Remedial Investigation Work Plan

Location:

Turbine Engine Control Technologies - Utica Corporation
NYSDEC BCP Site No. C633092
8273 Halsey Road (aka 2 Halsey Road)
Whitestown, Oneida County, New York

Prepared for:

Turbine Engine Components
Technologies - Utica Corporation
8273 Halsey Road
Whitestown, New York, 10457

BCP. No. C633092

LaBella Project No. 2243407

December 2025

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REMEDIAL INVESTIGATION WORK PLAN
TURBINE ENGINE CONTROL TECHNOLOGIES – UTICA CORPORATION
NYSDEC BCP SITE NO. C633092
8273 HALSEY ROAD (AKA 2 HALSEY ROAD)
WHITESTOWN, NEW YORK

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ACRONYMS

AGV	Air Guidance Value
AHA	Activity Hazard Analysis
AOC	Area of Concern
ASP	Analytical Services Protocol
AST	Aboveground Storage Tank
BCP	Brownfield Cleanup Program
bgs	Below Ground Surface
CAH	Chlorinated Aliphatic Hydrocarbon
CAMP	Community Air Monitoring Plan
CBS	Chemical Bulk Storage
CFR	Code of Federal Regulations
COC	Chain-of-Custody
COPC	Constituents of Potential Concern
CSM	Conceptual Site Model
CUSCO	Commercial Use Soil Cleanup Objective
DCE	cis-1,2-dichloroethene
DER	Division of Environmental Remediation
DER-10	Technical Guidance for Site Investigation and Remediation
DNAPL	Dense Non-Aqueous Phase Liquid
DUSR	Data Usability Summary Report
EDD	Electronic Data Deliverable
EIMS	Environmental Information Management System
ELAP	Environmental Laboratory Approval Program
ESA	Environmental Site Assessment
ESI	Environmental Site Investigation
GPR	Ground Penetrating Radar
GQS	Groundwater Quality Standard
GV	Guidance Value
HASP	Health & Safety Plan
HFM	Historic Fill Material
HSM	Health & Safety Manager
IDW	Investigative Derived Waste
IH	Industrial Hygiene
IRM	Interim Remedial Measure
LaBella	LaBella Associates, DPC
LNAPL	Light Non-Aqueous Phase Liquid
MDL	Method Detection Limit
NYCDEP	New York City Department of Environmental Protection
NYCRR	New York Codes, Rules, & Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PBS	Petroleum Bulk Storage
PCB	Polychlorinated Biphenyl
PCE	Tetrachloroethene
PFAS	Per- and polyfluoroalkyl substances
PFOS	Perfluorooctanesulfonate
PG	Professional Geologist
PID	Photo-ionization Detector

PPE	Personal Protective Equipment
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
QEP	Qualified Environmental Professional
REC	Recognized Environmental Condition
RI	Remedial Investigation
RIR	Remedial Investigation Report
RIWP	Remedial Investigation Work Plan
SCG	Standards, Criteria, & Guidance
RRUSCO	Restricted Residential Use Soil Cleanup Objective
SCO	Soil Cleanup Objective
SDG	Sample Delivery Group
SI	Subsurface Investigation
SQG	Small Quantity Generator
SVOC	Semi-Volatile Organic Compound
TAGM	Technical and Administrative Guidance Memorandum
TAL	Target Analyte List
TCE	Trichloroethene
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
UUSCO	Unrestricted Use Soil Cleanup Objective
VOC	Volatile Organic Compound

CERTIFICATION

I, Dan Noll, PE, certify that I am currently a NYS registered professional engineer as defined in 6 NYCRR Part 375 and that this Remedial Investigation Work Plan (RIWP) was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the New York State Department of Environmental Conservation's (NYSDECs) Division of Environmental Remediation (DER) Technical Guidance for Site Investigation and Remediation (DER-10).



Dan Noll, PE

12/17/2025

Date

1.0 INTRODUCTION

LaBella Associates, D.P.C. ("LaBella") has prepared the following Remedial Investigation Work Plan (RIWP) on behalf of Turbine Engine Components Technologies – Utica Corporation, a participant under the New York State Brownfield Cleanup Program (BCP). This RIWP identifies the investigative tasks to be implemented at the Site located at 8273 Halsey Road (aka 2 Halsey Road), Whitestown, Oneida County, New York (**Figure 1).** The Site is identified as Tax Map/Parcel number 316-1-2.1 (part of) and 316-1-2.4 (part of) on the Oneida County Tax Map.

The Site has been accepted into the NYSDEC's BCP, the BCP Participant will perform the investigation and remediation as a Participant. BCP Number C633092 has been assigned to the Site. This investigation is intended to delineate the nature and extent of contamination within the Site boundary and evaluate if any on-site impacts may be migrating off-site.

1.1 Site Description and History

1.1.1 *Site Background and Description*

The Site is comprised of Tax Map/Parcel number 316-1-2.1 (part of) and 316-1-2.4 (part of) and measures 69.736-acres. The Site is located in a suburban area with adjacent/nearby properties developed with residential, commercial and industrial uses. The Site is located along the north side of Halsey Road and on both the east and west sides of Gibson Road.

The Site is used for industrial purposes and operations include the manufacturing of aerospace parts. Three (3) buildings totaling 249,725 square feet are present at the Site. The manufacturing/office building (Main Building) is a single-story manufacturing building totaling 238,725 square feet. The chemical storage building is approximately 6,400 square feet. The compressor building is approximately 4,600 square feet. Paved parking areas and driveways are located surrounding the buildings. The remainder of the Site is wooded. A site map including the BCP boundary is provided in **Figure 2**. The property is serviced via municipal water and sewer.

1.1.2 *Site History*

The Site has historically been utilized for manufacturing aerospace parts which is also the current use. The original manufacturing building was constructed in 1956 by the Turbine Part Division and the Metals Division of the Utica Drop Forge Co. The company consolidated into Turbine Engine Components Technologies in the mid-1990s. In 2020, the company was acquired by Whitcraft Power Holdings LLC, one of a family of aerospace companies d/b/a Pursuit Aerospace.

The following information provided below in italics was obtained from the Draft Remedial Investigation Report completed by HRP Associates, Inc. (HRP), dated November 2023. The HRP DRAFT Remedial Investigation Report is included as **Appendix E.** Select Figures from the HRP report are also located in **Appendix A.**

1.1.3 *Topography*

The Site and surrounding area are located in a flood plain formed by the confluence of Sauquoit Creek (located east of the Site), the Oriskany Creek (located west of the Site) and the Mohawk River (located north of the site). Topography of the Site is relatively flat at an elevation of approximately 610 feet above mean sea level (ft amsl). Topography of the surrounding area (within one mile of the Site) is relatively flat, sloping southwest, towards the Oriskany Creek and its tributaries. Site topography is depicted on ***Figure 1****.*

1.1.4 *Hydrology*

Surface Water

The nearest surface water bodies to the Site are tributaries to Oriskany Creek and Mud Creek. A tributary which runs west to Oriskany Creek is located approximately 1,500 feet to the southwest and downgradient of the Site. A tributary which runs east to Mud Creek is located approximately 1,900 ft to the northwest and upgradient of the Site. The Oriskany Creek and its tributaries are classified by the NYSDEC as Class "B(T)" waterbodies. The Mud Creek and its tributaries are classified as Class "C(T)" waterbodies. Waterbodies surrounding the Site are depicted on **HRP Figure 4** *in* **Appendix A**.

According to 6 NYCRR Part 701: "The best usages of Class B waters are primary and secondary contact recreation and fishing. These waters shall be suitable for fish, shellfish and wildlife propagation and survival. The best usage of Class C waters is fishing. These waters shall be suitable for fish, shellfish and wildlife propagation and survival. The quality of a Class C waterbody shall be suitable for primary and secondary contact recreation, although other factors may limit the use for these purposes". The designation (T) indicates these waterbodies are trout waters.

Wetlands

According to the New York State Environmental Resource Mapper (NYS ERM), the nearest NYSDEC regulated wetland is located approximately 1,500 feet (0.3 miles) south of the Site and is a tributary to Oriskany Creek. The NYS ERM identifies two areas listed on the National Wetlands Inventory located within Site boundaries. The area identified as PSS1E is an approximately 5.8-acre Freshwater Forested/Shrub Wetland located approximately 100 ft northeast and upgradient of Site buildings. The area identified as PEM1E is an approximately 1.1-acre Freshwater Emergent Wetland located approximately 700 ft west of Site buildings (across Gibson Road).

According to the U.S. Fish and Wildlife Service Wetlands Inventory, the nearest federally regulated wetlands consist of an upgradient freshwater forested/shrub wetland located within the property boundaries of the Site and approximately 200 feet east of Site buildings. Samples were not collected from the wetland because of its upgradient position, located at a considerable distance from the Site's boundary, and the absence of surface migration pathways linking the Site and the wetland. Wetlands surrounding the Site are depicted on **HRP Figure 4** *in* **Appendix A**.

1.1.5 *Geology*

Soils and Surficial Geology

Based on observations made during on-site soil sampling, Site soils generally consists of 5-10 feet of medium sand and silt with trace gravel overlain by 3-5 feet of a gravely medium sand with some silt. Refusal was reached at a depth of 8-15 feet below grade (ft bg) across the Site during the advancement of two-inch soil borings via a motorized drill rig. The soils were consistent across the site. Geologic cross-sections prepared using information from soil borings and monitoring wells installed during on-Site investigations are shown in **HRP Figures 5A-5C** *in* **Appendix A**.

Surficial geology at the Site is mapped as oxidized, non-calcareous, fine sand to gravel (Caldwell et. al., 1986). According to the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey, 100% of the Site area is mapped as Udorthents smoothed 3 to 8 percent slopes.

Bedrock Geology
Bedrock was encountered at depths of 8-14 feet below grade during the installation of soil borings and groundwater monitoring wells. Based on six NX rock core samples collected from two bedrock monitoring wells installed by HRP (HRP-BR-1 and MW-6-BR), bedrock was described as gray, highly fissile shale with horizontal bedding. RQD values were determined to be zero in each of the six rock cores collected from the wells, with the exception of the core collected from HRP-BR-1 (21-25 ft bg), where a RQD of 10% was encountered. The bedrock geology is mapped as shale and siltstones associated with the Middle Ordovician Lorraine, Trenton and Black River Groups (Fisher et al., 1970).

Hydrogeology
Based on measurements collected on October 1, 2020, groundwater is present depths of 3-15 ft bg across the Site. According to the October 2020 measurements, groundwater flow is mapped as flowing to the west-southwest across the Site at a hydraulic gradient of approximately 0.015 ft/ft. The groundwater levels recorded during the RI monitoring events are summarized on ***HRP Table 1*** *included in* ***Appendix A*** *and a groundwater contour map depicting flow direction based on measurements collected on October 1, 2020 is included as* ***HRP Figure 6*** *in* ***Appendix A****.*

1.1.6 *Current and Future Site Use*

The current use of the Site is manufacturing of aerospace parts. This use is not expected to change post-investigation and remediation.

2.0 PREVIOUS INVESTIGATIONS

Previous environmental investigations and remedial actions were completed at the Site during the 1990s and 2000s. Chlorinated volatile organic compounds (CVOCs) are the primary contaminant of concern, although elevated concentrations of heavy metals and SVOCs have also been identified and remediated. A summary of historical investigation and remedial actions is as follows:

The following previous investigation reports were reviewed and summarized from the HRP DRAFT Remedial Investigation Report, dated November 2023 **(See Appendix E).**

2.1 Phase I/Phase II Environmental Site Assessment – August 1990

A Phase I/Phase II Environmental Site Assessment (ESA) was completed at the Site in August 1990 by Groundwater Technology Inc. (GTI). The GTI Phase I/Phase II ESA identified the presence of polychlorinated biphenyls (PCBs) in the basement; surficial petroleum staining near two (2) former waste oil underground storage tanks (USTs); and VOCs in soil and groundwater.

2.2 Environmental Investigation Report – November 1993

An Environmental Investigation Report was completed in 1993 by ERM Northeast, Inc. (ERM) which investigated five (5) areas:

- Compressor Building Area and adjacent soil pile (HR-1)
- Drum Storage Area (HR-3)
- Area Southeast of Manufacturing Building (HR-3)
- Former Wastewater Treatment Plant (WWTP) Area (HR-4)
- Oil/ Water Separator Area (HR-5)

The investigation identified petroleum-impacted soil near the compressor building and drum storage area as well as VOC impacts in groundwater in the southeastern portion of the Site. The report recommended the following:

- HR-1 and HR-2: Limited excavations around compressor building and drum storage area.
- HR-3: Groundwater remediation for CVOC impacts in groundwater in the southeastern portion of the Site.
- HR-4: Additional characterization of former WWTP.
- HR-5: Improve operation and maintenance of oil/ water separator.

2.3 Environmental Remediation Plan – December 1994

A Remediation Plan was developed by ERM in 1994 based on the 1993 investigation. Remedies were proposed for five (5) areas (HR-1 through HR-5) including the compressor building soil pile, drum storage area, southeast of the manufacturing building, former WWTP area, and oil/water separator.

2.4 Transformer Release Report – September 1995

A 1995 Transformer Release Report was developed by ERM detailing a transformer oil spill containing PCBs (Spill #9416805). Approximately 400-430 gallons of PCB-containing transformer fluid was released from the transformer area along a ditch to the oil/water separator. A majority of the oil was contained in the oil/ water separator; however, some oil reached a dry creek bed. The USEPA and NYSDEC were notified and a remediation plan was put in place. Approximately 200 gallons of PCB oil was removed from the oil/ water separator and additional oil was removed from the creek bed. The spill was closed on May 29, 1995.

2.5 Remedial Action Plan – September 1995

A Remedial Action Plan Report was developed by ERM in 1995 detailing a pump and treat system installation. The system operation was detailed in a 1996 startup summary report. The system consisted of an approximate 125-ft long 14-ft deep high permeability trench and two (2) recovery wells. The system operated from 1996 through 1999 and treated approximately 500,000 gallons of groundwater. Quarterly groundwater sampling reports were completed during that timeframe.

2.6 Closure Report – January 1996

A Closure Report was prepared by ERM in 1996 for closure of four (4) of the areas of concern; HR-1 the former boiler building soil pile, HR-2 the former drum storage area, HR-4 the former WWTP, and HR-5 the oil/ water separator.

- HR-1: Former Boiler Building Soil Pile – Delineation soil borings identified elevated TPH and VOCs in soil. Approximately 138 tons of soil was removed and disposed of as non-hazardous.
- HR-2: Former Drum Storage Area – Delineation soil borings identified elevated TPH and VOCs in soil likely caused by a surface release of waste oil contaminated with chlorinated solvents. Approximately 368 tons of soil were disposed of as hazardous waste.
- HR-4: Former WWTP – Remediation included demolition of two (2) sludge pits, two (2) grit chambers, settling tank and valve pit and the disposal of residual sludge and water. The structures were disposed of off-Site. Water removed was treated on-Site and discharged to the municipal sewer. Sludge was disposed of off-Site as hazardous waste. Confirmation soil samples did not warrant excavation.
- HR-5: Oil/ Water Separator – The oil/water separator was cleaned and upgraded. A stormwater operation & maintenance plan was developed for the Site.

2.7 DRAFT Remedial Investigation Report – November 2023

A Draft Remedial Investigation Report was completed by HRP dated November 2023. The conclusions from the HRP report are provided below in italics **(See Appendix E).**

Data collected to date over decades indicates the Site has been impacted by historical releases of CVOCs, the impacts are limited in extent, and the CVOC impacts have not and will not migrate off the Site. Based on the investigations completed by HRP between February 2020 and September 2021, the CVOC impacts are well delineated and do not pose a threat to human health and the environment. This is supported by the following conclusions:

CVOC impacts identified at the Site can be attributed to historical releases of chlorinated solvents.

- *Although the exact sources and dates of spills are unknown, data collected over a period from circa 1990 to date indicate the release is related to historical operations conducted in the areas of the chemical storage building, former drum storage area, and the area southeast of the manufacturing building where historical groundwater remediation was completed. Remediation was also completed in the former WWTP area of the Site.*

- *The Site has operated as an industrial metal manufacturer from 1956 to present and used chlorinated solvents in machining, degreasing, and etching of metal parts until the 1990s.*

- *A comparison of groundwater analytical data from the three sampling events conducted in 2020 to historical results demonstrates a substantial reduction in CVOC concentrations in Site groundwater from peak concentrations in the 1990s. According to historical reports, TCE in groundwater ranged up to 43,000 µg/L in 1997. During 2020 sampling events TCE was detected at a maximum concentration of 62 µg/L. The reduction in CVOC concentrations in groundwater may be attributed to the discontinued use of chlorinated solvents and improved housekeeping, the completion of remedial excavations in the 1990s, operation of the groundwater pump and treat system from 1996 to 1999, and the natural attenuation of CVOC concentrations.*

- *The concentrations of CVOC breakdown products (cis-1,2-DCE and vinyl chloride) detected in groundwater, relative to concentrations of TCE, are indicative of historical impacts undergoing degradation. This is most notable in groundwater analytical results from MW-02 in which cis-1,2-DCE and vinyl chloride concentrations were an order of magnitude greater than TCE concentrations and in MW-15R where the breakdown products were present in elevated concentrations, but TCE was not detected.*

- *Based on field observations and laboratory analytical results, the CVOC impacts identified in Site soils are not indicative of a source area or source material as defined by 6 NYCRR Part 375. No grossly contaminated soils (in the form of stained soils, elevated PID readings, or odors), non-aqueous phase liquids (NAPL), or solid/semisolid hazardous substances were observed in Site soils during boring installation. CVOC impacts to soil were largely confined to the saturated zone, indicating concentrations of CVOCs detected in subsurface soils are related to groundwater impacts and not an active surface release. While some CVOC impacts were observed in soils above the water table, CVOC concentrations were generally greater in soils from the saturated zone. Impacts observed above the water table may be attributed to CVOCs in groundwater which have sorbed to soils through fluctuation of the groundwater table (i.e. groundwater smear zone).*

Site CVOC impacts have been well delineated and are not a threat to human health and the environment.

Soil

- *CVOC impacts to Site soils have been thoroughly delineated and are limited to subsurface soils, the majority of which are under paved surfaces. The results of soil sampling in 2020 and 2021*

do not indicate a current surface source of impact. Therefore, the only exposure pathway to soil impacts would be through excavation activities. No exposure pathway to soil impacts reasonably exists to off-site receptors. Additionally, CVOC concentrations were not detected in soils above Industrial Use SCOs, the most appropriate SCO for Protection of Public Health at the Site.

