroaniline	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
4-Chlorophenyl phenyl ether	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
4-Methylphenol	µg/kg	3900 U	2000 U	4100 U	--	--	--	--
4-Nitroaniline	µg/kg	3900 U	2000 U	4100 U	--	--	--	--
4-Nitrophenol	µg/kg	3900 U	2000 U	4100 U	--	--	--	--
Acenaphthene	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
Acenaphthylene	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
Acetophenone	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
Anthracene	µg/kg	2000 U	1000 U	2100 U	--	--	--	--

Table 2

Analytical Results Summary
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

Location ID:		**SS06-SS09**	**SS06-SS09**	**SS06-SS09**	**SS07**	**SS07**	**SS08**	**SS09**
Sample Name:		**COMP-050322-1550**	**COMP-050322-1545**	**4125-050322-0002**	**SS07-050322-1510**	**SS07-050322-1505**	**SS08-050322-1520**	**SS09-050322-1530**
Sample Date:		**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**
Depth:		**0.5-0.55 ft BGS**	**0-0.5 ft BGS**	**0-0.5 ft BGS**	**0.5-1 ft BGS**	**0-0.5 ft BGS**	**0-0.5 ft BGS**	**0-0.5 ft BGS**
				Duplicate				
Parameters	**Unit**							
Semi-volatile Organic Compounds (Continued)								
Atrazine	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
Benzaldehyde	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
Benzo(a)anthracene	µg/kg	980 J	590 J	730 J	--	--	--	--
Benzo(a)pyrene	µg/kg	980 J	650 J	810 J	--	--	--	--
Benzo(b)fluoranthene	µg/kg	1300 J	800 J	1200 J	--	--	--	--
Benzo(g,h,i)perylene	µg/kg	770 J	530 J	660 J	--	--	--	--
Benzo(k)fluoranthene	µg/kg	440 J	410 J	340 J	--	--	--	--
Biphenyl (1,1-Biphenyl)	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
bis(2-Chloroethoxy)methane	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
bis(2-Chloroethyl)ether	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
Butyl benzylphthalate (BBP)	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
Caprolactam	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
Carbazole	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
Chrysene	µg/kg	1000 J	690 J	810 J	--	--	--	--
Di-n-butylphthalate (DBP)	µg/kg	2000 U	220 J	2100 U	--	--	--	--
Di-n-octyl phthalate (DnOP)	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
Dibenz(a,h)anthracene	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
Dibenzofuran	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
Diethyl phthalate	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
Dimethyl phthalate	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
Fluoranthene	µg/kg	2700	1600	1800 J	--	--	--	--
Fluorene	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
Hexachlorobenzene	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
Hexachlorobutadiene	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
Hexachlorocyclopentadiene	µg/kg	2000 U	1000 U	2100 U	--	--	--	--