Groundwater

- *CVOC impacts to Site groundwater have been well delineated over a period of decades of monitoring, are generally limited to the area east and southeast of the main building and impacted groundwater is not migrating off-site. This is evidenced by groundwater analytical results (below SCGs or non-detect) from monitoring wells in downgradient and cross gradient directions to the west, southwest, and southeast.*

- *Results from two bedrock monitoring wells installed downgradient of the Site building confirm CVOC impacts are not migrating to the bedrock aquifer or off-site through the bedrock aquifer.*

- *Results from monitoring wells along the southwestern Site boundary confirm CVOCs are not migrating beneath off-site residential properties located at 8243 and 8249 Halsey Road.*

- *Isolated detections of CVOCs in MW-7C do not appear to be related to CVOC impacts in the area of the Site building. This is evidenced by multiple rounds of sampling conducted in 2020 which indicate CVOCs were not detected in monitoring wells located between the Site building and MW-7C. Two rounds of sampling conducted at MW-7C in 2020 indicate low concentrations of CVOCs which exceed SCGs. Based on the concentrations detected and non-detect results at nearby MW-7B, these impacts are not expected to extend off-site.*

- *The closest operational public water supply wells are located at the Westmoreland Water District, approximately 3.5 miles west of the Site. Potable water at the Site and surrounding parcels is provided by a public water supply from the Hinckley Reservoir, located approximately 18 miles northeast of the Site. Therefore, no exposure pathway to groundwater impacts reasonably exists to Site occupants/workers or off-site receptors.*

Soil Vapor

- *Based on the compounds detected, CVOC impacts in soil vapor beneath the slab of the main Site building appear to be related to impacts to Site soil and groundwater. Low detections of CVOCs in indoor air samples were below OSHA PEL air quality standards applicable to the Site.*

- *Based on groundwater results from monitoring wells downgradient/cross-gradient of on-site CVOC detections, CVOC impacts are not migrating through off-site groundwater. There are no other identified preferential vapor migration pathways. Therefore, soil vapor migration onto off-site properties is not anticipated.*

HRP recommends the following elements be implemented as Site institutional controls:

- *An environmental easement should be established for the Site. The environmental easement would outline allowable uses for the Site property, prohibit use of Site groundwater for potable purposes, and require preparation of a Site Management Plan (SMP).*

- *A SMP should be prepared to outline Site institutional controls and means and methods for their implementation. The SMP should include management plans for soil and groundwater to be implemented in the event of future Site excavation work as well as a groundwater monitoring*

plan intended to establish a schedule and methods for monitoring CVOC impacts to Site groundwater in order to monitor natural attenuation and ensure off-site migration is not occurring.

It should be noted that LaBella completed a review of the NYSDEC Infolocator (DECinfo Locator) on November 18, 2025 and several residential (domestic) water wells were identified within one mile of the Site. Based on the distances to these wells, groundwater flow direction, and the documented extent of impacts on the site, these wells do not appear to be a concern for off-site impacts. The nearest wells, direction/distance and well number documented by NYSDEC are summarized below:

Well ID	Direction	Distance	Diameter/Depth
0E04967	East-Northeast	4,400 ft	6" / 61 ft.
0E01733	West-Northwest	4,450 ft	6" / 70 ft.
0E01673	Southwest	4,250 ft	6" / 100 ft.
0E01779	South-Southwest	3,800 ft.	6" / 100 ft.

3.0 STANDARDS, CRITERIA, AND GUIDANCE

Based on previous investigations at the Site, the primary chemicals of concern (COCs) likely to be encountered at the Site are chlorinated VOCs (CVOCs).

This section identifies the Standards, Criteria and Guidelines (SCGs) for the Site. The SCGs identified are used to quantify the extent of contamination at the Site that may require remedial work based on the cleanup goal. The SCGs for soil and groundwater are as follows:

Soil SCGs

The SCGs for soil used in this RI are:

- NYCRR Subpart 375-6.8(a) Remedial Program Soil Cleanup Objectives (RPSCOs) for Unrestricted Use
- NYCRR Subpart 375-6.8(b) RPSCOs for the Protection of Groundwater
- NYCRR Subpart 375-6.8(b) RPSCOs for – Restricted Residential Use
- NYCRR Subpart 375-6.8(b) RPSCOs for – Commercial Use
- NYCRR Subpart 375-6.8(b) RPSCOs for – Industrial Use

The above-listed SCOs are at times used for comparison purposes and may not reflect the site-specific BCP cleanup goals, or goals that would be applicable in the event an environmental land use restriction is recorded as part of the BCP remedial process.

Groundwater and Surface Water SCGs

- The SCGs for groundwater used in this RI are the NYSDEC Part 703 Groundwater Standards.
- Technical and Operational Guidance Series (TOGS) 1.1.1 Water Quality Standards and Guidance Values

Soil Gas SCGs

Currently, no state regulatory (NYSDEC or NYSDOH) guidance values exist for soil gas.

Sub-Slab Soil Vapor and Indoor Air SCGs

The NYSDOH *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* dated October 2006 and subsequent updates.

Sediments

NYSDEC Division of Fish, Wildlife, and Marine Resources Bureau of Habitat Screening and Assessment of Contaminated Sediment dated June 24, 2014.

4.0 AREAS OF CONCERN

The following Areas of Concern (AOCs) have been identified at the Site.

AOC 1 – CVOC Impacted Soils

- Soil is impacted with CVOCs and locations of impacts include outside the chemical storage building, south of the compressor building, and former drum storage area. TCE was detected in the former drum storage area up to 380 parts per million (ppm) which is above the Protection of Groundwater and Commercial Use SCO but below the Industrial Use SCO. No other compounds in soil exceed Commercial Use SCOs. Cis-1,2-dichloroethene, vinyl chloride and trans-1,2-dichloroethylene were detected above Protection of Groundwater SCOs but below Commercial and Industrial Use SCOs.

AOC 2 – CVOC Impacted Groundwater

- CVOC impacts in groundwater are present on the southeastern portion of the Site. Compounds that exceed applicable groundwater standards and guidance values include 1,1,1-trichloroethane, 1,1-dichloroethane, cis-1,2-dichloroethylene, PCE, trans-1,2-dichloroethylene, TCE and vinyl chloride. MW-15R located to the south of the chemical storage building had the highest concentrations of total CVOCs including 3,800 parts per billion (ppb) cis-1,2-dichloroethylene, 100 ppb trans-1,2-dichloroethylene, and 1,300 ppb vinyl chloride. The highest concentrations of TCE were reported in MW-4 near the former drum storage area at 62 ppb.

AOC 3 - CVOC Impacted Soil Vapor and Indoor Air

- CVOCs are present in soil vapor and indoor air in the southern portion of the Main Building. TCE was detected in indoor air up to 2.3 micrograms per cubic meter (ug/$m^{3)}$ and in the sub-slab vapor up to 140 ug/m^3 which results in a finding of “mitigate” when compared to the decision matrices in the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York. Freon 113 was detected at 56,000 ug/m^3 in a sub-slab sample.

5.0 OBJECTIVES, SCOPE, AND RATIONALE

The primary objective of the RI is to collect the information and field data necessary to address data gaps as requested by NYSDEC regarding the AOCs. The Scope of Work includes the following tasks:

1. Subsurface soil investigation: NYSDEC requested additional delineation of subsurface soil and required soil sampling to also include 'Full-Suite' analysis plus emerging contaminants.

2. Soil vapor investigation: NYSDEC requested further evaluation of potential CVOCs impacts off-Site.

3. Groundwater investigation: NYSDEC requested further evaluation of existing groundwater contamination, additional delineation of groundwater contamination including an evaluation of the area between the Main Building and the former WWTP and an evaluation of potential off-site groundwater contamination. In addition, the NYSDEC has required sampling to include 'Full-Suite' analysis plus emerging contaminants.

4. Soil vapor/indoor air investigation: NYSDEC requested additional soil vapor and indoor air sampling in the southern basement area of the Main Building to include co-located sub-slab and indoor air samples.

5. Sediment and surface water sampling: NYSDEC requested sediment and surface water sampling to determine if site related impacts exist.

5.1 Subsurface Soil Investigation

Previous investigations have identified soils impacted with CVOCs in the vicinity of the chemical storage building, south of the compressor building, and in the former drum storage area; however, the vertical and horizontal extent of these impacts has not been fully identified.

To further delineate the soils impacted with CVOCs in the vicinity of the chemical storage building, south of the compressor building, and in the former drum storage areas, a total of twenty-one (21) soil borings, seven (7) per soil delineation area, will be installed.

The proposed soil boring locations are presented in **Figure 3**.

5.1.1 *Soil Investigation Methodology*

Soil borings will be installed utilizing a Geoprobe® direct-push drill rig and tooling with dedicated acetate liners. Each soil boring will be advanced into the water table or to bedrock refusal. Soil samples will be collected from each boring, from ground surface to boring termination.

Soils from the borings will be continuously assessed for visible or olfactory indications of impairment, and/or indication of detectable VOCs with a photo ionization detector (PID). Positive indications from any of these screening methods are collectively referred to as "evidence of impairment." Evidence of impairment that is gathered at the time of the fieldwork is used with observed hydrogeologic conditions to assist in determining the location and depth for sample collection. LaBella will provide a qualified scientist, geologist or engineer to supervise and document the soil boring program, and prepare logs describing the overburden stratigraphy, field measurements, and visual and olfactory observations.

Soil samples will preferentially be obtained where evidence of impairment or impacts are identified. Soil cores that do not demonstrate evidence of impairment or impacts via either visual, olfactory or headspace screening will be returned to the soil boring location from which they came to within 12 inches of ground surface, completed with clean material, and finished at grade to match the existing surface cover. Soil

exhibiting visual, olfactory, or elevated total VOC concentrations via headspace screening, not utilized for sample purposes, will be containerized in a properly labeled, steel 55-gallon drum and be temporarily stored at the Site pending analytical results.

5.1.2 *Soil Sampling Methodology*

A total of twenty-one (21) soil samples, (7) soil samples per soil delineation area from the vicinity of the chemical storage building, south of the compressor building, and in the former drum storage area will be submitted for laboratory analysis.

Up to nine (9) soil samples, three (3) per delineation area, will be analyzed for the Full Part 375 suite of analytical parameters. The Full Part 375 parameter list includes analysis of USEPA Target Compound List (TCL) and CP-51 List VOCs (EPA Method 8260C), USEPA TCL and CP-51 List SVOCs (EPA Method 8270D), Target Analyte List (TAL) metals (EPA Methods 6010 and 7471 for mercury), pesticides (EPA Method 8081), PCBs (EPA Method 8082), 1,4-dioxane (EPA Method 8270D with SIM), and PFAS (EPA Method 1633).

An additional twelve (12) soil samples, four (4) per delineation area, will also be analyzed for VOCs (EPA Method 8260C). Additional soil samples for VOCs may be added based on field observations with the intent/objective to fully delineate the extent of VOCs in soil.

Samples collected for VOC analysis will be collected utilizing terra-core sampling devices. The remaining soil samples will be transferred to the appropriate laboratory supplied glassware and packed in a cooler with ice and shipped under proper chain-of-custody procedures to a NYSDOH Environmental Laboratory Accreditation Program (ELAP) certified laboratory for analysis individually following NYSDEC ASP - Category B Deliverables. The soil samples collected for PFAS and 1,4 dioxane will be collected in accordance with the Department's April 2023 Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) guidance document.

A summary of the soil samples anticipated for collection/analysis during the RI is provided below **in Table 1.**

Table 1
Summary of Anticipated Soil Samples/Analysis

Sample Location	Number of Soil Samples by Analysis						
	VOCs	Semi-VOCs	Pesticides	PCBs	TAL Metals	1,4-Doixane	PFAS
Chemical Storage Building Area	7	3	3	3	3	3	3
South of the Compressor Building	7	3	3	3	3	3	3
Former Drum Storage Area	7	3	3	3	3	3	3
Blind Dup.	2	1	1	1	1	1	1
MS/MSD	2	1	1	1	1	1	1
Trip Blank	1 per Shipment	NA	NA	NA	NA	NA	1 per Shipment
Equipment Rinsate Blank	1 per Day	NA	NA	NA	NA	NA	1 per Day

Notes:
VOC: TCL and CP-51 VOCs via SW846-8260
Semi VOC: TCL and CP-51 Semi-VOCs via SW846-8270
1,4-Dioxane: 1,4-Dioxane via SW846-8270 with SIM
Pesticides: TCL Pesticides via SW846-8081A
PCBs: TCL PCBs via SW846-8082A
Metals: TAL metals via SW-846-6010D/SW-846-7471B (+ Hg)
PFAS: PFAS via EPA 1633
NA: NA: Trip Blank and Equipment Rinsate Blank samples not applicable for these analytes

5.2 Groundwater Investigation

Previous investigations have identified groundwater impacted with CVOCs. The groundwater investigation included in this work plan includes a combination of sampling new overburden and existing overburden and bedrock wells. A total of eight (8) new permanent overburden monitoring wells will be installed and designated MW-16 through MW-23. The new monitoring wells will be installed to further delineate CVOC contamination at the Site, to evaluate the area between the former WWTP and the Main Building and to evaluate the potential for off-site groundwater contamination. These groundwater monitoring wells will be sampled and analyzed for VOCs.

A total of thirteen (13) existing groundwater monitoring wells will be sampled for VOCs, five (5) of the existing groundwater monitoring wells will be sampled for Full Suite parameters including 1,4-Dioxane and four (4) of the existing groundwater monitoring wells will be sampled for PFAS.

The proposed new overburden groundwater monitoring wells and new and existing groundwater monitoring well sampling locations are presented in **Figure 4**.

A summary of the monitoring wells and the groundwater samples anticipated for collection/analysis during the RI is provided below in **Table 2.**

Table 2

New and Existing Monitoring Wells: Summary of Anticipated Groundwater Samples/Analysis

Sample Location	New Monitoring Wells: Number of Groundwater Samples by Analysis						
	VOCs	Semi-VOCs	Pesticides	PCBs	TAL Metals	1,4-Doixane	PFAS
8 New MWs, MW-16 to MW-23	8	--	--	--	--	--	--
Blind Dup.	1	--	--	--	--	--	--
MS/MSD	1	--	--	--	--	--	--
Trip Blank	1 per Shipment	--	--	--	--	--	--
Equipment Rinsate Blank	1 per Day	--	--	--	--	--	--
Sample Location	**Existing Monitoring Wells: Number of Groundwater Samples by Analysis**						
	VOCs	Semi-VOCs	Pesticides	PCBs	TAL Metals	1,4-Doixane	PFAS
MW-01							1
HRP-BR-1	1	1	1	1	1	1	--
HRP-2	1	--	--	--	--	--	--
MW-2	1	--	--	--	--	--	--
MW-3	1	--	--	--	--	--	--
MW-4	1	--	--	--	--	--	--
MW-5	1	1	1	1	1	1	1
MW-7C	1	1	1	1	1	1	1
MW-8	1	--	--	--	--	--	--
MW-9	1	--	--	--	--	--	--
MW-11R	1	--	--	--	--	--	--
MW-12	1	--	--	--	--	--	--
MW-14	1	1	1	1	1	1	1
MW-15R	1	1	1	1	1	1	--
Blind Dup.	1	1	1	1	1	1	1
MS/MSD	1	1	1	1	1	1	1
Trip Blank	1 per Shipment	NA	NA	NA	NA	NA	1 per Shipment
Equipment Rinsate Blank	1 per Day	NA	NA	NA	NA	NA	1 per Day

Notes:

VOC: TCL and CP-51 VOCs via SW846-8260
Semi VOC: TCL and CP-51 Semi-VOCs via SW846-8270
1,4-Dioxane: 1,4-Dioxane via SW846-8270 with SIM
Pesticides: TCL Pesticides via SW846-8081A
PCBs: TCL PCBs via SW846-8082A
Metals: TAL metals via SW-846-6010D/SW-846-7471B (+ Hg)
PFAS: PFAS via EPA 1633

NA: NA: Trip Blank and Equipment Rinsate Blank samples not applicable for these analytes
"—" : No sample to be collected for analysis

5.2.1 *Groundwater Investigation Methodology*

The overburden monitoring wells will be installed with a dual-capable Geoprobe® or equivalent with 4.25-inch hollow stem augers to equipment refusal and/or 5 to 10 feet into the water table. The wells will be constructed of 2-inch diameter PVC risers above 0.010 slot PVC screen. The final screened section location will depend on depth to water, depth to bedrock and field screening results; however, it is anticipated that the wells will extend to the top of bedrock (generally about 15 ft. bgs) with a 10-ft. screen section. This would allow the screened section to generally be set to have approximately 5 ft. of screen above the water table to allow for typical groundwater fluctuations.

Appropriate drilling methods will be used to ensure a minimum 6 3/8-inch borehole is used to install 2" monitoring wells. All monitoring wells will have 2 inches of annular space surrounding the monitoring well. A sand filter pack will be installed into the annular space to no less than 2 feet above the top of the screen. A 1-foot-thick layer of choke sand, a 1-foot thick layer of bentonite seal, and approximately 3 feet clean cuttings (if available) or Morie 0 sand or equivalent to 3-feet from grade will be placed above the filter pack. The wells will be finished with 2.5 to 3 feet of bentonite and an 8" flush mounted manhole/protective cover set in a 1-ft^2 concrete pad.

After completing installation, each well will be developed via either a peristaltic or inertial pump that will be connected (via well-dedicated polyethylene tubing) to a flow-thru cell (or equivalent) and associated water quality meter to record the parameters of temperature, pH, specific conductance, oxidation-reduction potential, dissolved oxygen and turbidity. These water quality parameters will be monitored until turbidity reduces to below 50 NTUs or, a maximum of 10 well volumes are removed, whichever occurs first. If the well goes dry prior to reducing turbidity and/or removal of 10 well volumes, the well will be allowed sufficient time for recovery so that additional well development activities can be undertaken at a later time.

All purge water generated during well development activities will be temporarily stored in 55-gallon drums at the site pending disposal at an approved facility.

After completion, the monitoring well locations will be surveyed by a licensed surveyor.

5.2.2 *Groundwater Sampling Methodology*

The monitoring well installation and groundwater sampling procedures will be conducted in accordance with NYSDEC DER-10. Groundwater samples will be collected and analyzed in accordance with the summary table presented below. Groundwater samples will be transferred to laboratory supplied glassware and packed in a cooler with ice and shipped under proper chain-of-custody procedures to a NYSDOH ELAP certified laboratory for analysis individually following NYSDEC ASP - Category B Deliverables. QA/QC samples such as trip blanks, duplicate samples, matrix spike/matrix spike duplicate samples (MS/MSDS), and field blanks will be collected.

Groundwater samples will be collected via low-flow methodologies. Water quality parameters including turbidity, pH, temperature, specific conductivity, dissolved oxygen, oxidation reduction potential, and depth to water will be recorded at 5-minute intervals. If 5-minute intervals are not sufficient to ensure one flow-through cell volume is "turned over" between measurements based on the flow rate required to achieve water level stabilization, the measurement interval will be extended appropriately. Samples will be collected when the parameters have stabilized for three (3) consecutive monitoring intervals to within the specified ranges below:

- Turbidity (+/- 10%, <50 NTU for metals)
- pH (+/-0.1)
- Temperature (+/- 3%)

- Specific conductivity (+/- 3%)
- Dissolved Oxygen (+/- 10%)
- Oxidation reduction potential (+/- 10 millivolts)

Flow rates used to achieve water level stabilization will remain constant throughout purging, indicator parameter monitoring and during sample collection.

5.3 Soil Vapor Investigation

Soil vapor sampling will be conducted in the southwest portion of the Site, in the vicinity of adjacent properties. This investigation will include two (2) soil vapor monitoring points. These soil vapor points will be installed to evaluate the potential for CVOC soil vapor impacts on or off-Site.

The proposed soil vapor sampling locations are presented in **Figure 3.**

5.3.1 *Soil Vapor Investigation Methodology*

Soil vapor sampling point installation and sample collection will be performed in accordance with the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006).

The sampling points will be installed using a Geoprobe® direct-push drill rig or manually driven rods to a depth of approximately 5 feet below grade. Sampling points will be constructed of a dedicated stainless-steel screen fitted with inert tubing (e.g., polyethylene or Teflon®) to grade. Porous, inert backfill material (e.g., glass beads, washed #1 crushed stone, etc.) will be added to create a sampling zone 1 to 2 feet in length. The sampling point will be sealed above the sampling zone with bentonite slurry for a minimum distance of 3 feet to prevent outdoor air infiltration and the remainder of the borehole will be backfilled with clean material.

Prior to sampling, approximately two to three probe volumes will be purged at a flow rate less than 0.2 liters per minute. VOC concentrations will be recorded during purging utilizing a PID. As part of the vapor evaluation, a tracer gas will be used in accordance with NYSDOH protocols to serve as a quality assurance/quality control (QA/QC) device to verify the integrity of the soil vapor probe seal. Helium will be used as the tracer gas and a box will serve to keep it in contact with the probe during testing. A portable monitoring device will be used to analyze a sample of soil vapor for the tracer prior to sampling. If the tracer sample results show a significant presence of the tracer, the probe seals will be adjusted to prevent infiltration.

The soil vapor samples are proposed for collection over a maximum 8-hour time period using SUMMA canisters with VOC analysis via analytical method TO-15. As recommended by the New York State Department of Health (NYSDOH), the flow rate for collection of the soil vapor samples will not exceed 0.2 liters per minute. The SUMMA canisters will be 1.0-liter or 6.0-liter capacity and of stainless steel construction. The SUMMA cannisters and regulators are provided by the analytical laboratory.
Soil vapor analysis will be for the full list of VOCs via analytical method TO-15. QA/QC sampling for soil vapor will only include the collection of a duplicate sample.

5.4 Interior Sub Slab Vapor, Indoor Air and Outdoor Air Investigation

Based on the soil vapor and indoor air sampling completed to date, CVOCs are present in soil vapor and indoor air in the southern portion of the Main Building, beneath the office area. To further determine the potential for soil vapor intrusion (SVI) in the Main Building, a total of four (4) sub-slab vapor, four (4) co-located indoor air and one (1) outdoor air samples will be collected.

It should be noted two other partial basement areas previously mentioned in prior reports and located beneath the Main Building manufacturing area, known as former EDM basement and the Hoffman basement, were reportedly filled in or are not accessible currently. As such, sub-slab vapor and co-located indoor air sampling will be conducted in the accessible basement, beneath the office area of the Main Building.

The proposed sub-slab vapor and co-located indoor air sampling locations are presented in **Figure 3.**

5.4.1 *Interior Sub-Slab Vapor, Indoor Air and Outdoor Air Investigation Methodology*

A total of four (4) sub-slab vapor, four (4) co-located indoor air, and one (1) outdoor ambient air samples will be collected utilizing individually certified-clean 1-liter Summa® canisters (or equivalent) equipped with laboratory calibrated flow controllers. The samples will be collected over an approximate eight (8) hour time period. The indoor and outdoor air samples will be collected at a height of approximately 3 to 5 feet above the floor or ground surface to simulate the breathing zone.

The sub-slab vapor samples will be collected from beneath the basement floor slab of the Main Building office area by coring an approximately 5/8" diameter hole through the floor slab using a rotary hammer drill to a depth of no more than 3 inches below the bottom of the concrete slab. The sample points will be constructed by installing VaporPins ® (stainless steel sampling port sealed with a silicon sleeve) or by inserting 3/8" diameter polyethylene tubing or equivalent with the annulus sealed with non-VOC emitting modeling clay or equivalent (e.g., hydrated bentonite or beeswax). The sample point tubing will be used to connect to a Summa® canister with a pre-set regulator set to 8-hours for sub-slab soil vapor collection.

Prior to sampling the sub-slab point, a tracer gas (helium) will be placed over each sampling point to ensure that ambient air is not being pulled into the Summa canister (i.e., sampling vessel) during sampling. This will be accomplished by placing a clean, stainless steel enclosure (or equivalent) over the sub-slab sampling points. Non-emitting VOC modeling clay or equivalent (e.g., hydrated bentonite) will be placed on the ground surface around the edge of the enclosure where it contacts the ground to make an air-tight seal. Prior to the purging and sampling activities, a helium tracer gas will be released via a small diameter tube, placed through a port on the exterior side of the enclosure. The vapor pin connected to tubing that extends out of the sealed enclosure will be connected to a helium detector to determine the presence of helium gas and purge the sample point. If helium is detected at a concentration of 10% or greater, the sample point will be resealed and retested prior to purging and sampling.

Immediately after opening each Summa® canister, the initial vacuum (inches of mercury) and time will be noted and recorded on the laboratory chain-of-custody. After approximately eight (8) hours, final vacuum readings (inches of mercury) will be noted and the Summa® canisters will be closed.

Soil vapor, indoor air and outdoor air sample analysis will be for the full list of VOCs via analytical method TO-15. QA/QC sampling will include a duplicate and matrix spike/matrix spike duplicate for sub-slab soil vapor will only.

5.5 Sediment and Surface Water Investigation

A federally regulated wetland area is located on-Site and approximately 200 feet east of the Main Building. In addition, there is a drainage ditch that runs from this wetland area with the gradient of the site, towards Halsey Road in a southerly direction. It appears this area is downgradient and would collect drainage from the eastern portion of the Site including the area of the chemical storage building, compressor building and the former drum storage area.

The proposed sediment and surface water sampling location is presented in **Figure 3.**

5.5.1 *Sediment and Surface Water Investigation and Sampling Methodology*

One (1) sediment sample and one (1) surface water sample will be collected from the drainage ditch area east of the Main Building and south of the wetland area and areas of concern to determine whether sediments or surface water have been impacted by contamination emanating from the Site. Sampling will be conducted in accordance with DER-10 Section 3.8.2. The surface water sample will be collected from this location prior to disturbing the sediment.

Sediment and surface water samples will be collected utilizing hand tools or dedicated sampling equipment. Sediment and surface water samples will be collected from the same location and analysis will include the Full Part 375 suite of analytical parameters and total organic carbon.

QA/QC samples (such as blanks, MS/MSD and duplicates) will not be collected during the sediment and surface water sampling.

5.6 Qualitative Human Health Exposure Evaluation

A qualitative human health exposure assessment will be completed for the Site, characterizing the current and future exposure setting, identifying exposure pathways, and evaluating contaminant fate and transport. The qualitative human health exposure assessment will be performed consistently with DER-10, appendix 3B and Section 3.3 (b) 8.

The DRAFT Remedial Investigation Report completed by HRP indicated that a Fish and Wildlife Resources Impact Analysis was determined to not be required given there are no identified impacted ecological resources present nor in the vicinity of the site. This information will be re-evaluated after additional data are obtained and evaluated to confirm this prior conclusion.

6.0 QUALITY ASSURANCE PROJECT PLAN

This quality assurance project plan (QAPP) presents the objectives, functional activities, methods, and quality assurance/quality control (QA/QC) requirements associated with sample collection and laboratory analysis for characterization activities. The QAPP follows requirements detailed in DER-10, Section 2.

6.1 Project Organization

The investigative efforts defined in this RIWP will be coordinated by LaBella on behalf of Turbine Engine Components Technologies – Utica Corporation. The following identifies the responsibilities of various organizations supporting the RI:

- The NYSDEC Project Manager (Kristen Granzen) will be responsible for reviewing and approving this work plan, coordinating approval of requested modifications, and providing guidance on regulatory requirements.
- The LaBella Program Manager (Dan Noll, PE) will provide technical expertise for review of the project plans, reports, and ongoing field activities. The Program Manager will act as the project's Quality Assurance Manager.
- LaBella Project Manager (William Sisco) will be responsible for the day-to-day project management, task leadership, and project engineering support and for the planning and implementation of RI activities. The Project Manager is responsible for ensuring that the requirements of this RI work plan are implemented. The Project Manager will also act as the Site Health and Safety Manager (HSM).

- LaBella Field Team Leader (Chris Putzer) will be responsible for sample collection, oversight of subcontractor personnel, and coordination of daily field activities. The Field Team Leader will act as the Site Health and Safety Officer ensuring implementation of the Site Health and Safety Plan.
- A NYSDOH ELAP certified laboratory (Pace Analytical) will be contracted to perform required analyses and reporting, including ASP Category B Deliverables, which will allow for data validation.
- Various LaBella personnel and other subcontracted entities will perform surveying, drilling, sampling and/or data validation tasks at the direction of the Project Manager and/or Field Team Leader in accordance with this RI work plan.

6.2 Laboratory Analysis

Requirements for sample analysis are described below. All samples will be submitted to a NYSDOH ELAP certified laboratory, Pace Analytical Laboratories, for analysis. Analytical methods, preservation, container requirements, and holding times are summarized below:

Table 3

Analytical Methods

Analyses	EPA Method	Soil and Sediment Samples			Groundwater and Surface Water Samples		
		Preservation	Holding Time	Container	Preservation	Holding Time	Container
VOCs (NYSDEC and CP-51 lists)	8260C/5035	(1) 5 ml MeOH (2) 5 ml Water Cool to 4°C	48 hours freeze 14 Days analysis	40 ml vials	5ml HCL Cool to 4°C	14 days	(3) 40 ml vials
SVOCs (NYSDEC list)	8270D	Cool to 4°C	14 days	4 oz. wide mouth glass	Cool to 4°C	7 days	(2) 1-L Amber
TAL Metals	6010	Cool to 4°C	6 months (28 days for Mercury)	4 oz. wide mouth glass	HNO3 (total); Unpreserved (dissolved) Cool to 4°C	6 months (28 days for Mercury)	250mL plastic
PCBs	8082A	Cool to 4°C	14 Days (Extraction)	4 oz. wide mouth glass	Cool to 4°C	7 Days	(2) 1-L Amber
Pesticides	8081B	Cool to 4°C	14 Days (Extraction)	4 oz. wide mouth glass	Cool to 4°C	7 Days	(2) 1-L Amber
1,4-Dixoane	8270D SIM	Cool to 4°C	14 Days (Extraction)	4 oz. wide mouth glass	Cool to 4°C	7 Days (Extraction)	500 mL amber
PFAS	1633	Cool to 4°C	14 Days (Extraction)	250 mL bottles	Cool to 4°C	14 Days to Extraction; 28 days to analysis	(2) 500 mL HDPE filled halfway

Analyses	EPA Method	Soil Vapor, Indoor Air and Outdoor Air Samples		
		Preservation	Holding Time	Container
VOCs	TO-15	Ambient, per TO-15 Protocol	30 days	SUMMA Canister (or equivalent)

6.3 Quality Assurance/Quality Control Sampling

QA/QC sampling will include collection of blind duplicate samples, field blank samples, samples for laboratory matrix spike/matrix spike duplicate (MS/MSD) analyses, and trip blank samples. These additional samples will be collected (where appropriate) and submitted to the contract laboratory. Their purpose is to assess the quality of the laboratory analytical data resulting from the field sampling program.

For soil and groundwater samples collected, the blind duplicate and MS/MSD samples will be submitted at a frequency of one (1) per 20 samples by matrix. In the event that a sampling round includes fewer than 20 samples, one (1) blind duplicate sample and one (1) MS/MSD set will be collected. Blind duplicate samples for each matrix will be collected and analyzed as a check on the aggregate analytical and sampling protocol precision. Analysis will be for the complete analyte list. Trip blank and equipment rinsate blank samples will be collected at a frequency of one (1) per day when VOCs or PFAS samples are collected. The trip blanks and equipment rinsate blank samples will be tested for VOCs and PFAS only. Equipment rinsate blanks will be collected as a check on the decontamination procedures implemented for re-usable equipment (such as drill tooling). **Tables 1 and 2** above presents a summary of the anticipated QA/QC samples (by matrix) for the scope of work proposed herein.

The following proposed modification should be noted regarding the above.

- QA/QC sampling for exterior soil vapor will only include the collection of a duplicate sample.
- QA/QC sampling for sub-slab vapor and indoor air will include a duplicate and matrix spike/matrix spike duplicate for sub-slab soil vapor only.
- QA/QC samples will not be collected during the sediment and surface water sampling.

6.4 Field/Laboratory Data Control Requirements

QC procedures will be followed in the field and at the laboratory to facilitate that reliable data are obtained. When performing field sampling, care shall be taken to prevent the cross-contamination of sampling equipment, sample bottles, and other equipment that could compromise sample integrity. QC samples will include blind duplicates, equipment blanks, trip blanks, method blanks, matrix spike and matrix spike duplicates.

6.5 Sample Identification

Each sample will be identified with a set of information relating individual sample characteristics. Required information consists of Sample Designation, Depth, Date, Time, and Matrix. Examples of sample IDs are shown below.

- SB-01 (0-2) (geoprobe sample, soil boring #1 from 0 to 2 feet)
- SV-01 (soil vapor sample)
- SD-01 (sediment sample)
- SS-01 (sub-slab soil vapor sample)
- IA-01 (indoor air)
- OA-01 (outdoor air)
- MW-01 (groundwater sample)
- SW-01 (surface water sample)

Sample frequency, locations, depths, and nomenclature may change subject to field decisions and professional judgment.

6.6 Chain-of-Custody, Sample Packaging and Shipment

Each day that samples are collected or within matrix/analysis hold times, a chain-of-custody/request for analysis form will be completed and submitted to the laboratory with samples to be analyzed. A copy of the chain-of-custody will be retained by the Project Manager. The COC will include the project name, sampler's signature, sample IDs, date and time of sample collection, and analysis requested.

Samples will be packaged and shipped in a manner that maintains sample preservation requirements during transport (i.e., ice to keep samples cool until receipt at the laboratory), ensures that sample holding times can be achieved by the laboratory, and prevents samples from being tampered with.

If a commercial carrier ships samples, a bill of lading (waybill) will be used as documentation of sample custody. Receipts for bills of lading and other documentation of shipment shall be maintained as part of the permanent custody documentation. Commercial carriers are not required to sign the COC as long as it is enclosed in the shipping container and evidence tape (custody seal) remains in place on the shipping container.

6.7 Data Usability and Validation

The main purpose of the data is for use in defining the extent of contamination at the site, to aid in evaluation of potential human health and ecological exposure assessments, and to support remedial action decisions. Based upon this, data usability and validation will be performed as described below. Complete data packages will be archived in the project files, and if deemed necessary additional validation can be performed using procedures in the following sections.

6.7.1 *Data Usability and Validation Requirements*

Data usability and validation are performed on analytical data sets, primarily to confirm that sampling and COC documentation are complete, sample IDs can be tied to specific sampling locations, samples were analyzed within the required holding times, and analyses are reported in conformance with NYSDEC ASP, Category B data deliverable requirements as applicable to the method utilized.

6.7.2 *Data Usability and Validation Methods*

A qualified LaBella staff member, Tracy Evans, will conduct an evaluation of the Category B data deliverables and reporting by the analytical laboratory **(Appendix D).** The data validation will be performed in accordance with the following documents: "NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation, May 2010," "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review EPA 540/R-99-008, October 1999" and "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review EPA 540/R-04-004, October 2004". Data analyzed using methods not covered in these documents will be validated using the general principles used in these documents, and the analytical requirements specified in the methods pertaining to USEPA Data Validation.

6.8 Field Equipment Calibration

Equipment will be inspected and approved by the Field Team Leader before being used. Equipment will be calibrated to factory specifications, if required. Monitoring equipment will be calibrated following manufacturers recommended schedules. Daily field response checks and calibrations will be performed as necessary (i.e., PID calibrations) following manufacturers standard operating procedures. Equipment calibrations will be documented in a designated field logbook.

6.9 Equipment Decontamination

In order to minimize the potential for cross-contamination, non-dedicated drilling and sampling equipment shall be properly decontaminated prior to and between sampling/drilling locations.

6.9.1 *General Procedures*

Drilling equipment will be decontaminated in a designated area. Sampling equipment and probes will be decontaminated in an area covered with plastic sheeting near the sampling location. Waste material generated during decontamination activities will be containerized, stored and disposed of in accordance with the procedures detailed in Section 6.10. Decontamination of sampling equipment shall be kept to a minimum, and wherever possible, dedicated sampling equipment shall be used. Personnel directly involved in equipment decontamination shall wear appropriate personal protective equipment (PPE).

6.9.2 *Drilling Equipment*

Drilling equipment shall be decontaminated prior to performance of the first boring/excavation and between all subsequent borings/excavations. This shall include hand tools, casing, augers, drill rods, temporary well material and other related tools and equipment. Water used during drilling and/or steam cleaning operations shall be from a potable source.

6.9.3 *Sampling Equipment*

Sampling equipment (i.e., trowels, knives, split-spoons, bowls, hand augers, etc…) will be decontaminated prior to each use as follows:

- Laboratory-grade glassware detergent and tap water scrub to remove visual contamination
- Generous tap water rinse
- Distilled water rinse

6.9.4 *Meters and Probes*

All meters and probes that are used in the field (other than those used solely for air monitoring purposes, e.g., PID meters) will be decontaminated between uses as follows:

- Laboratory-grade detergent and tap water solution wash
- Tap water rinse
- Distilled water rinse (triple rinse)

6.10 Management of Investigation Derived Waste

Waste materials generated from the field operations may consist of soil cuttings, purge water, and miscellaneous solid materials such as (PPE) and supplies. Investigative derived waste (IDW) generated during field operations will be disposed of in accordance with applicable regulations.

Soil cuttings generated from soil boring activities that are not grossly contaminated will placed back into the borehole. If soil cuttings are observed to be grossly contaminated, cuttings will be stored in 55-gallon drums. Drums will be labeled to indicate the source of the soil and will be stored in a designated area onsite. Soil cores and soil cuttings will be field screened using a PID, while performing drilling operations. If any soil cuttings are drummed, they will be sampled to determine if spreading on-site is appropriate or off-site disposal is required. Following receipt of the analytical results, recommendations for disposition of the drummed soil will be provided to the NYSDEC.

Investigation and remedial derived wastes will be disposed of as hazardous or non-hazardous waste based upon their characteristic qualities.

6.11 Field Documentation

Documentation will take place on either appropriate forms or in a dedicated site logbook. Permanent black or blue ink will be used to record information in the logbook. Errors in field documentation will be lined through, initialed, dated, and corrected. Forms will be kept by the LaBella Field Team Leader during the field activities. Field activities will be documented in the field logbook. The logbook will contain waterproof pages that are consecutively numbered and be permanently bound with a hard cover. Upon completion of daily activities, unused portions of pages will be lined-through and initialed.

The primary purpose of the field logbook is to document the daily field activities and to provide descriptions of each activity. All entries in the field logbook will be recorded and dated by person making the entry.

7.0 REMEDIAL INVESTIGATION REPORT PREPARATION

The Remedial Investigation Report (RIR) will incorporate the methods and findings of the investigation activities performed as outlined in this work plan. The report will identify specific contamination concentrations throughout each media (e.g., soil, groundwater, etc.), delineate the nature and extent of the contamination in soil, groundwater, and soil vapor, evaluate potential exposure pathways, and provide conclusions and recommendations for additional investigation and/or remedial action. Electronic copies of the Investigation Report will be submitted to the NYSDEC and the NYSDOH. Analytical results of the investigation will be submitted in the electronic data delivery (EDD) format through the Department's environmental information management system (EIMS).