Table 2

Analytical Results Summary
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

Location ID:		**SS06-SS09**	**SS06-SS09**	**SS06-SS09**	**SS07**	**SS07**	**SS08**	**SS09**
Sample Name:		**COMP-050322-1550**	**COMP-050322-1545**	**4125-050322-0002**	**SS07-050322-1510**	**SS07-050322-1505**	**SS08-050322-1520**	**SS09-050322-1530**
Sample Date:		**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**
Depth:		**0.5-0.55 ft BGS**	**0-0.5 ft BGS**	**0-0.5 ft BGS**	**0.5-1 ft BGS**	**0-0.5 ft BGS**	**0-0.5 ft BGS**	**0-0.5 ft BGS**
				Duplicate				
Parameters	**Unit**							
Semi-volatile Organic Compounds (Continued)								
Hexachloroethane	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
Indeno(1,2,3-cd)pyrene	µg/kg	700 J	450 J	580 J	--	--	--	--
Isophorone	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
N-Nitrosodi-n-propylamine	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
N-Nitrosodiphenylamine	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
Naphthalene	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
Nitrobenzene	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
Pentachlorophenol	µg/kg	3900 U	2000 U	4100 U	--	--	--	--
Phenanthrene	µg/kg	1500 J	740 J	830 J	--	--	--	--
Phenol	µg/kg	2000 U	1000 U	2100 U	--	--	--	--
Pyrene	µg/kg	1900 J	1200	1400 J	--	--	--	--
PCBs								
Aroclor-1016 (PCB-1016)	mg/kg	0.21 U	0.28 U	0.24 U	--	--	--	--
Aroclor-1221 (PCB-1221)	mg/kg	0.21 U	0.28 U	0.24 U	--	--	--	--
Aroclor-1232 (PCB-1232)	mg/kg	0.21 U	0.28 U	0.24 U	--	--	--	--
Aroclor-1242 (PCB-1242)	mg/kg	0.21 U	0.28 U	0.24 U	--	--	--	--
Aroclor-1248 (PCB-1248)	mg/kg	0.21 U	0.28 U	0.24 U	--	--	--	--
Aroclor-1254 (PCB-1254)	mg/kg	0.21 U	0.28 U	0.24 U	--	--	--	--
Aroclor-1260 (PCB-1260)	mg/kg	0.21 U	0.28 U	0.24 U	--	--	--	--
Pesticides								
4,4'-DDD	µg/kg	39 U	41 U	41 U	--	--	--	--
4,4'-DDE	µg/kg	39 U	41 U	41 U	--	--	--	--
4,4'-DDT	µg/kg	39 U	41 U	41 U	--	--	--	--
Aldrin	µg/kg	39 U	41 U	41 U	--	--	--	--

Table 2

Analytical Results Summary
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

Location ID:		**SS06-SS09**	**SS06-SS09**	**SS06-SS09**	**SS07**	**SS07**	**SS08**	**SS09**
Sample Name:		**COMP-050322-1550**	**COMP-050322-1545**	**4125-050322-0002**	**SS07-050322-1510**	**SS07-050322-1505**	**SS08-050322-1520**	**SS09-050322-1530**
Sample Date:		**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**	**05/03/2022**
Depth:		**0.5-0.55 ft BGS**	**0-0.5 ft BGS**	**0-0.5 ft BGS**	**0.5-1 ft BGS**	**0-0.5 ft BGS**	**0-0.5 ft BGS**	**0-0.5 ft BGS**
				Duplicate				
Parameters	**Unit**							
Pesticides (Continued)								
alpha-BHC	µg/kg	39 U	41 U	41 U	--	--	--	--
alpha-Chlordane	µg/kg	39 U	41 U	41 U	--	--	--	--
beta-BHC	µg/kg	39 U	41 U	41 U	--	--	--	--
delta-BHC	µg/kg	39 U	41 U	41 U	--	--	--	--
Dieldrin	µg/kg	39 U	41 U	41 U	--	--	--	--
Endosulfan I	µg/kg	39 U	41 U	41 U	--	--	--	--
Endosulfan II	µg/kg	39 U	41 U	41 U	--	--	--	--
Endosulfan sulfate	µg/kg	39 U	41 U	41 U	--	--	--	--
Endrin	µg/kg	39 U	41 U	41 U	--	--	--	--
Endrin aldehyde	µg/kg	39 U	41 U	41 U	--	--	--	--
Endrin ketone	µg/kg	39 U	41 U	41 U	--	--	--	--
gamma-BHC (lindane)	µg/kg	39 U	41 U	41 U	--	--	--	--
gamma-Chlordane	µg/kg	39 U	41 U	41 U	--	--	--	--
Heptachlor	µg/kg	39 U	41 U	41 U	--	--	--	--
Heptachlor epoxide	µg/kg	39 U	41 U	41 U	--	--	--	--
Methoxychlor	µg/kg	39 U	41 U	41 U	--	--	--	--
Toxaphene	µg/kg	390 U	410 U	410 U	--	--	--	--
Metals								
Aluminum	mg/kg	15900	19100	19100	--	--	--	--
Antimony	mg/kg	2.7 J	2.8 J	3.3 J	--	--	--	--
Arsenic	mg/kg	4.3	5.0	6.5	--	--	--	--
Barium	mg/kg	76.9 J	97.1 J	101 J	--	--	--	--
Beryllium	mg/kg	0.66	0.78	0.84	--	--	--	--
Cadmium	mg/kg	0.25	0.24	0.27	--	--	--	--
Calcium	mg/kg	19100	12300	12000	--	--	--	--

Table 2

Analytical Results Summary
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

	Location ID:	SS06-SS09	SS06-SS09	SS06-SS09	SS07	SS07	SS08	SS09
	Sample Name:	COMP-050322-1550	COMP-050322-1545	4125-050322-0002	SS07-050322-1510	SS07-050322-1505	SS08-050322-1520	SS09-050322-1530
	Sample Date:	05/03/2022	05/03/2022	05/03/2022	05/03/2022	05/03/2022	05/03/2022	05/03/2022
	Depth:	0.5-0.55 ft BGS	0-0.5 ft BGS	0-0.5 ft BGS Duplicate	0.5-1 ft BGS	0-0.5 ft BGS	0-0.5 ft BGS	0-0.5 ft BGS
Parameters	**Unit**							
Metals (Continued)								
Chromium	mg/kg	19.9	23.9	24.9	--	--	--	--
Cobalt	mg/kg	8.0	9.4	10.9	--	--	--	--
Copper	mg/kg	21.3 J	16.2 J	16.1 J	--	--	--	--
Iron	mg/kg	18200	21600	24200	--	--	--	--
Lead	mg/kg	24.1	24.8	27.2	--	--	--	--
Magnesium	mg/kg	10000	8350	8130	--	--	--	--
Manganese	mg/kg	476	561	641	--	--	--	--
Mercury	mg/kg	0.094 J	0.12 J	0.19 J	--	--	--	--
Nickel	mg/kg	17.1	18.7	19.1	--	--	--	--
Potassium	mg/kg	3250 J	3880 J	3950 J	--	--	--	--
Selenium	mg/kg	1.7 J	2.1 J	2.7 J	--	--	--	--
Silver	mg/kg	0.69 U	0.27 J	0.74 U	--	--	--	--
Sodium	mg/kg	154 J	138 J	137 J	--	--	--	--
Thallium	mg/kg	6.9 U	7.3 U	7.4 U	--	--	--	--
Vanadium	mg/kg	33.8	39.2	42.9	--	--	--	--
Zinc	mg/kg	97.2 J	78.7 J	75.9 J	--	--	--	--

Table 2

Analytical Results Summary
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

Location ID:		**SS10**	**SS10**	**SS10-SS11**	**SS10-SS11**	**SS11**	**SS11**
Sample Name:		**SS10-050422-0905**	**SS10-050422-0900**	**COMP-050422-0930**	**COMP-050422-0940**	**SS11-050422-0915**	**SS11-050422-0910**
Sample Date:		**05/04/2022**	**05/04/2022**	**05/04/2022**	**05/05/2022**	**05/04/2022**	**05/04/2022**
Depth:		**0.5-1 ft BGS**	**0-0.5 ft BGS**	**0.5-1 ft BGS**	**0.5-1 ft BGS**	**0.5-1 ft BGS**	**0-0.5 ft BGS**
Parameters	**Unit**						
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
1,1,2,2-Tetrachloroethane	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
1,1,2-Trichloroethane	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
1,1-Dichloroethane	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
1,1-Dichloroethene	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
1,2,4-Trichlorobenzene	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
1,2-Dichlorobenzene	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
1,2-Dichloroethane	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
1,2-Dichloropropane	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
1,3-Dichlorobenzene	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
1,4-Dichlorobenzene	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	25 U	28 U	--	--	23 U	23 U
2-Hexanone	µg/kg	25 U	28 U	--	--	23 U	23 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	25 U	28 U	--	--	23 U	23 U
Acetone	µg/kg	25 U	28 U	--	--	5.0 J	23 U
Benzene	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
Bromodichloromethane	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
Bromoform	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
Bromomethane (Methyl bromide)	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
Carbon disulfide	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
Carbon tetrachloride	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
Chlorobenzene	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
Chloroethane	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
Chloroform (Trichloromethane)	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U