8.0 HEALTH AND SAFETY

Field operations will be performed in accordance with the health and safety requirements to be provided in the site-specific Health and Safety Plan (HASP). The HASP is included as **Appendix B.** The HASP outlines the requirements for training, medical surveillance, daily tailgate meetings, emergency response, and accident and injury reporting.

Activity hazard analyses (AHAs) have been completed for identified work activities planned for the investigation.

The LaBella Field Team Leader will be responsible for implementing the HASP, completing the daily tailgate safety meetings and performing necessary Industrial Hygiene (IH) monitoring as specified in the HASP.

9.0 COMMUNITY AIR MONITORING PLAN

A site-specific Community Air Monitoring Plan (CAMP) has been prepared to provide measures for protection for on-site workers and the downwind community from potential airborne contaminants as a direct result of the RI. The CAMP is included as **Appendix C.**

Upwind and downwind camp air monitoring will be conducted during all ground intrusive activities. The CAMP will be implemented and executed in accordance with 29 code of federal regulations (CFR) 1910.120(h), the NYSDOH Generic CAMP, and the NYSDEC Technical and Administrative Guidance Memorandum (TAGM) #4031.

10.0 PROJECT SCHEDULE

The field work is anticipated to be performed in the second quarter (Q2) of 2026, following approval of this RIWP by NYSDEC. We anticipate submittal of a draft RIR to the NYSDEC during the fourth quarter (Q4) of 2026.

11.0 REFERENCES

NYSDEC, DER, December 2006, 6 NYCRR Part 375 Subpart 6, Remedial Program Soil Cleanup Objectives.

NYSDEC, DER, May 2010, DER-10, Technical Guidance for Site Investigation and Remediation.

NYSDOH, October 2006 Soil Vapor Guidance Document

USEPA, June 2015 Soil Vapor Guidance Document

Draft Remedial Investigation Report, completed by HRP dated November 2023

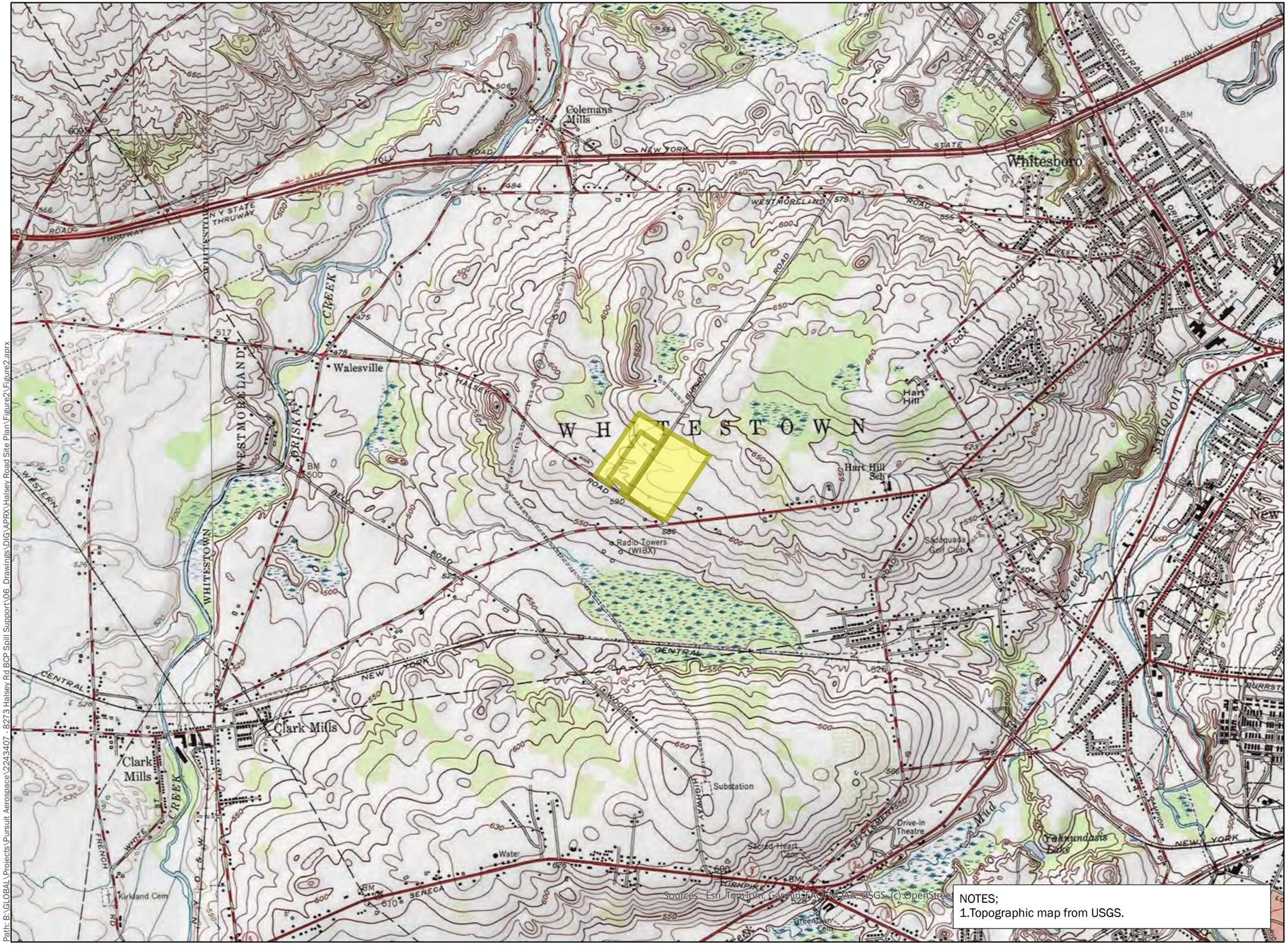
National Science Foundation (NSF). Lead in the environment. NSF Report No.770214. 1977.

Reddy KJ, Wang L, Gloss SP. Solubility and mobility of copper, zinc and lead in acidic environments. Plant Soil. 1995

U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control, Agency for Toxic Substances and Disease Registry, Charles Xintaras, Sc.D., May 1992 Impact of Lead-Contaminated Soil on Public Health

GeoEngineers, Carlisle, Woodward, February 2016, Final Remedial Investigation/Feasibility Study Volume I: Remedial Investigation Report, R.G. Haley Site.

FIGURES



NOTES;
1.Topographic map from USGS.

LaBella
Powered by partnership.

Turbine Engine
Control Technologies

Utica Corporation Site

Remedial Investigation
Work Plan

8273 Halsey Road
Whitestown, NY

N

0 2,000 Feet

1:24,000

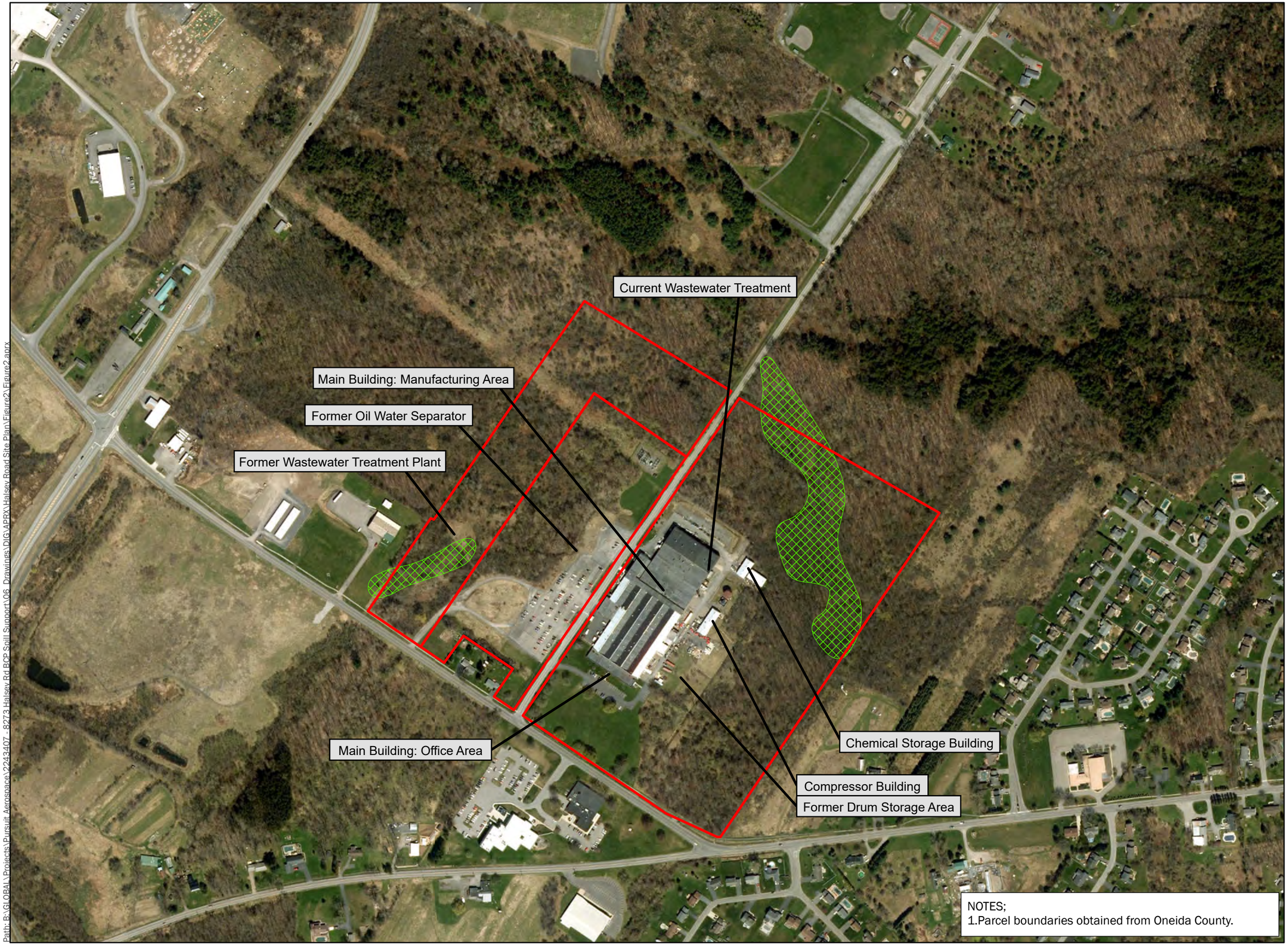
Site Location

Site Location
Map

FIGURE 1

LaBella Project No: 2243407
Date: 12/2/2025

Path: B:\GLOBAL\Projects\Pursuit Aerospace\2243407 - 8273 Halsey Rd BCP Spill Support\06 Drawings\DIG\APRX\Halsey Road Site Plan\Figure2\Figure2.aprx



Path: R:\GLOBAL\Projects\Pursuit Aerospace\2243407 - 8273 Halsey Rd BCP Spill Support\06_Drawings\DIG\APRX\Halsey Road Site Plan\Figure2\Figure2.aprx

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Turbine Engine
Control Technologies

Utica Corporation Site

Remedial Investigation
Work Plan

8273 Halsey Road
Whitestown, NY

N

0 450 Feet

Scale: 1:4,800

Federal Wetlands On-Site

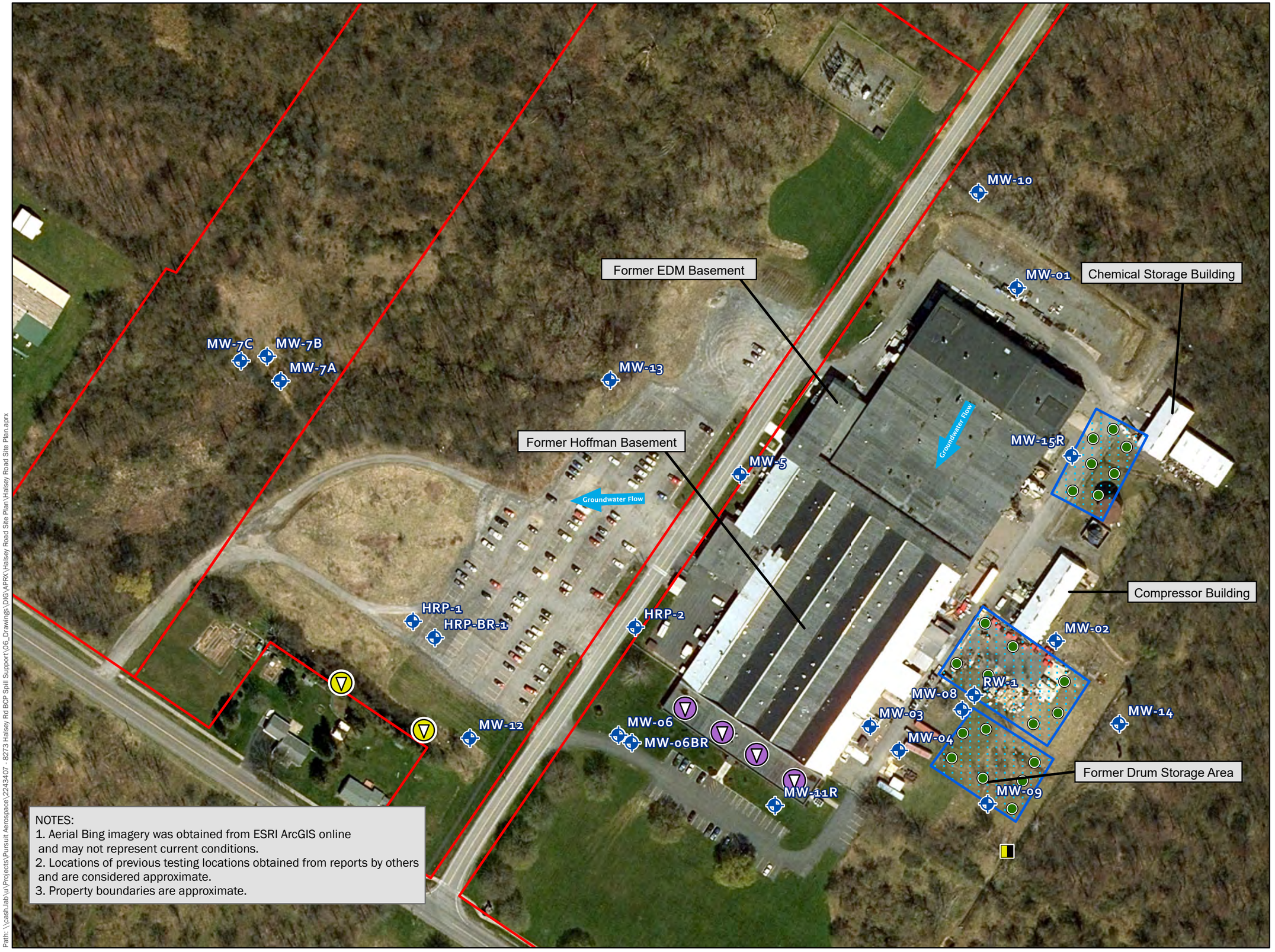
Site Boundary

Site Boundary Map

FIGURE 2

LaBella Project No: 2243407

Date: 12/2/2025



NOTES:
1. Aerial Bing imagery was obtained from ESRI ArcGIS online and may not represent current conditions.
2. Locations of previous testing locations obtained from reports by others and are considered approximate.
3. Property boundaries are approximate.

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Control Technologies

Utica Corporation Site

Remedial Investigation
Work Plan

8273 Halsey Road
Whitestown, NY

N

0 125 Feet

1:1,500

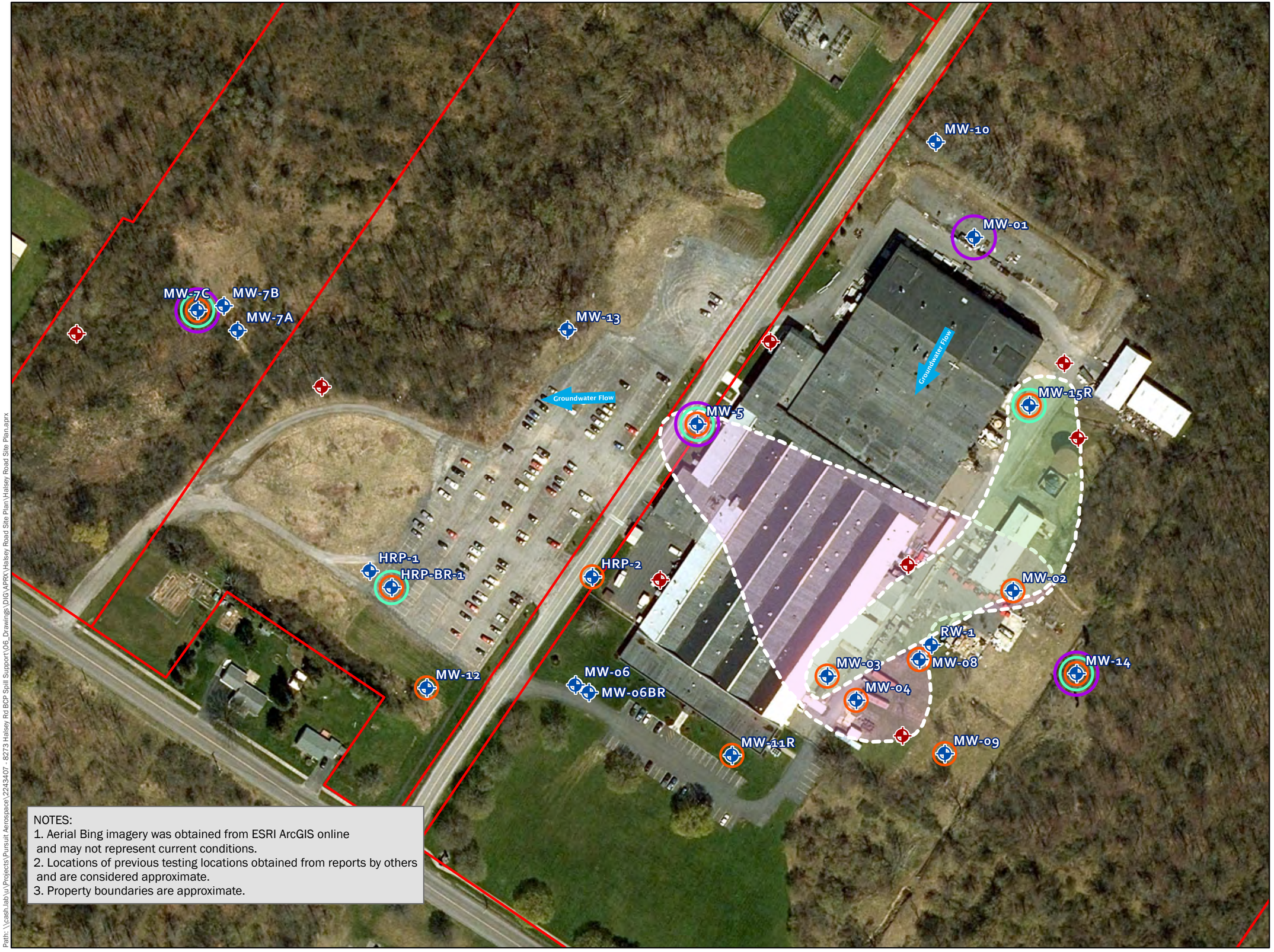
- Proposes Soil Boring Location
- Proposed Co-Located Sub-slab/IAQ Samples
- Proposed Soil Vapor Sample
- Existing Monitoring Well
- Proposed Surface water / Sediment sample
- Soil Boring Delineation Area
- Site Boundary

Proposed Sampling Locations: Soil, Soil Vapor Sub-Slab Vapor/Indoor Air, Sediment/Surface Water

FIGURE 3

LaBella Project No: 2243407
Date: 12/3/2025

Path: \\cash.lab\u\Projects\Pursuit Aerospace\2243407 - 8273 Halsey Rd BCP Spill Support\06_Drawings\DIG\APRX\Halsey Road Site Plan\Halsey Road Site Plan.aprx



NOTES:
1. Aerial Bing imagery was obtained from ESRI ArcGIS online and may not represent current conditions.
2. Locations of previous testing locations obtained from reports by others and are considered approximate.
3. Property boundaries are approximate.