Table 2

Analytical Results Summary
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

Location ID:		**SS10**	**SS10**	**SS10-SS11**	**SS10-SS11**	**SS11**	**SS11**
Sample Name:		**SS10-050422-0905**	**SS10-050422-0900**	**COMP-050422-0930**	**COMP-050422-0940**	**SS11-050422-0915**	**SS11-050422-0910**
Sample Date:		**05/04/2022**	**05/04/2022**	**05/04/2022**	**05/05/2022**	**05/04/2022**	**05/04/2022**
Depth:		**0.5-1 ft BGS**	**0-0.5 ft BGS**	**0.5-1 ft BGS**	**0.5-1 ft BGS**	**0.5-1 ft BGS**	**0-0.5 ft BGS**
Parameters	**Unit**						
Volatile Organic Compounds (Continued)							
Chloromethane (Methyl chloride)	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
cis-1,2-Dichloroethene	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
cis-1,3-Dichloropropene	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
Cyclohexane	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
Dibromochloromethane	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
Dichlorodifluoromethane (CFC-12)	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
Ethylbenzene	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
Isopropyl benzene	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
Methyl acetate	µg/kg	25 U	28 U	--	--	23 U	23 U
Methyl cyclohexane	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
Methyl tert butyl ether (MTBE)	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
Methylene chloride	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
Styrene	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
Tetrachloroethene	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
Toluene	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
trans-1,2-Dichloroethene	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
trans-1,3-Dichloropropene	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
Trichloroethene	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
Trichlorofluoromethane (CFC-11)	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
Trifluorotrichloroethane (CFC-113)	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
Vinyl chloride	µg/kg	5.0 U	5.6 U	--	--	4.5 U	4.7 U
Xylenes (total)	µg/kg	10 U	11 U	--	--	9.0 U	9.4 U
Semi-volatile Organic Compounds							
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	--	--	220 U	230 U	--	--
2,4,5-Trichlorophenol	µg/kg	--	--	220 U	230 U	--	--

Table 2

Analytical Results Summary
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

Location ID:		**SS10**	**SS10**	**SS10-SS11**	**SS10-SS11**	**SS11**	**SS11**
Sample Name:		**SS10-050422-0905**	**SS10-050422-0900**	**COMP-050422-0930**	**COMP-050422-0940**	**SS11-050422-0915**	**SS11-050422-0910**
Sample Date:		**05/04/2022**	**05/04/2022**	**05/04/2022**	**05/05/2022**	**05/04/2022**	**05/04/2022**
Depth:		**0.5-1 ft BGS**	**0-0.5 ft BGS**	**0.5-1 ft BGS**	**0.5-1 ft BGS**	**0.5-1 ft BGS**	**0-0.5 ft BGS**
Parameters	**Unit**						
Semi-volatile Organic Compounds (Continued)							
2,4,6-Trichlorophenol	µg/kg	--	--	220 U	230 U	--	--
2,4-Dichlorophenol	µg/kg	--	--	220 U	230 U	--	--
2,4-Dimethylphenol	µg/kg	--	--	220 U	230 U	--	--
2,4-Dinitrophenol	µg/kg	--	--	2100 U	2200 U	--	--
2,4-Dinitrotoluene	µg/kg	--	--	220 U	230 U	--	--
2,6-Dinitrotoluene	µg/kg	--	--	220 U	230 U	--	--
2-Chloronaphthalene	µg/kg	--	--	220 U	230 U	--	--
2-Chlorophenol	µg/kg	--	--	420 U	440 U	--	--
2-Methylnaphthalene	µg/kg	--	--	220 U	230 U	--	--
2-Methylphenol	µg/kg	--	--	220 U	230 U	--	--
2-Nitroaniline	µg/kg	--	--	420 U	440 U	--	--
2-Nitrophenol	µg/kg	--	--	220 U	230 U	--	--
3,3'-Dichlorobenzidine	µg/kg	--	--	420 U	440 U	--	--
3-Nitroaniline	µg/kg	--	--	420 U	440 U	--	--
4,6-Dinitro-2-methylphenol	µg/kg	--	--	420 U	440 U	--	--
4-Bromophenyl phenyl ether	µg/kg	--	--	220 U	230 U	--	--
4-Chloro-3-methylphenol	µg/kg	--	--	220 U	230 U	--	--
4-Chloroaniline	µg/kg	--	--	220 U	230 U	--	--
4-Chlorophenyl phenyl ether	µg/kg	--	--	220 U	230 U	--	--
4-Methylphenol	µg/kg	--	--	420 U	440 U	--	--
4-Nitroaniline	µg/kg	--	--	420 U	440 U	--	--
4-Nitrophenol	µg/kg	--	--	420 U	440 U	--	--
Acenaphthene	µg/kg	--	--	220 U	230 U	--	--
Acenaphthylene	µg/kg	--	--	220 U	230 U	--	--
Acetophenone	µg/kg	--	--	220 U	230 U	--	--
Anthracene	µg/kg	--	--	220 U	230 U	--	--

Table 2

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Location ID:		**SS10**	**SS10**	**SS10-SS11**	**SS10-SS11**	**SS11**	**SS11**
Sample Name:		**SS10-050422-0905**	**SS10-050422-0900**	**COMP-050422-0930**	**COMP-050422-0940**	**SS11-050422-0915**	**SS11-050422-0910**
Sample Date:		**05/04/2022**	**05/04/2022**	**05/04/2022**	**05/05/2022**	**05/04/2022**	**05/04/2022**
Depth:		**0.5-1 ft BGS**	**0-0.5 ft BGS**	**0.5-1 ft BGS**	**0.5-1 ft BGS**	**0.5-1 ft BGS**	**0-0.5 ft BGS**
Parameters	**Unit**						
Semi-volatile Organic Compounds (Continued)							
Atrazine	µg/kg	--	--	220 U	230 U	--	--
Benzaldehyde	µg/kg	--	--	220 U	230 U	--	--
Benzo(a)anthracene	µg/kg	--	--	170 J	84 J	--	--
Benzo(a)pyrene	µg/kg	--	--	210 J	92 J	--	--
Benzo(b)fluoranthene	µg/kg	--	--	270	120 J	--	--
Benzo(g,h,i)perylene	µg/kg	--	--	170 J	59 J	--	--
Benzo(k)fluoranthene	µg/kg	--	--	110 J	51 J	--	--
Biphenyl (1,1-Biphenyl)	µg/kg	--	--	220 U	230 U	--	--
bis(2-Chloroethoxy)methane	µg/kg	--	--	220 U	230 U	--	--
bis(2-Chloroethyl)ether	µg/kg	--	--	220 U	230 U	--	--
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	--	--	220 U	230 U	--	--
Butyl benzylphthalate (BBP)	µg/kg	--	--	220 U	230 U	--	--
Caprolactam	µg/kg	--	--	220 U	230 U	--	--
Carbazole	µg/kg	--	--	220 U	230 U	--	--
Chrysene	µg/kg	--	--	200 J	88 J	--	--
Di-n-butylphthalate (DBP)	µg/kg	--	--	48 J	230 U	--	--
Di-n-octyl phthalate (DnOP)	µg/kg	--	--	220 U	230 U	--	--
Dibenz(a,h)anthracene	µg/kg	--	--	38 J	230 U	--	--
Dibenzofuran	µg/kg	--	--	220 U	230 U	--	--
Diethyl phthalate	µg/kg	--	--	220 U	230 U	--	--
Dimethyl phthalate	µg/kg	--	--	220 U	230 U	--	--
Fluoranthene	µg/kg	--	--	350	190 J	--	--
Fluorene	µg/kg	--	--	220 U	230 U	--	--
Hexachlorobenzene	µg/kg	--	--	220 U	230 U	--	--
Hexachlorobutadiene	µg/kg	--	--	220 U	230 U	--	--
Hexachlorocyclopentadiene	µg/kg	--	--	220 U	230 U	--	--