Path: \\cash.lab\u\Projects\Pursuit Aerospace\2243407 - 8273 Halsey Rd BCP Spill Support\06_Drawings\DIG\APRX\Halsey Road Site Plan\Halsey Road Site Plan.aprx

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Turbine Engine
Control Technologies

Utica Corporation Site

Remedial Investigation
Work Plan

8273 Halsey Road
Whitestown, NY

N

0 125 Feet

1:1,500

- Existing Monitoring Well
- Proposed Monitoring Well (Sample for VOCs)
- Resample for VOCs
- Full suite + 1,4-dioxane Not PFAS
- Groundwater sample for PFAS
- TCE Groundwater Plume (>5ug/L)
- Vynil Chloride Groundwater Plume (>2 ug/L)
- Site Boundary

Proposed Sampling Locations: New and Existing Groundwater Monitoring Wells

FIGURE 4

LaBella Project No: 2243407
Date: 12/5/2025

APPENDIX A

HRP Select Figures from DRAFT Remedial Investigation Report



Path: V:\Data\WWHICR - WHITCRAFT LLC\8273 HALSEY ROAD, WHITESBORO, NY\WHI6527RA\GIS\Whitcraft.aprx

HRP
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(518) 877-7101
HRPASSOCIATES.COM

North

0 750 1,500
Feet

Revisions					
No.					
Date					

Designed By: CMS
Drawn By: CMS
Reviewed By: MEW

Issue Date: 02/04/2022
Project No: WHI6527.RA
Sheet Size: 11x17

Topographic Map for Fish and Wildlife Resources Impact Analysis

8273 Halsey Road
Whitesboro, New York

FIGURE NO.
4



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North

0 50 100 Feet

Revisions						
No.						
Date						

Designed By:	Drawn By:	Reviewed By:
CMS	CMS	MEW

Issue Date:	Project No:	Sheet Size:
2/4/2022	WHI6527.RA	11x17

Cross Section Transect Map

8273 Halsey Road
Whitesboro, New York

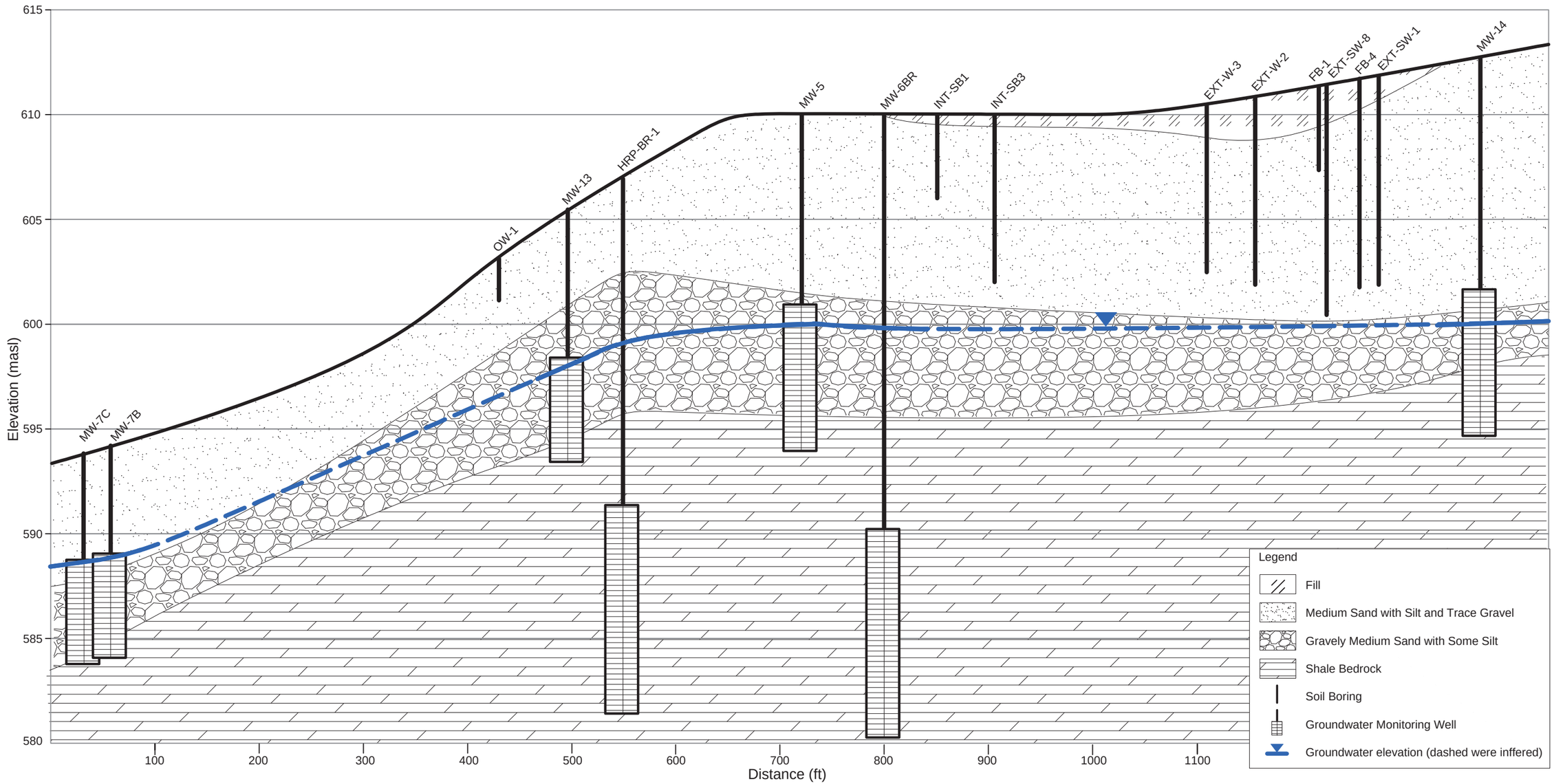
FIGURE NO.

5A

DRAWING NAME: V:\Data\W\WHICR - WHITCRAFT LLC\8273 HALSEY ROAD, WHITESBORO, NY\WHI6527RA\CAD\cross sections-A-Aprime.dwg LAYOUT: 11 x 17 - b-b' PLOT DATE: Feb 07, 2022 - 11:36am OPERATOR: $(GETVAR,2)

A

A'



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NORTH

HEIGHT 0 2.5' 5'

DISTANCE 0 50' 100'

REVISIONS	
NO.	DATE

DESIGNED BY: CMS	REVIEWED BY: MEW	ISSUE DATE: 02/4/2022
DRAWN BY: CMS	PROJECT NUMBER: DEC1021.P2	SHEET SIZE: 11"x17"

Cross Section
A-A' (west-east)

8273 Halsey Road
Whitesboro, New York

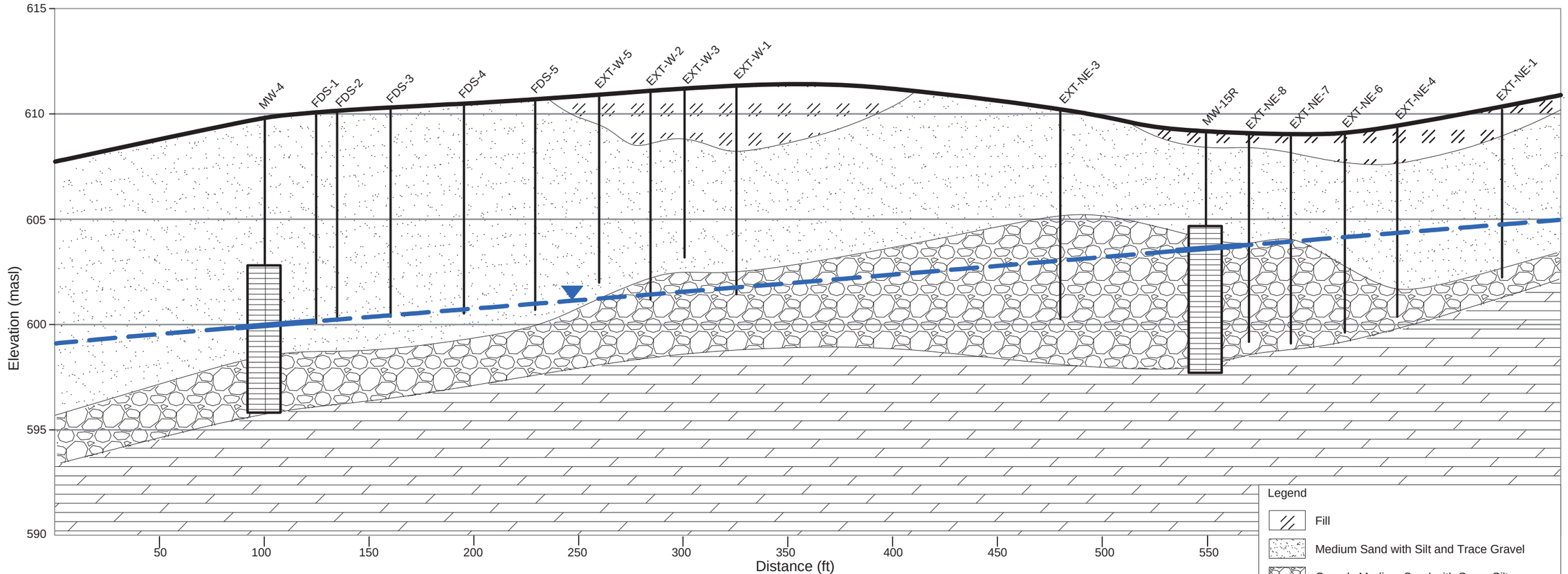
FIGURE NO.

5 B

DRAWING NAME: V:\Data\W\WHICR - WHITCRAFT LLC\8273 HALSEY ROAD, WHITESBORO, NY\WH16527RA\CAD\cross sections-B-Bprime.dwg LAYOUT: 11 x 17 - b-b' PLOT DATE: Feb 07, 2022 - 11:38am OPERATOR: $(GETVAR:?)

B

B'



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CLIFTON PARK, NY 12065
(518) 877-7101
HRPASSOCIATES.COM

NORTH

HEIGHT 0 2.5' 5'

DISTANCE 0 25' 50'

REVISIONS	
NO.	DATE

DESIGNED BY:	REVIEWED BY:	ISSUE DATE:
CMS	MEW	02/1/2022
DRAWN BY:	**PROJECT NUMBER:**	**SHEET SIZE:**
CMS	DEC1021.P2	11"x17"

Cross Section B-B' (south-north)

8273 Halsey Road
Whitesboro, New York

FIGURE NO.

5 C

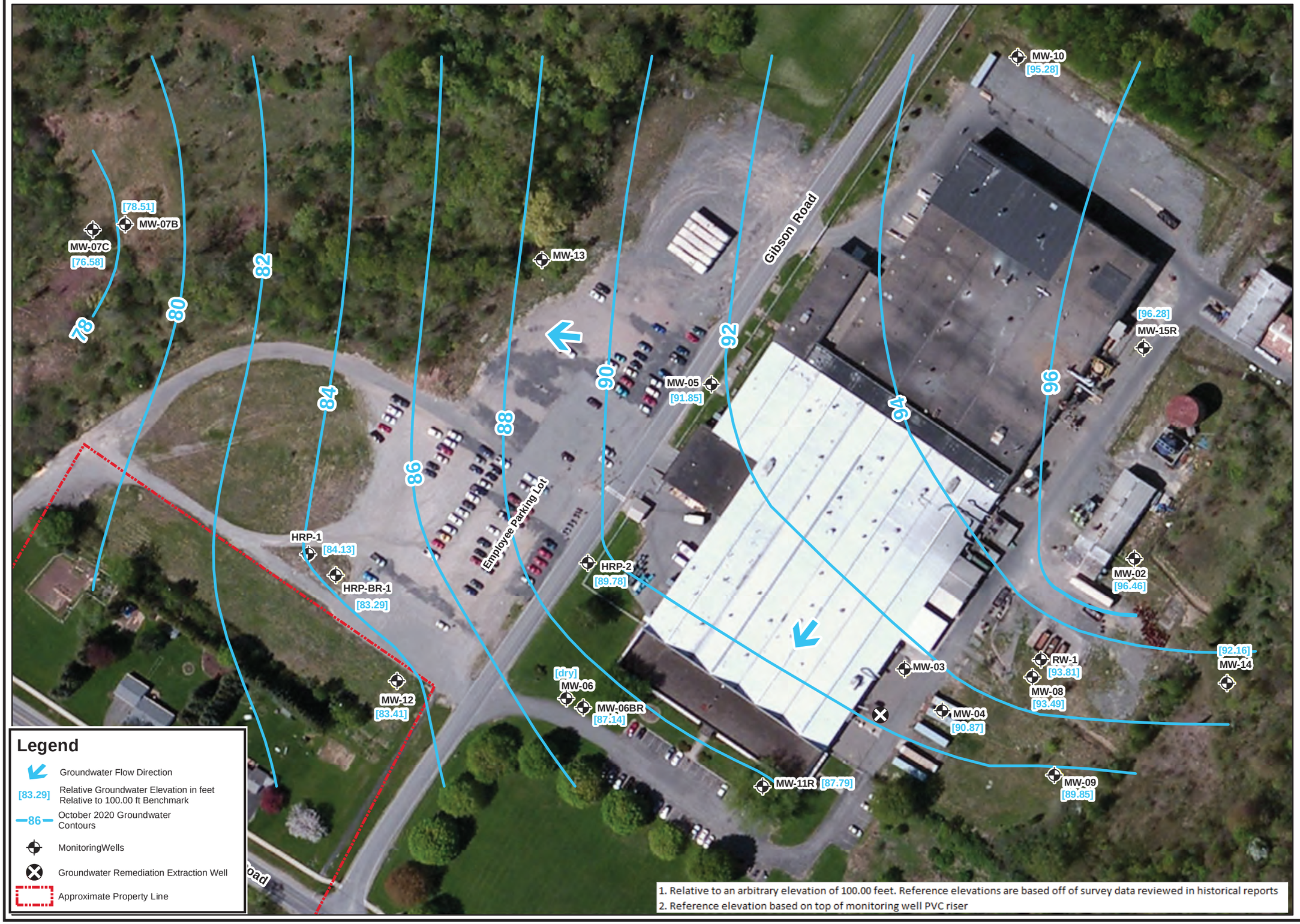
Table 1
Groundwater Elevation Data
October 1, 2020

8273 Halsey Road, Whitesboro, NY
HRP#WHI6527.RA

Well ID	Ground Surface Elevation (ft.)[1]	Reference Elevation (ft.)[1,2]	Depth to Water (ft.)[3]	Depth to Well Bottom (ft.)[4]	Groundwater Elevation
HRP-1	91.56	91.48	7.35	8.02	84.13
HRP-BR-1	91.88	91.54	8.25	24.86	83.29
HRP-2	NA	99.29	9.51	12.12	89.78
MW-2	101.31	102.92	6.46	15.87	96.46
MW-3	99.71	101.59	11.79	15.86	89.8
MW-4	100.01	101.83	10.96	15.47	90.87
MW-5	99.51	101.72	9.87	15.96	91.85
MW-6	94.61	99.34	DRY	11.88	NA
MW-6BR	NA	99.26	12.12	28.31	87.14
MW-7B	83.35	84.62	6.11	9.52	78.51
MW-7C	82.91	83.67	7.09	10	76.58
MW-8	100.71	102.56	9.07	15.77	93.49
MW-9	100.41	102.24	12.39	20.25	89.85
MW-10	98.31	100.33	5.05	7.95	95.28
MW-11[5]	97.5	96.98	NA	NA	NA
MW-11R	NA	102.85	15.06	17.64	87.79
MW-12	86.51	94.26	10.85	12.09	83.41
MW-13	94.96	102.1	7.05	11.99	95.05
MW-14	103.1	105.68	13.52	17.12	92.16
MW-15[5]	100	99.87	NA	NA	NA
MW-15R	100.1	99.53	3.25	10.39	96.28
RW-1	100.8	103.28	9.47	16.27	93.81

Notes:
1. Relative to an arbitrary elevation of 100.00 feet. Reference elevations are based off of survey data reviewed in historical reports
2. Reference elevation based on top of monitoring well PVC riser
3. Depth to water measured from the top of monitoring well PVC riser (reference elevation) on October 1, 2020
4. Measured from top of PVC riser (reference elevation) after sampling wells on October 1, 2020
5. Monitoring wells MW-11 and MW-15 could not be found in field
6. Ground elevations were not surveyed for monitoirng wells installed by HRP

NA - Not applicable/No data available
ft- feet



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North

0 50 100 Feet

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No.						
Date						

Designed By:	Drawn By:	Reviewed By:
CMS	CMS	MEW

Issue Date:	Project No:	Sheet Size:
2/04/2022	WHI6527.RA	11x17

Groundwater Contour Map October 1, 2020

8273 Halsey Road
Whitesboro, New York

FIGURE NO.

6

Path: V:\Data\WWHICR - WHITCRAFT LLC\8273 HALSEY ROAD, WHITESBORO, NY\WHI6527RA\GIS\Figure 5 - October 2020 Groundwater.mxd

APPENDIX B

Health and Safety Plan

Site-Specific Health and Safety Plan (HASP)

Project Title:

Remedial Investigation - BCP Site

Location:

8273 Halsey Road, Whitestown, NY

Prepared For:

Turbine Engine Components Technologies - Utica Corporation

LaBella Project No. 2243407

Contact List		
Contact	**Name**	**Phone**
LaBella Project Manager	William Sisco	315-243-8441
LaBella Site Supervisor	William Sisco	315-243-8441
Corporate Safety Manager	Catherine Monian	845-486-1557
Environmental Division Safety Program Manager	Tim Ruddy	315.440.5125
Site Safety Officer	William Sisco	315-243-8441
Site Contact	Chris Putzer	315-317-6390
Human Resources		
Emergency Personnel including Police and Fire Dept and Ambulance – Dial 911		
Hospital- *see Hospital Route Section below for directions*	Wynn Hospital 111 Hospital Drive, Utica, NY	315-917-9966
Poison Control		800-336-6997
NYSDEC Spill Response Hotline		800-457-7362

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3.0 Daily Pre-Job Safety Meetings 6

4.0 Site Information 6

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6.0 Emergency Information 7

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12.0 Recordkeeping 19

ATTACHMENTS

APPENDICES

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APPENDIX B - Task Hazard Analysis Forms

APPENDIX C - Safety Data Sheets

APPENDIX D - Daily Tailgate Safety Meeting Form

APPENDIX E - Silica Exposure Plan

0.0 HASP Acknowledgment

All LaBella project personnel are required to sign the following agreement prior to conducting work:

1. I have read and fully understand the requirements of this site-specific HASP including my individual responsibilities listed above.