Table 2

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May 2022

Location ID:		**SS10**	**SS10**	**SS10-SS11**	**SS10-SS11**	**SS11**	**SS11**
Sample Name:		**SS10-050422-0905**	**SS10-050422-0900**	**COMP-050422-0930**	**COMP-050422-0940**	**SS11-050422-0915**	**SS11-050422-0910**
Sample Date:		**05/04/2022**	**05/04/2022**	**05/04/2022**	**05/05/2022**	**05/04/2022**	**05/04/2022**
Depth:		**0.5-1 ft BGS**	**0-0.5 ft BGS**	**0.5-1 ft BGS**	**0.5-1 ft BGS**	**0.5-1 ft BGS**	**0-0.5 ft BGS**
Parameters	**Unit**						
Semi-volatile Organic Compounds (Continued)							
Hexachloroethane	µg/kg	--	--	220 U	230 U	--	--
Indeno(1,2,3-cd)pyrene	µg/kg	--	--	150 J	53 J	--	--
Isophorone	µg/kg	--	--	220 U	230 U	--	--
N-Nitrosodi-n-propylamine	µg/kg	--	--	220 U	230 U	--	--
N-Nitrosodiphenylamine	µg/kg	--	--	220 U	230 U	--	--
Naphthalene	µg/kg	--	--	220 U	230 U	--	--
Nitrobenzene	µg/kg	--	--	220 U	230 U	--	--
Pentachlorophenol	µg/kg	--	--	420 U	440 U	--	--
Phenanthrene	µg/kg	--	--	150 J	96 J	--	--
Phenol	µg/kg	--	--	220 U	230 U	--	--
Pyrene	µg/kg	--	--	320	180 J	--	--
PCBs							
Aroclor-1016 (PCB-1016)	mg/kg	--	--	0.26 U	0.24 U	--	--
Aroclor-1221 (PCB-1221)	mg/kg	--	--	0.26 U	0.24 U	--	--
Aroclor-1232 (PCB-1232)	mg/kg	--	--	0.26 U	0.24 U	--	--
Aroclor-1242 (PCB-1242)	mg/kg	--	--	0.26 U	0.24 U	--	--
Aroclor-1248 (PCB-1248)	mg/kg	--	--	0.12 J	0.24 U	--	--
Aroclor-1254 (PCB-1254)	mg/kg	--	--	0.26 U	0.24 U	--	--
Aroclor-1260 (PCB-1260)	mg/kg	--	--	0.26 U	0.24 U	--	--
Pesticides							
4,4'-DDD	µg/kg	--	--	11 U	2.2 U	--	--
4,4'-DDE	µg/kg	--	--	21	9.3	--	--
4,4'-DDT	µg/kg	--	--	9.0 J	2.1 J	--	--
Aldrin	µg/kg	--	--	11 U	2.2 U	--	--

Table 2

Analytical Results Summary
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Location ID:		**SS10**	**SS10**	**SS10-SS11**	**SS10-SS11**	**SS11**	**SS11**
Sample Name:		**SS10-050422-0905**	**SS10-050422-0900**	**COMP-050422-0930**	**COMP-050422-0940**	**SS11-050422-0915**	**SS11-050422-0910**
Sample Date:		**05/04/2022**	**05/04/2022**	**05/04/2022**	**05/05/2022**	**05/04/2022**	**05/04/2022**
Depth:		**0.5-1 ft BGS**	**0-0.5 ft BGS**	**0.5-1 ft BGS**	**0.5-1 ft BGS**	**0.5-1 ft BGS**	**0-0.5 ft BGS**
Parameters	**Unit**						
Pesticides (Continued)							
alpha-BHC	µg/kg	--	--	11 U	2.2 U	--	--
alpha-Chlordane	µg/kg	--	--	11 U	2.2 U	--	--
beta-BHC	µg/kg	--	--	11 U	2.2 U	--	--
delta-BHC	µg/kg	--	--	11 U	2.2 U	--	--
Dieldrin	µg/kg	--	--	11 U	2.2 U	--	--
Endosulfan I	µg/kg	--	--	11 U	2.2 U	--	--
Endosulfan II	µg/kg	--	--	11 U	2.2 U	--	--
Endosulfan sulfate	µg/kg	--	--	11 U	2.2 U	--	--
Endrin	µg/kg	--	--	11 U	2.2 U	--	--
Endrin aldehyde	µg/kg	--	--	11 U	2.2 U	--	--
Endrin ketone	µg/kg	--	--	11 U	2.2 U	--	--
gamma-BHC (lindane)	µg/kg	--	--	11 U	2.2 U	--	--
gamma-Chlordane	µg/kg	--	--	11 U	2.2 U	--	--
Heptachlor	µg/kg	--	--	11 U	2.2 U	--	--
Heptachlor epoxide	µg/kg	--	--	11 U	2.2 U	--	--
Methoxychlor	µg/kg	--	--	11 U	2.2 U	--	--
Toxaphene	µg/kg	--	--	110 U	22 U	--	--
Metals							
Aluminum	mg/kg	--	--	13000	15500	--	--
Antimony	mg/kg	--	--	2.7 J	2.5 J	--	--
Arsenic	mg/kg	--	--	6.7	5.3	--	--
Barium	mg/kg	--	--	75.3 J	86.4 J	--	--
Beryllium	mg/kg	--	--	0.56	0.64	--	--
Cadmium	mg/kg	--	--	0.34	0.30	--	--
Calcium	mg/kg	--	--	7880	12900	--	--