2. I agree to abide by the provisions of the HASP and participate in any health and safety meetings or modifications to the HASP criteria during the implementation of work.

Name	Company	Date

1.0 Introduction

The purpose of this Health and Safety Plan (HASP) is to provide guidelines for responding to potential health and safety issues that may be encountered at the project site, located at 8273 Halsey Road, Whitestown, NY. This HASP only reflects the policies of LaBella Associates D.P.C. and its affiliated company, LaBella Environmental, LLC, collectively referred to as "LaBella". The requirements of this HASP are applicable to all approved LaBella personnel at the work site. This document's project specifications are to be consulted for guidance in preventing and quickly abating any threat to human safety or the environment. The provisions of the HASP do not replace or supersede any federal, state or local regulatory requirements.

2.0 Responsibilities

This HASP presents guidelines to minimize the risk of injury to project personnel, and to provide rapid response in the event of injury. The HASP is applicable only to activities of approved LaBella personnel and their authorized visitors specific to this project. The Project Manager shall implement the provisions of this HASP for the duration of the project. It is the responsibility of LaBella employees to follow the requirements of this HASP, and all applicable company safety procedures.

3.0 Daily Pre-Job Safety Meetings

Prior to the beginning of work each day the Field Supervisor/Foreman or on-site Project Manager will review upcoming daily job requirements, anticipated hazards and hazard control measures with the project team members. At this meeting information such as personal protective equipment, site conditions, emergency procedures, and other applicable topics may be addressed. A copy of the **Daily Pre-Job Safety Tailgate/Toolbox Meeting Form** is attached to this HASP.

4.0 Site Information

Project Name:	Remedial Investigation - BCP Site
LaBella Project No.:	2243407
Project Location:	8273 Halsey Road, Whitestown, NY
Current Use of Project Location:	Manufacturing of aerospace parts
Uses of Surrounding Areas (Res Vacant Land, Commercial, etc.):	Residential, commercial and industrial
Proposed Date(s) of Field Activity - Start:	2026-03-23

Proposed Date(s) of Field Activity - End:	2026-05-29

5.0 Scope of Work

The proposed field work covered under this HASP includes the following:

- Installation of soil borings, groundwater monitoring wells, soil and groundwater sampling, soil vapor and indoor air sampling. Equipment to be utilized includes hand tools, drilling equipment and monitoring equipment.

6.0 Emergency Information

The personnel and emergency response contacts associated with the proposed scope of work are presented below and are to be posted onsite during all field activities. The Site Safety Officer (SSO) is the primary authority for directing site operations and relaying communications under emergency conditions. During the SSO's absence, the Project Manager or Site Supervisor will lead emergency operations.

Project Personnel		
Contact	**Name**	**Phone**
LaBella Project Manager	William Sisco	315-243-8441
LaBella Site Supervisor	William Sisco	315-243-8441
Corporate Safety Manager	Catherine Monian	845-486-1557
Environmental Division Safety Program Manager	Tim Ruddy	315.440.5125
Site Safety Officer	William Sisco	315-243-8441
Site Contact	Chris Putzer	315-317-6390
Human Resources	LaBella HR	
Emergency Personnel including Police and Fire Dept and Ambulance – Dial 911		
Hospital- *see Hospital Route Section below for directions*	Wynn Hospital 111 Hospital Drive, Utica, NY	315-917-9966
Poison Control		800-336-6997
NYSDEC Spill Response Hotline		800-457-7362

First Aid

A First Aid Kit will be located as follows: LaBella staff vehicle and withing the facility. The injured person may be transported to a trained medical center for further examination and treatment. The preferred transport method is a professional emergency transportation service; however, if this option is not readily available or would result in excessive delay, other transport is authorized.

Under no circumstances should an injured person transport themselves to a medical facility for treatment, no matter how minor the injury may appear.

Incident Reporting

Employees shall report all incidents and injuries to their supervisor as soon as possible, including those involving employees operating vehicles and other equipment. All reporting procedures contained in LaBella Safety Policy 1.22 must be followed.

During emergencies employees should seek medical care immediately. When contacting their Supervisor/Safety Manager/HR, employees should discuss medical care options. If an employee is asked by medical personnel for a worker's compensation number they should tell them that LaBella should be billed directly.

When emergency medical care is not imminent, employees shall immediately report events to their immediate Supervisor, the Safety Manager and Human Resources, and participate in the investigation process as well as the corrective action process, as needed. An Accident-Incident-Near Miss-Hazard Form must be submitted online or by e-mail to the Supervisor, Safety Manager and HR as soon as possible but no later than 24 hours after the event. The Form can be found on LaBella's intranet under "Operations".

7.0 Potential Health and Safety Hazards and Controls

This section lists potential health and safety hazards that project personnel may encounter at the project site and actions to be implemented by approved personnel to control and reduce the associated risk to health and safety. This is not intended to be a complete listing of any and all potential health and safety hazards. New or different hazards may be encountered as site environmental and site work conditions change. The suggested actions to be taken under this plan are not to be substituted for good judgment on the part of project personnel. At all times, the Site Safety Officer has responsibility for site safety and their instructions must be followed.

Physical Hazards		
Work Action or Condition	**Potential Safety Hazard**	**Controls (including PPE)**
Blades and Sharp Objects	Injury	Blades and Sharp objects are likely to be present on site, presenting risk of physical injury. The following hazard control measures will be applied: • Only use tools designed for the task. Do not improvise. • Inspect the tool before sure; do not use dull or damaged blades. • Carry blades with tip sheathed or pointed down and away from the body. • Cut on a stable surface with sufficient lighting. • Wear appropriate PPE (gloves, safety glasses, etc.).
Cold Weather	Frost nip, Frost bite, Hypothermia	Engineering: • Basic wind block • Heated shelter • Barriers or insulation placed on metal surfaces to reduce heat loss from extremities Administrative: It is recommended that multiple vehicles be utilized during periods of extreme cold unless a warm shelter is within reasonable proximity to the work site. Number of vehicles depends on number of employees. Warm liquids should be considered to combat dehydration and to manage core temperatures. Note that caffeinated beverages will lessen circulation and are discouraged. Adequate Breaks - Break periods will be at least ten (10) minutes long. While on break personnel should remove outer layers of clothing to ensure adequate warming of the core and extremities. Individuals should assess their physical condition during breaks. Do not return to work in the cold until adequately warmed. If engineering controls, such as shelters are used, the ambient temperature/wind chill where the work is taking place will be used to determine the work / warm–up schedule. Personal Protective Equipment: The outer layer of clothing must be fire retardant. • The outer most layers should consist of winter clothing (i.e. bibs, bomber or parka,

		head sock, winter /arctic boots). • Under layers (insulation) should consist of one or more thin garments. Outer winter layers should be removed prior to insulation layers becoming wet with perspiration. • Wet clothing should not be worn. A best practice is to bring extra insulating clothing and change clothes if they become wet. • PPE that is in direct contact with the skin should be changed if it becomes wet. • Exposed skin shall be avoided in extreme cold temperatures to minimize the risk of frostbite. • Hand / foot warmers are available on all sites.
Drilling Activities	Potential presence of underground or overhead utilities, rotating and moving parts, pinch point hazards, falling objects/debris, high noise levels, ergonomic issues related to lifting heavy drill tooling and supplies (e.g., augers, bags of sand or grout).	• Prior to initiating drilling activities conduct a utility stakeout via the state one call system (e.g., UDig NY). A private utility location service may be required if private utilities may be present. • Ensure safe distance from overhead utilities such as electric, telephone and fiber optic/cable lines. • Wear appropriate PPE and avoid loose clothing or jewelry. • Stay clear of moving parts and know the location of emergency shut-off switches. • Take particular caution when raising/lowering the mast and near rotating augers/drill rods. • Practice safe lifting techniques. • Where possible use winches/cables to lift heavy tooling. • Use team lifting where mechanical lifting is not practical.
Electrical - Overhead Power Lines	Struck by injury, Electric shock and electrocution	Overhead power lines pose a danger of shock or electrocution if the power line is contacted during site operations. The following hazard control measures will be applied: • Equipment should not come within at least 10-feet of power lines to avoid arcing. • Prior to conducting work in areas where overhead lines could be impacted, the appropriate utility company will be notified and information will be obtained regarding the line voltage(s) and the minimum separation distance necessary to create a safe-work environment. • If work may come close to the minimum separation distance ask the utility company if the lines can be shut down for the duration of

		the work period. If this cannot be done, ask them if they can put a rubber cover over the line or if the minimum clearance distance can be reduced. • Use paint to mark a line on the ground underneath the overhead lines to help project staff stay aware of the hazard. • Use smaller equipment. • Use grounding cables. • Ensure equipment operators are properly trained on the equipment and know exactly where the overhead lines are. • Ensure all site staff are aware of the hazard and stay clear of the work zone (which should be demarcated as best as possible). Employees who are too close to equipment which becomes electrified can ALSO be electrocuted.
Excavations and Trenches	Injury from fall into or cave-in of trench/excavation. Asphyxiation, engulfment, or explosion (if pipe bursts)	An open excavation or trench may be present during site activity, or could be present during demolition or remediation activities. No Labella employees should enter a trench or excavation unless authorized to by the designated Competent Person. During heavy precipitation, excessive runoff may create slippery surfaces and also weaken the excavation sidewalls making the excavation more susceptible to collapse. The following hazard control measures will be applied: • All materials must be placed greater than 2 feet from the edge of the trench and LaBella employees should remain at least 2-feet from the edge of any excavation or trench. • LaBella employees are not to enter excavations greater than 4-feet in depth unless they have received appropriate training, stabilization measures are in place and a competent person has determined that the conditions are safe. • Any samples must be collected from the equipment bucket or from the spoils pile.
Flammable Liquids	Burns from ignited flammable liquids	• Do not keep flammable liquids in anything other than an approved safety can and properly bond or ground container during transfers. • Consult safety data sheet before use to understand hazards. • Wear appropriate PPE. • Maintain adequate ventilation while using and

		elminate all potential ignition sources, including static electricity.
Hand Tools	Physical injury	• Do not use a tool if you have not been trained. Inspect tool before use and do not use damaged tools. • Maintain tools in good condition and follow manufacturers' instructions. • Wear gloves, safety glasses and and appropriate PPE /apparel, avoiding loose clothing; secure long hair. • When using a cutting tool hold its handly firmly and cut away from your body, never towards it. • If working on a ladder or scaffold raise and lower tools using a bucket and hand line; never carry tools in a way that prevents using both hands on a ladder (maintain three poits of contact)
Heavy Equipment - Working Near	Struck by, Caught in between, Causing an obstruction on existing roadway, Rollaway, and hearing damage.	Working near heavy equipment presents struck-by and caught-in or in-between risks. Heavy equipment can also rollaway or obstruct roadways, limiting visibility. The following hazard control measures will be applied: • Maintain 360 degrees of awareness of your surroundings. • Meet the Operator, discuss work operations, and stay in line of sight. • Wear high visibility clothing (outer layer), hard hat, safety glasses, work boots. • Stand in safe zone away from blind areas. Never walk behind or to the side of heavy equipment without the operator's knowledge. Have an escape plan. • Stay out of the swing zone of heavy equipment such as excavators or traditional auger rigs. The swing zone is defined as an entire 360 degree circle equipment may move within as measured from a central location point. • Only approach drill rig after auger has stopped rotating and the operator has given the OK for you to approach to collect a sample. • Wear hearing protection when working near heavy or moving equipment.
Hot Weather & Sun, Other Heat Hazards	Prickly Heat (Heat rash), Heat Cramps, Heat Exhaustion Heat Fatigue, Heat	Environmental heat hazards, whether indoors or outdoors, present physical injury risks. Exercise caution when working in hot temperatures or around hot tar or other materials, hot ovens or other equipment, heat absorbing surfaces such as roofs and roads, and reflective surfaces such

	Collapse, Heat Stroke, Sunburn	as water or metal. The following hazard control measures will be applied: • Have sunscreen available for ultraviolet protection on sunny days. • Have water or electrolyte drinks for dehydration. • Check the weather and adjust work schedules if heat is excessive. Work early or later in day. • Perform work during cooler hours of the day or at night if adequate lighting can be provided. • Utilize shelter (air-conditioned, if possible) or shaded areas to protect personnel during rest periods. • Use cooling devices such as fans and water misters. • Allow workers to take breaks in air-conditioned vehicles.
Parking Vehicle	Struck by, caught in between, casing an obstruction on existing roadway. Fire from plants under hot exhaust	• Workers will park far enough off the edge of the road to stay well clear of traffic. • Put on hi-visibility vest before exiting parked car. • Leave Field Card on dashboard. • Use appropriate number of cones to mark for oncoming traffic as needed. • Do not park on/in flammable vegetation. • Keys stay on field person.
Power Tools	Injury from improper use Electrical shock and electrocution	• Unplug power tools when not in use. • Do not use a tool if you have not been trained. Inspect tool and cord before use and do not use damaged tools. • Maintain tools in good condition and follow manufacturers' instructions. • Wear gloves, safety glasses and and appropriate PPE /apparel, avoiding loose clothing; secure long hair. • Never remove a safety guard when a tool is being used. • Only plug electric tools into a grounded receptacle with a GFCI. Stop using tool if slight shock or tingling is felt. • Secure work with clamps to have both hands free to use the tool. • Keep power tool cords away from heat, oil and sharp edges. • Tag all damaged tools with "Do Not Use".
Roads/Traffic - Near/On	Getting struck by vehicle	• If working in or around traffic (including in parking lots), workers will wear an ANSI Level 2 high visibility clothing (vest). An ANSI Level 3

		vest (with sleeves) is required when working near traffic exceeding 50 mph. Additional reflective gear is also required for night work. • Maintain 360 degrees of awareness of your surroundings. • Face traffic, stay in a safe zone, and have an escape route. • Do not wear a headset or talk on your cell phone. • DOT aproved Traffic Cones and all Traffic Cobtral Devices must be designed and placed according to Uniform Traffic Contral Devices (MUTCD) standards (See 3.13 WORK ZONE SAFETY in Labella's Safety Manual for more information) • If possible, close the entrance/exit to ensure the worker's safety, and use a spotter if the worker will not have the ability to keep their attention on vehicles maneuvering in the area. • Workers should NOT sit down or turn their back to traffic when working. If they must do either of these things to complete the work scope, use a spotter or consider alternate ways or tools to do the work.
Slip-Trip-Fall	Injury	• Reduce and avoid slippery (wet, icy, oily, muddy, etc.) surfaces. • Workers will watch where they step and wear proper footwear. • Keep work areas free of obstructions and debris.
Underground Utilities	Damage to utility infrastructure, Electrocution, Explosion	• Utility marking is needed for this project. • Prior to the commencement of ground intrusive activities, underground utilities will be located by a third-party locator. • Workers will not stand within 20-feet of any active excavations or boreholes if not actively working in those areas.
Uneven or Wet Terrain (Slopes, Leaves, Holes, etc.)	Slip, Trip, Fall	• Wear appropriate footwear for the site and conditions: steel toe or composite boots for construction sites, skid-resistant, hiking boots for other field work if indicated. • Use walking stick or other object for additional support/balance and to check for animal burrows/holes. • Watch for trip hazards such as uneven terrain, holes, ditches, puddles (if raining) stretched wires or ropes, or other materials or pieces of equipment in path.

Winds/Dust Storms	Particulates	• Wear goggles if dust/debris is visible. • Seek shelter in vehicle or another safe location during dangerously strong wind.
Working on Wet, Icy, and Slippery Surfaces	Bodily harm (e.g. high falls, impalement) Bodily injury (e.g. strain muscles, broken bones)	Administrative: • Report unsafe conditions. Help identify areas where accidents are likely to occur so we can take steps to keep sit safe. *Note: The routine application of salt on icy surface on a project is commonly cover in contract but not always utilized. Personal Protective Equipment and work practice: Wear slip-resistant footwear that has good traction. Avoid shoes with smooth soles. Take shorter steps at a slower pace on icy pavement. Hold onto the handrails when using stairs. Keep your hands free to catch yourself if you start to fall. Use a cart and take the elevator when carrying large items. Avoid walking while distracted; put away your mobile device. Use caution when stepping off curbs and walking up or down steep slopes. • Don't rush! Give yourself extra time to get to your destination. • Wipe your feet on a mat when you enter a building to remove excess water.

Biological and Environmental Hazards		
Work Action or Condition	**Potential Safety Hazard**	**Controls (including PPE)**
Thunderstorms, Lightning	Lightning, Severe Thunderstorms, Tornados	• Check the weather and adjust work schedules. • Do not begin or continue work until lightning subsides for 20 minutes. • Take shelter immediately, 360 degrees of awareness. • Thunderstorms - do not stand under a tree, near water or in the middle of a field. • Tornado: lie flat on the ground, preferably a low shallow space (ditch)
Water - Near/On (Wetlands, Streams, Lakes, Ponds)	Drowning, Hypothermia	• All workers must be capable swimmers to be assigned to projects involving water. • Appropriately sized Personal Flotation Devices (PFDs) must be worn when on a water craft or when working within 5-feet of water above knee height. • Workers will observe depth of water body and

		speed of any currents before proceeding. • Ensure enough PFDs for boat occupants, that PFD is appropriately sized for the wearer, and is worn per the manufacturer's instructions (straps/zippers used appropriately).

Ergonomic Hazards		
Work Action or Condition	**Potential Safety Hazard**	**Controls (including PPE)**
Lifting Heavy Objects	Injury from Improper Lifting/Lifting weights that are too heavy	• When lifting heavy objects, keep the load close to the body and use the leg muscles instead of the back muscles to perform lifting tasks. • Do not attempt to lift large, heavy (especially over 50-lbs), or awkwardly shaped objects without assistance from another employee or from a manual lifting devise.
Noise (Loud, Sustained)	Hearing Damage	• Ear protection will be worn at all times when personnel are within 20-feet of operating equipment or when noise level becomes consistently loud enough to have to raise voice to communicate with someone. • Hearing protection will also be worn in the vicinity of generators, concrete cutters, and any other high noise emitting equipment.

Chemical Hazards (General)		
Work Action or Condition	**Potential Safety Hazard**	**Controls (including PPE)**
Chemical Exposure - Volatile Organic Compounds (VOC)	*Contaminants identified in testing locations at the Site include various volatile organic compounds (VOCs), primarily VOCs associated with Site contamination. Volatile organic*	Volatile Organic Compound (VOC) gases may be emitted from a number of materials and products. The presence of organic vapors may be detected by their odor and by monitoring instrumentation and can lead to physical harm. VOC concentrations at this Site are not anticipated to exceed PELs. The following hazard control measures will be applied, however: • Workers should be wearing appropriate PPE, following listed decontamination procedures and be periodically screening the work zone to

	vapors may be encountered during subsurface activities at the project work site. Inhalation of high concentrations of volatile organic vapors can cause headache, stupor, drowsiness, confusion and other health effects. Skin contact can cause irritation, chemical burn, or dermatitis. Relevant Safety Data Sheets are included as Appendix 1.	prevent against and evaluate for unexpected exposures. Refer to the relevant sections of this HASP for more detail regarding PPE, decontamination procedures and work zone screening.
Sample Collection - Soil or Groundwater	*Exposure to contaminants. Hand injury from cutting, crushing, tool or glass breakage. Back strain from lifting cooler.*	• When collecting samples, workers will utilize nitrile gloves, safety glasses or goggles. If material being sampled potentially contains fill or other sharp material, use a stainless steel spoon (or similar) as a tool to collect the sample. Any such tools should be dedicated or properly decontaminated between samples. • When lifting sample coolers, workers will use proper lifting techniques and get assistance when possible, especially for containers heavier than 50 lbs.

Individual Contaminant Hazards			
Chemical	**OSHA Permissible Exposure Limit (PEL)/ NIOSH Recommended Exposure Limit (REL) or Immediately dangerous to life or health air concentration values (IDLH)**	**Routes of Exposure**	**Symptoms of Overexposure**

8.0 Personal Protective Equipment (PPE)

All site workers will have appropriate training as identified in Section 7.0. Training includes the identification of PPE necessary for various tasks; how to don, doff, adjust, and wear PPE; limitations of PPE; and proper care, inspection, testing, maintenance, useful life, storage, and disposal of the PPE. PPE will be inspected on a regular basis.

Level D: A work uniform affording minimal protection, used for nuisance contamination, only.	• Coveralls or long-sleeves and pants • Gloves • Nitrile sampling gloves (as needed) • Boots/shoes, chemical-resistant steel toe and shank • Safety glasses or chemical splash goggles • Hard hat

9.0 Employee Training

All workers and other personnel shall receive appropriate training prior to engaging in site activities. All workers must recognize and understand the potential hazards to health and safety that are associated with the proposed scope of work and must be thoroughly familiar with programs and procedures contained in this Safety Plan.

The following training levels were determined to be needed:

- OSHA 40 Hour - HAZWOPER

10.0 Exposure Monitoring

Based on the presence or potential presence of VOCs at the Site, LaBella will utilize a photoionization detector (PID) to periodically screen the ambient air in the work area and downwind of the work area for total Volatile Organic Compounds (VOCs).
If sustained PID readings of greater than 50 ppm are recorded in the breathing zone, either personnel are to leave the work area until satisfactory readings are obtained or approved personnel may re-enter the work areas wearing at a minimum a ½ face respirator with organic vapor cartridges for an 8-hour duration (i.e., upgrade to Level C PPE). If PID readings are sustained, in the work area, at levels above 50 ppm for a 5-minute average, work will be stopped immediately until safe levels of VOCs are encountered or additional PPE will be required.

If downwind PID measurements reach or exceed 25 ppm consistently for a 5-minute period downwind of the work area, PID readings will be taken within any nearby buildings (if occupied) on Site to ensure that the vapors are not penetrating any occupied building and impacting occupants. If the PID measurements reach or exceed 25 ppm within any nearby buildings, the personnel should be evacuated via a route in which they would not encounter the work area. The building should then be ventilated until the PID measurements within the building are at or below background levels.

11.0 Site Control

No - Contaminant Exclusion or Reduction zone not required or applicable at the site.

12.0 Recordkeeping

An electronic or hardcopy version of this HASP will be present at the Site during all field work activities. Copies of field logs, including daily pre-job safety meeting logs, will be filed by LaBella and available for the duration of the project.

Employees will be able to provide physical or electronic copies of required training certificates.

Incident reporting will be completed in accordance with LaBella policies.

APPENDIX A

Directions to Nearest Medical Facility

Google Maps

8273 Halsey Rd, Whitesboro, NY 13492 to 111 Hospital Dr, Utica, NY 13502

Drive 8.2 miles, 11 min



Imagery ©2025 Airbus, CNES / Airbus, Landsat / Copernicus, Maxar Technologies, Map data ©2025 Google 1 mi

8273 Halsey Rd
Whitesboro, NY 13492

Continue to Utica

6 min (4.5 mi)

1. Head southwest on Gibson Rd toward Halsey Rd

0.1 mi

2. Turn right onto Halsey Rd

0.4 mi

3. Turn left onto NY-840 E

4.0 mi

Take NY-12 N/NY-5 E to Court St. Take the Court St exit from NY-12 N/NY-5 E

5 min (3.4 mi)

4. Continue onto NY-8 S

0.1 mi

5. Take the NY-5 E/NY-8 N/NY-12 N exit toward I-90/Utica

0.2 mi

6. Merge onto NY-12 N/NY-5 E

2.9 mi

7. Take the Court St exit

0.2 mi

Take State St to Columbia St

2 min (0.4 mi)

8. Use the left lane to turn right onto Court St

322 ft

9. Turn left onto State St

0.2 mi

10. Turn right onto Columbia St

Destination will be on the left

0.1 mi

111 Hospital Dr
Utica, NY 13502

APPENDIX B

Task Hazard Analysis Forms

6.02 TASK HAZARD ANALYSIS (THA) FORM

THA Title:		THA ID #:	Date: ☐ New ☐ Revised
Work Activity:		Risk Code (Table Page 2):	Division:
Person Preparing THA:		Person Assisting with THA:	
Sequence of Steps or Activities	Materials, Equipment & Tools Needed	Hazards	Recommended Controls Measures / PPE/ Training
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

Risk Assessment Codes (RACs) Likelihood & Severity Classification			
Likelihood of Harm (People, Environment, Facility)	**Severity of Harm/Consequences** (People, Environment, Facility, Supply Chain Disruption, Brand Impact)		
	Slight Harm	**Moderate Harm**	**Extreme Harm**
Very Unlikely	Very low risk	Very low risk	High risk
Unlikely	Very low risk	Medium risk	Very high risk
Likely	Low risk	Medium risk	Very high risk
Very Likely	Low risk	High risk	Very high risk
Definitions			
Likelihood of Harm Categories: -Very Unlikely: Will not occur except in rare instances under certain conditions -Unlikely: Typically would not occur -Likely: May occur on a regular basis -Very Likely: Will occur in most instances	Severity of Harm Categories: -Slight harm: Only first aid required -Moderate harm: Injury or illness resulting in inability to work for a short period of time -Extreme harm: Death or serious injury or illness resulting in inability to work indefinitely		

PREPARATION SIGN OFF			
Role	Name	Signature	Date
Preparer			
Reviewer with Relevant Task Technical Experience or Safety Expertise			
Safety Manager – Needed for High Risk or Very High Risk THAs			

ACKNOWLEDGEMENT IF THA IS USED AS A TRAINING RESOURCE By signing I am indicating that I have read and understand the contents of this Task Hazard Assessment and the controls required to mitigate the risks from identified hazards.			
Name	Signature	Company	Date

APPENDIX C

Safety Data Sheets

Safety Data Sheet Digital Library for Reference



APPENDIX D

Daily Tailgate Safety Meeting Form

6.08 PRE-JOB SAFETY TAILGATE/TOOLBOX MEETING FORM

Date		Time	
Location or Address		Temperature	
Project Number		Humidity	
Conducted by		Conditions	
Were all workers reminded that COVID is still prevalent and that appropriate measures should be taking to prevent infection of themselves and others?			Yes ☐ No ☐

911	**If 911 is unavailable at this location, please state the procedure for reporting emergencies** _____

List Safety Topic of Discussion and/or Any Specific Hazards for the Work Being Performed Today	
1	
2	
3	
4	
5	
6	
7	
List Control Measures for Each Specific Hazard Listed Above	
1	
2	
3	
4	
5	
6	
7	

PLEASE SIGN THE BACK OF THIS SHEET

The presenter and all attendees shall print and sign in the appropriate areas on the back of this sheet

By signing, you declare that you understand the information presented in today's meeting, and that you have had the opportunity to ask questions and to clarify any uncertainty regarding such information.

All Visitors and Contractors Must Print Their Company Name

Name	Signature	Company

APPENDIX E

Silica Exposure Plan

6.17 SILICA EXPOSURE CONTROL PLAN

Silica Exposure Control Plans are Required for all Tasks with Potential Exposure to Silica
See LaBella Safety Manual Policy 4.09 and Attachment A - Table 1 of OSHA 1926.1153

Exposure Control Plan Project Information

Person Completing the Plan:	Date:
Location:	Division:
Project Number:	Phase:

Description of Task

Controls

OSHA requires Silica Exposure Control Plans include the following:
- Engineering Controls - Work Practice Controls - Respiratory Protection
- Housekeeping Measures - Procedures Used to Restrict Access to Work Areas

Types of Controls:

Elimination or Substitution Controls:
☐ Other means of demo _____
☐ Different products _____
☐ Other _____

Engineering and Work Practice Controls:
☐ Doing work when concrete is wet _____
☐ Equipment with integrated water delivery _____
☐ Equipment w/ shroud/dust collection system _____
☐ HEPA vacuuming _____
☐ Water or water/surfactant for dust suppression _____
☐ Isolation/Enclosure _____
☐ Heavy equip. operation from enclosed cab _____
☐ Ventilation* _____
☐ Other _____

*When using ventilation, draw air out and don't expose others to exhaust dusts. See Ventilation section, below.

Restricted Access to Work Areas Measures:
☐ Signage _____
☐ Physical Barriers _____
☐ Dust Barriers _____
☐ Other _____

Housekeeping Measures:
☐ Wet mopping/wet sweeping _____
☐ HEPA vacuuming of work area _____
☐ HEPA vacuuming of clothing/coveralls _____
☐ Other _____

6.17 SILICA EXPOSURE CONTROL PLAN

Administrative Controls:

☐ Work schedules/coordination _____
☐ Inspections by competent persons _____
☐ Control points _____

Respiratory Protection and PPE:

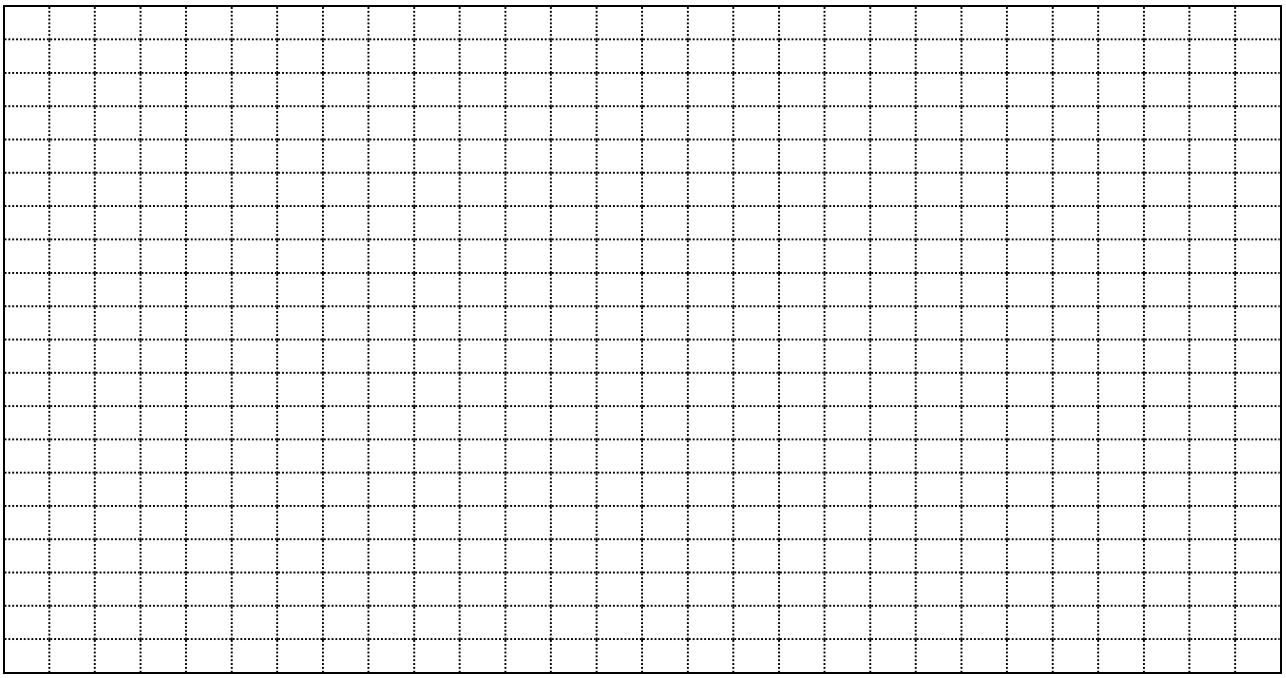
☐ Half face: _____ Cartridge Type: _____
☐ Full face: _____ Cartridge Type: _____
☐ Supplied air units_____
☐ Coveralls: _____ ☐ Other _____
☐ Gloves: _____ ☐ Other _____

Hygiene and Decontamination:

☐ Water or washing facilities on site _____
☐ Vacuuming clothing/self _____
☐ Other _____

Ventilation

Ventilation Plan: Indicate number/location of fans (positive / negative), airflow direction ⇦ makeup air locations, discharge air outlets.



Area of location in building of ventilation plan: _____

Date Plan was posted/reviewed by workers: _____

Ventilation Safety Checklist:

☐ Makeup air free of contaminants
☐ Exhaust fan operation has failure warning
☐ Wetting of materials used to keep dust down
☐ Discharge not affecting others
☐ Dilution fans not stirring up dust
☐ All workers have approved respirators
☐ Workers not placed between contaminants created and exhaust inlet ports

ATTACHMENT

Table 1: Specified Exposure Control Methods When Working With Materials Containing Crystalline Silica

Construction Task or Equipment Operation		Engineering and Work Practice Control Methods	Required Respiratory Protection	
			≤ 4 hours/shift	>4 hours/shift
1	Stationary masonry saws	• Use saw equipped with integrated water delivery system that continuously feeds water to the blade. • Operate and maintain tool in accordance with manufacturer's instructions to minimize dust emissions.	None	None
2a	Handheld power saws (any blade diameter) when used outdoors	• Use saw equipped with integrated water delivery system that continuously feeds water to the blade. • Operate and maintain tool in accordance with manufacturer's instructions to minimize dust emissions.	None	N95 (or Greater Efficiency) Filtering Facepiece or Half Mask
2b	Handheld power saws (any blade diameter) when used indoors or in an enclosed area	• Use saw equipped with integrated water delivery system that continuously feeds water to the blade. • Operate and maintain tool in accordance with manufacturer's instructions to minimize dust emissions.	N95 (or Greater Efficiency) Filtering Facepiece or Half Mask	N95 (or Greater Efficiency) Filtering Facepiece or Half Mask
3	Handheld power saws for cutting fiber-cement board (with blade diameter of 8 inches or less) for tasks performed outdoors only	• Use saw equipped with commercially available dust collection system. • Operate and maintain tool in accordance with manufacturer's instructions to minimize dust emissions. • Dust collector must provide the air flow recommended by the tool manufacturer, or greater, and have a filter with 99% or greater efficiency.	None	None
4a	Walk-behind saws when used outdoors	• Use saw equipped with integrated water delivery system that continuously feeds water to the blade. • Operate and maintain tool in accordance with manufacturer's instructions to minimize dust emissions.	None	None
4b	Walk-behind saws when used indoors or in an enclosed area	• Use saw equipped with integrated water delivery system that continuously feeds water to the blade. • Operate and maintain tool in accordance with manufacturer's instructions to minimize dust emissions.	N95 (or Greater Efficiency) Filtering Facepiece or Half Mask	N95 (or Greater Efficiency) Filtering Facepiece or Half Mask
5	Drivable saws for tasks performed outdoors only	• Use saw equipped with integrated water delivery system that continuously feeds water to the blade. • Operate and maintain tool in accordance with manufacturer's instructions to minimize dust emissions.	None	None
6	Rig-mounted core saws or drills	• Use tool equipped with integrated water delivery system that supplies water to cutting surface. • Operate and maintain tool in accordance with manufacturer's instructions to minimize dust emissions.	None	None
7	Handheld and stand-mounted drills (including	• Use drill equipped with commercially available shroud or cowling with dust	None	None

Construction Task or Equipment Operation		Engineering and Work Practice Control Methods	Required Respiratory Protection	
			≤ 4 hours/shift	>4 hours/shift
	impact and rotary hammer drills)	collection system. • Operate and maintain tool in accordance with manufacturer's instructions to minimize dust emissions. • Dust collector must provide the air flow recommended by the tool manufacturer, or greater, and have a filter with 99% or greater efficiency and a filter-cleaning mechanism. • Use a HEPA-filtered vacuum when cleaning holes.		
8	Dowel drilling rigs for concrete for tasks performed outdoors only	• Use shroud around drill bit with a dust collection system. • Dust collector must have a filter with 99% or greater efficiency and a filter cleaning mechanism. • Use a HEPA-filtered vacuum when cleaning holes.	N95 (or Greater Efficiency) Filtering Facepiece or Half Mask	N95 (or Greater Efficiency) Filtering Facepiece or Half Mask
9a	Vehicle-mounted drilling rigs for rock and concrete	• Use dust collection system with close capture hood or shroud around drill bit with a low-flow water spray to wet the dust at the discharge point from the dust collector.	None	None
9b	Vehicle-mounted drilling rigs for rock and concrete	• Operate from within an enclosed cab and use water for dust suppression on drill bit.	None	None
10a	Jackhammers and handheld powered chipping tools when used outdoors	• Use tool with water delivery system that supplies a continuous stream or spray of water at the point of impact.	None	N95 (or Greater Efficiency) Filtering Facepiece or Half Mask
10b	Jackhammers and handheld powered chipping tools when used indoors or in an enclosed area	• Use tool with water delivery system that supplies a continuous stream or spray of water at the point of impact.	N95 (or Greater Efficiency) Filtering Facepiece or Half Mask	N95 (or Greater Efficiency) Filtering Facepiece or Half Mask
10c	Jackhammers and handheld powered chipping tools when used outdoors	• Use tool equipped with commercially available shroud and dust collection system. • Operate and maintain tool in accordance with manufacturer's instructions to minimize dust emissions. • Dust collector must provide the air flow recommended by the tool manufacturer, or greater, and have a filter with 99% or greater efficiency and a filter-cleaning mechanism.	None	N95 (or Greater Efficiency) Filtering Facepiece or Half Mask
10d	Jackhammers and handheld powered chipping tools when used indoors or in an enclosed area	• Use tool equipped with commercially available shroud and dust collection system. • Operate and maintain tool in accordance with manufacturer's instructions to minimize dust emissions. • Dust collector must provide the air flow recommended by the tool manufacturer, or greater, and have a filter with 99% or greater efficiency and a filter-cleaning mechanism.	N95 (or Greater Efficiency) Filtering Facepiece or Half Mask	N95 (or Greater Efficiency) Filtering Facepiece or Half Mask