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Location ID:		**SS10**	**SS10**	**SS10-SS11**	**SS10-SS11**	**SS11**	**SS11**
Sample Name:		**SS10-050422-0905**	**SS10-050422-0900**	**COMP-050422-0930**	**COMP-050422-0940**	**SS11-050422-0915**	**SS11-050422-0910**
Sample Date:		**05/04/2022**	**05/04/2022**	**05/04/2022**	**05/05/2022**	**05/04/2022**	**05/04/2022**
Depth:		**0.5-1 ft BGS**	**0-0.5 ft BGS**	**0.5-1 ft BGS**	**0.5-1 ft BGS**	**0.5-1 ft BGS**	**0-0.5 ft BGS**
Parameters	**Unit**						
Metals (Continued)							
Chromium	mg/kg	--	--	18.6	25.6	--	--
Cobalt	mg/kg	--	--	7.0	7.4	--	--
Copper	mg/kg	--	--	43.4 J	46.9 J	--	--
Iron	mg/kg	--	--	16900	18100	--	--
Lead	mg/kg	--	--	42.1	23.8	--	--
Magnesium	mg/kg	--	--	4680	7830	--	--
Manganese	mg/kg	--	--	565	623	--	--
Mercury	mg/kg	--	--	0.68 J	0.37 J	--	--
Nickel	mg/kg	--	--	14.4	15.8	--	--
Potassium	mg/kg	--	--	2500 J	2980 J	--	--
Selenium	mg/kg	--	--	1.2 J	1.9 J	--	--
Silver	mg/kg	--	--	0.54 J	0.83 U	--	--
Sodium	mg/kg	--	--	105 J	130 J	--	--
Thallium	mg/kg	--	--	7.7 U	8.3 U	--	--
Vanadium	mg/kg	--	--	27.9	30.8	--	--
Zinc	mg/kg	--	--	138 J	106 J	--	--

Notes:

"--" - Not analyzed
ft BGS - Feet Below Ground Surface
J - Estimated concentration
U - Not detected at the associated reporting limit

Table 3

Analytical Methods
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

Parameter	Method	Matrix	Holding Time	
			Collection to Extraction (Days)	Collection or Extraction to Analysis (Days)
Volatile Organic Compounds (VOCs)	SW-846 8260	Water/Soil	-	14
Semi-Volatile Organic Compounds (SVOCs)	SW-846 8270C	Water	7	40
		Soil	14	40
Polychlorinated Biphenyls (PCBs)	SW-846 8082	Water	7	40
		Soil	14	40
Pesticides	SW-846 8081	Water	7	40
		Soil	14	40
Metals	SW-846 6020/6010B	Water/Soil	-	180
Mercury	SW-846 7470A/7471A	Water/Soil	-	28

Notes:

Method References:

SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions

Table 4

Qualified Sample Results Due to Outlying MS/MSD Results
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

Parameter	Sample ID	Analyte	MS % Recovery	MSD % Recovery	RPD (percent)	Control Limits % Recovery	Control Limits RPD	Qualified Result	Units
Metals	COMP-050422-0940	Mercury	54	56	1	80 - 120	20	0.37 J	mg/Kg
	COMP-050322-1400							0.14 J	mg/Kg
	COMP-050322-1405							0.54 J	mg/Kg
	COMP-050322-1545							0.12 J	mg/Kg
	COMP-050322-1550							0.094 J	mg/Kg
	COMP-050422-0930							0.68 J	mg/Kg
	4125-050322-0002							0.19 J	mg/Kg
	COMP-050422-0940	Antimony	62	64	6	75 - 125	20	2.5 J	mg/Kg
	COMP-050322-1400	Antimony						3.4 J	mg/Kg
	COMP-050322-1405	Antimony						2.5 J	mg/Kg
	COMP-050322-1545	Antimony						2.8 J	mg/Kg
	COMP-050322-1550	Antimony						2.7 J	mg/Kg
	COMP-050422-0930	Antimony						2.7 J	mg/Kg
	4125-050322-0002	Antimony						3.3 J	mg/Kg
	COMP-050422-0940	Barium	130	131	2	75 - 125	20	86.4 J	mg/Kg
	COMP-050322-1400	Barium						113 J	mg/Kg
	COMP-050322-1405	Barium						83.7 J	mg/Kg

Table 4

Qualified Sample Results Due to Outlying MS/MSD Results
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

Parameter	Sample ID	Analyte	MS % Recovery	MSD % Recovery	RPD (percent)	Control Limits % Recovery	Control Limits RPD	Qualified Result	Units
Metals	COMP-050322-1545	Barium	130	131	2	75 - 125	20	97.1 J	mg/Kg
	COMP-050322-1550	Barium						76.9 J	mg/Kg
	COMP-050422-0930	Barium						75.3 J	mg/Kg
	4125-050322-0002	Barium						101 J	mg/Kg
	COMP-050422-0940	Copper	44	58	11	75 - 125	20	46.9 J	mg/Kg
	COMP-050322-1400	Copper						22.7 J	mg/Kg
	COMP-050322-1405	Copper						28.5 J	mg/Kg
	COMP-050322-1545	Copper						16.2 J	mg/Kg
	COMP-050322-1550	Copper						21.3 J	mg/Kg
	COMP-050422-0930	Copper						43.4 J	mg/Kg
	4125-050322-0002	Copper						16.1 J	mg/Kg
	COMP-050422-0940	Potassium	186	179	0	75 - 125	20	2980 J	mg/Kg
	COMP-050322-1400	Potassium						4800 J	mg/Kg
	COMP-050322-1405	Potassium						3610 J	mg/Kg
	COMP-050322-1545	Potassium						3880 J	mg/Kg
	COMP-050322-1550	Potassium						3250 J	mg/Kg
	COMP-050422-0930	Potassium						2500 J	mg/Kg

Table 4

Qualified Sample Results Due to Outlying MS/MSD Results
Soil Sampling
Delphi Automotive Systems Site #828064
Rochester, New York
May 2022

Parameter	Sample ID	Analyte	MS % Recovery	MSD % Recovery	RPD (percent)	Control Limits % Recovery	Control Limits RPD	Qualified Result	Units
Metals	4125-050322-0002	Potassium	186	179	0	75 - 125	20	3950 J	mg/Kg
	COMP-050422-0940	Zinc	14	33	9	75 - 125	20	106 J	mg/Kg
	COMP-050322-1400	Zinc						102 J	mg/Kg
	COMP-050322-1405	Zinc						89.7 J	mg/Kg
	COMP-050322-1545	Zinc						78.7 J	mg/Kg
	COMP-050322-1550	Zinc						97.2 J	mg/Kg
	COMP-050422-0930	Zinc						138 J	mg/Kg
	4125-050322-0002	Zinc						75.9 J	mg/Kg

Notes:

MS - Matrix Spike
MSD - Matrix Spike Duplicate
RPD - Relative Percent Difference
J - Estimated concentration