Construction Task or Equipment Operation		Engineering and Work Practice Control Methods	Required Respiratory Protection	
			≤ 4 hours/shift	>4 hours/shift
11	Handheld grinders for mortar removal (i.e., tuckpointing)	• Use grinder equipped with commercially available shroud and dust collection system. • Operate and maintain tool in accordance with manufacturer's instructions to minimize dust emissions. • Dust collector must provide 25 cubic feet per minute (cfm) or greater of airflow per inch of wheel diameter and have a filter with 99% or greater efficiency and a cyclonic pre-separator or filter-cleaning mechanism.	N95 (or Greater Efficiency) Filtering Facepiece or Half Mask	Powered Air-Purifying Respirator (PAPR) with P100 Filters
12a	Handheld grinders for uses other than mortar removal for tasks performed outdoors only	• Use grinder equipped with integrated water delivery system that continuously feeds water to the grinding surface. • Operate and maintain tool in accordance with manufacturer's instructions to minimize dust emissions.	None	None
12b	Handheld grinders for uses other than mortar removal when used outdoors	• Use grinder equipped with commercially available shroud and dust collection system. • Operate and maintain tool in accordance with manufacturer's instructions to minimize dust emissions. • Dust collector must provide 25 cubic feet per minute (cfm) or greater of airflow per inch of wheel diameter and have a filter with 99% or greater efficiency and a cyclonic pre-separator or filter-cleaning mechanism.	None	None
12c	Handheld grinders for uses other than mortar removal when used indoors or in an enclosed area	• Use grinder equipped with commercially available shroud and dust collection system. • Operate and maintain tool in accordance with manufacturer's instructions to minimize dust emissions. • Dust collector must provide 25 cubic feet per minute (cfm) or greater of airflow per inch of wheel diameter and have a filter with 99% or greater efficiency and a cyclonic pre-separator or filter-cleaning mechanism.	None	N95 (or Greater Efficiency) Filtering Facepiece or Half Mask
13a	Walk-behind milling machines and floor grinders	• Use machine equipped with integrated water delivery system that continuously feeds water to the cutting surface. • Operate and maintain tool in accordance with manufacturer's instructions to minimize dust emissions.	None	None
13b	Walk-behind milling machines and floor grinders	• Use machine equipped with dust collection system recommended by the manufacturer. • Operate and maintain tool in accordance with manufacturer's instructions to minimize dust emissions. • Dust collector must provide the air flow	None	None

Construction Task or Equipment Operation		Engineering and Work Practice Control Methods	Required Respiratory Protection	
			≤ 4 hours/shift	>4 hours/shift
		recommended by the manufacturer, or greater, and have a filter with 99% or greater efficiency and a filter-cleaning mechanism. • When used indoors or in an enclosed area, use a HEPA-filtered vacuum to remove loose dust in between passes.		
14	Small drivable milling machines (less than half-lane)	• Use a machine equipped with supplemental water sprays designed to suppress dust. • Water must be combined with a surfactant. • Operate and maintain machine to minimize dust emissions.	None	None
15a	Large drivable milling machines (half-lane and larger) for cuts of any depth on asphalt only	• Use machine equipped with exhaust ventilation on drum enclosure and supplemental water sprays designed to suppress dust. • Operate and maintain machine to minimize dust emissions.	None	None
15b	Large drivable milling machines (half-lane and larger) for cuts of four inches in depth or less on any substrate	• Use machine equipped with exhaust ventilation on drum enclosure and supplemental water sprays designed to suppress dust. • Operate and maintain machine to minimize dust emissions.	None	None
15c	Large drivable milling machines (half-lane and larger) for cuts of four inches in depth or less on any substrate	• Use a machine equipped with supplemental water spray designed to suppress dust. • Water must be combined with a surfactant. • Operate and maintain machine to minimize dust emissions.	None	None
16	Crushing machines	• Use equipment designed to deliver water spray or mist for dust suppression at crusher and other points where dust is generated (e.g., hoppers, conveyers, sieves/sizing or vibrating components, and discharge points). • Operate and maintain machine in accordance with manufacturer's instructions to minimize dust emissions. • Use a ventilated booth that provides fresh, climate-controlled air to the operator, or a remote control station.	None	None
17a	Heavy equipment and utility vehicles used to abrade or fracture silica-containing materials (e.g., hoe-ramming, rock ripping) or used during demolition activities involving silica-containing materials	• Operate equipment from within an enclosed cab.	None	None
17b	Heavy equipment and utility vehicles used to abrade or fracture silica-containing	• When employees outside of the cab are engaged in the task, apply water and/or dust suppressants as necessary	None	None

Construction Task or Equipment Operation		Engineering and Work Practice Control Methods	Required Respiratory Protection	
			≤ 4 hours/shift	>4 hours/shift
	materials (e.g., hoe-ramming, rock ripping) or used during demolition activities involving silica-containing materials	to minimize dust emissions.		
18a	Heavy equipment and utility vehicles for tasks such as grading and excavating but not including demolishing, abrading, or fracturing silica-containing materials	• Apply water and/or dust suppressants as necessary to minimize dust emissions.	None	None
18b	Heavy equipment and utility vehicles for tasks such as grading and excavating but not including demolishing, abrading, or fracturing silica-containing materials	• When the equipment operator is the only employee engaged in the task, operate equipment from within an enclosed cab.	None	None

APPENDIX C

Community Air Monitoring Plan

Appendix 1A
New York State Department of Health
Generic Community Air Monitoring Plan

Overview

A Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

The generic CAMP presented below will be sufficient to cover many, if not most, sites. Specific requirements should be reviewed for each situation in consultation with NYSDOH to ensure proper applicability. In some cases, a separate site-specific CAMP or supplement may be required. Depending upon the nature of contamination, chemical- specific monitoring with appropriately-sensitive methods may be required. Depending upon the proximity of potentially exposed individuals, more stringent monitoring or response levels than those presented below may be required. Special requirements will be necessary for work within 20 feet of potentially exposed individuals or structures and for indoor work with co-located residences or facilities. These requirements should be determined in consultation with NYSDOH.

Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas.

Community Air Monitoring Plan

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for VOCs and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary. Most sites will involve VOC and particulate monitoring; sites known to be contaminated with heavy metals alone may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate DEC/NYSDOH staff.

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. “Periodic” monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or

overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions, particularly if wind direction changes. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

1. If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

2. If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

3. If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

4. All 15-minute readings must be recorded and be available for State (DEC and NYSDOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

1. If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m^3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the

work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m^3 above the upwind level and provided that no visible dust is migrating from the work area.

2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m^3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m^3 of the upwind level and in preventing visible dust migration.

3. All readings must be recorded and be available for State (DEC and NYSDOH) and County Health personnel to review.

December 2009

Appendix 1B
Fugitive Dust and Particulate Monitoring

A program for suppressing fugitive dust and particulate matter monitoring at hazardous waste sites is a responsibility on the remedial party performing the work. These procedures must be incorporated into appropriate intrusive work plans. The following fugitive dust suppression and particulate monitoring program should be employed at sites during construction and other intrusive activities which warrant its use:

1. Reasonable fugitive dust suppression techniques must be employed during all site activities which may generate fugitive dust.

2. Particulate monitoring must be employed during the handling of waste or contaminated soil or when activities on site may generate fugitive dust from exposed waste or contaminated soil. Remedial activities may also include the excavation, grading, or placement of clean fill. These control measures should not be considered necessary for these activities.

3. Particulate monitoring must be performed using real-time particulate monitors and shall monitor particulate matter less than ten microns (PM10) with the following minimum performance standards:

(a) Objects to be measured: Dust, mists or aerosols;
(b) Measurement Ranges: 0.001 to 400 mg/m3 (1 to 400,000 :ug/m3);
(c) Precision (2-sigma) at constant temperature: +/- 10 :g/m3 for one second averaging; and +/- 1.5 g/m3 for sixty second averaging;
(d) Accuracy: +/- 5% of reading +/- precision (Referred to gravimetric calibration with SAE fine test dust (mmd= 2 to 3 :m, g= 2.5, as aerosolized);
(e) Resolution: 0.1% of reading or 1g/m3, whichever is larger;
(f) Particle Size Range of Maximum Response: 0.1-10;
(g) Total Number of Data Points in Memory: 10,000;
(h) Logged Data: Each data point with average concentration, time/date and data point number
(i) Run Summary: overall average, maximum concentrations, time/date of maximum, total number of logged points, start time/date, total elapsed time (run duration), STEL concentration and time/date occurrence, averaging (logging) period, calibration factor, and tag number;
(j) Alarm Averaging Time (user selectable): real-time (1-60 seconds) or STEL (15 minutes), alarms required;
(k) Operating Time: 48 hours (fully charged NiCd battery); continuously with charger;
(l) Operating Temperature: -10 to 50^{o} C (14 to 122^{o} F);
(m) Particulate levels will be monitored upwind and immediately downwind at the working site and integrated over a period not to exceed 15 minutes.

4. In order to ensure the validity of the fugitive dust measurements performed, there must be appropriate Quality Assurance/Quality Control (QA/QC). It is the responsibility of the remedial party to adequately supplement QA/QC Plans to include the following critical features: periodic instrument calibration, operator training, daily instrument performance (span) checks, and a record keeping plan.

5. The action level will be established at 150 ug/m3 (15 minutes average). While conservative,

this short-term interval will provide a real-time assessment of on-site air quality to assure both health and safety. If particulate levels are detected in excess of 150 ug/m3, the upwind background level must be confirmed immediately. If the working site particulate measurement is greater than 100 ug/m3 above the background level, additional dust suppression techniques must be implemented to reduce the generation of fugitive dust and corrective action taken to protect site personnel and reduce the potential for contaminant migration. Corrective measures may include increasing the level of personal protection for on-site personnel and implementing additional dust suppression techniques (see Paragraph 7). Should the action level of 150 ug/m3 continue to be exceeded work must stop and DER must be notified as provided in the site design or remedial work plan. The notification shall include a description of the control measures implemented to prevent further exceedances.

6. It must be recognized that the generation of dust from waste or contaminated soil that migrates off-site, has the potential for transporting contaminants off-site. There may be situations when dust is being generated and leaving the site and the monitoring equipment does not measure PM10 at or above the action level. Since this situation has the potential to allow for the migration of contaminants off-site, it is unacceptable. While it is not practical to quantify total suspended particulates on a real-time basis, it is appropriate to rely on visual observation. If dust is observed leaving the working site, additional dust suppression techniques must be employed. Activities that have a high dusting potential--such as solidification and treatment involving materials like kiln dust and lime--will require the need for special measures to be considered.

7. The following techniques have been shown to be effective for the controlling of the generation and migration of dust during construction activities:

(a) Applying water on haul roads;
(b) Wetting equipment and excavation faces;
(c) Spraying water on buckets during excavation and dumping;
(d) Hauling materials in properly tarped or watertight containers;
(e) Restricting vehicle speeds to 10 mph;
(f) Covering excavated areas and material after excavation activity ceases; and
(g) Reducing the excavation size and/or number of excavations.

Experience has shown that the chance of exceeding the 150ug/m3 action level is remote when the above-mentioned techniques are used. When techniques involving water application are used, care must be taken not to use excess water, which can result in unacceptably wet conditions. Using atomizing sprays will prevent overly wet conditions, conserve water, and provide an effective means of suppressing the fugitive dust.

8. The evaluation of weather conditions is necessary for proper fugitive dust control. When extreme wind conditions make dust control ineffective, as a last resort remedial actions may need to be suspended. There may be situations that require fugitive dust suppression and particulate monitoring requirements with action levels more stringent than those provided above. Under some circumstances, the contaminant concentration and/or toxicity may require additional monitoring to protect site personnel and the public. Additional integrated sampling and chemical analysis of the dust may also be in order. This must be evaluated when a health and safety plan is developed and when appropriate suppression and monitoring requirements are established for protection of health and the environment.

APPENDIX D

Laboratory Validation Resume



TRACEY EVANS

Environmental Scientist

Tracey is an Environmental Scientist with over 16 years of experience in environmental assessment and laboratory management. She has experience supporting the management of sites on behalf of the NYSDEC Spills and Hazardous Waste Division, evaluating and reporting field data and laboratory analytical data as well as generating data usability summary reports (DUSR). Tracey is skilled in groundwater collection methods in accordance with NYSDEC guidelines. She also has experience overseeing and directing the sampling, grouping, staging, and lab packing of waste chemicals. Prior to her current role, Tracey served as a Laboratory Manager at Stony Brook University and as an Instructional Associate at Montgomery College, where she supported chemistry laboratory operations, experimental design, and safety compliance.

EDUCATION

State University of New York: M.S. Atmospheric Science

State University of New York: B.S. Chemistry

CERTIFICATIONS

OSHA 40-Hour HAZWOPER Certification

OSHA 8-Hour HAZWOPER Certification

National Safety Council First Aid and CPR

Respirator Trained and Fit Tested

Newtown Plaza Associates: 592 New Loudon Road—Latham, NY

Provided data validation services, including preparation of Data Usability Summary Reports (DUSR) and updated NYS EQuIS electronic data deliverable (EDD) with validated results. Reviewed 14 Category B analytical reports for various matrices (soil, groundwater, and air samples for soil vapor) for multiple EPA methods reviewed were Volatile 8260, Semivolatile 8270, PCB 8082A, Pesticides 8081B, Metals 6010D, Mercury 7470A, 1,4-Dioxane 8270E, and PFAS EPA 1633. With additional tentative analyte detection. All reviews conducted under EPA National Functional Guidelines for Organic and Inorganic Superfund Methods for Data Review (NFG) in conjunction with EPA Region 2 Standard Operating Procedures for Validation of each sub-division, such as Volatile, Semivolatile, etc. Review of individual method guidelines is also considered.

175 Rogers Avenue LLC: Off-Site-175 Rogers Avenue—Inwood, NY

Evaluated soil vapor and soil vapor instruction summa sampling data validation, including DUSR and EQUIS EDD submission for Volatile method TO-15 with helium tracer method EPA-3C.

Empire Electric Company: 5200 1st Avenue—Brooklyn, NY

Soil sample data validation for multiple Category B analytical reports, including preparation of DUSR and updated NYS EQuIS EDD with validated results. Multiple DER methods were run on a soil sample, with a focus on PCB contamination during demolition.

Ebenezer Plaza: Phase 1 at 96 New Lots Avenue—Brooklyn, NY

Completed DUSR and EDD preparation for multiple Category B analytical reports containing groundwater samples (quarterly), Volatile method 8260D, and 2 reports containing air samples of soil vapor intrusion and indoor for Volatile method TO-15.

LaBella
Powered by partnership.

NYSDEC: Spill #1408617, Commercial Warehouse—Brooklyn, NY

Completed Data Usability Summary Reports and EDD preparation for one Category B analytical report containing groundwater samples, Volatile method 8260D.

Former Trivoli Water Tower Site: 19 Pine Street—Trivoli, NY

Completed DUSR and EQuIS electronic data deliverable (EDD) with validated data for the Department of Environmental Conservation for Category B analytical report containing soil samples. Methods reviewed were Volatile 8260, Semivolatile 8270, PCB 8082A, Pesticides 8081B, Metals 6010D, Mercury 7470A, 1,4-Dioxane 8270E, and PFAS EPA 1633, EPA 1633, and Cyanide 9014. Also, constructed a location file of site samples for input into the EQUIS data system.

Former Munsey Cleaner: 1029 Port Washington Boulevard—Port Washington, NY

Review of quarterly groundwater sampling for 5 quarters from 2024-2025. Completed DUSR and EQUIS EDD preparation for Category B analytical reports containing groundwater samples, methods Volatile 8260, PFAS 1633, and 8270-SIM 1,4-dioxane.

9 Lakeview Avenue: BCP Service—Brightwaters, NY

Brownfield Cleanup program soil samples, Category B analytical report prepared DUSR, and EQUIS EDD. Methods reviewed Volatile 8260, Semivolatile 8270, PCB 8082A, Pesticides 8081B, Metals 6010D, Mercury 7470A, 1,4-Dioxane 8270E, and PFAS EPA 1633, EPA 1633, and Cyanide 9014.

APPENDIX E

HRP DRAFT Remedial Investigation Report

MOVE YOUR ENVIRONMENT FORWARD

November 1, 2023

Mr. Doug Folsom
Turbine Engine Components Technologies – Utica Corporation
P.O. Box 128
76 County Road
Eastford, CT 06242

RE: Remedial Investigation Report
2 Halsey Road (8273 Halsey Road)
Whitesboro, New York
(HRP #WHI6533.RA)

Dear Mr. Folsom:

Attached is the Draft Remedial Investigation Report for 2 Halsey Road (8273 Halsey Road), Whitesboro New York.

If you have any questions or require additional information, please feel free to contact HRP at (518) 877-7101.

Sincerely,

Mark E. Wright, CSP, PG
Project Manager

Attachments

MOVE YOUR ENVIRONMENT FORWARD

DRAFT REMEDIAL INVESTIGATION REPORT

Turbine Engine Components Technologies – Utica Corporation
2 Halsey Road (8273 Halsey Road),
Whitesboro, New York
DEC Site ID # 633092

Prepared For:

Mr. Doug Folsom
Turbine Engine Components Technologies – Utica Corporation
P.O. Box 128
76 County Road
Eastford, CT 06242

Prepared By:

HRP Associates, Inc.
1 Fairchild Square, Suite 110
Clifton Park, NY 12065

HRP #: WHI6533.RA

Issued On: November 1, 2023

Addendum Number	Date Issued	Reason For Modification

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General Information

Project/Site Information:

TECT Utica Corporation
2 Halsey Road (8273 Halsey Road)
Whitesboro, New York

Consultant Information:

HRP Associates, Inc.
1 Fairchild Square, Suite 110
Clifton Park, NY 12065
Phone: 518-877-7101
Fax: 518-877-8561
E-mail: mark.wright@hrpassociates.com
Project Number: WHI6533.RA

Client Information:
Mr. Doug Folsom
TECT Utica Corporation
P.O. Box 128
76 County Road
Eastford, CT 06242

Report Date: 11/1/2023

Report Author: _____
Chris Sbarra
Senior Project Consultant

Project Manager: _____
Mark E. Wright, CSP, PG
Project Manager

QEP Certification:

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

_____
Mark Wright - Project Manager

1.0 INTRODUCTION

This Remedial Investigation (RI) report presents the results of the investigations completed by HRP Associates, Inc. (HRP) at the subject site located at 2 Halsey Road (8273 Halsey Road), Whitesboro, New York (hereinafter referred to as the Site). The Site location is depicted on **Figure 1**. This RI report was prepared pursuant to an order on consent between the New York State Department of Environmental Conservation (NYSDEC) and the property owner, Turbine Engine Components Technologies – Utica Corporation (TECT Utica Corporation), to assess impacts related to the historical release of chlorinated volatile organic compounds (CVOCs) at the Site. The Site is a current and historical manufacturer of metal parts.

Interpretations presented within this report are based primarily on the investigations performed by HRP between February 2020 and September 2021 as described herein. Site history and background information were compiled by HRP based on review of previous environmental investigation reports. Applicable data from available previous investigations conducted at the Site have been included in sections of this report.

1.1 Report Organization

The text of this report is divided into seven sections. Immediately following the text are the tables, figures, and appendices. A summary of each report section is provided below.

Section 1.0 **Introduction:** The purpose of the RI report; the report organization; the Site background including Site description, Site history, summary of previous relevant studies, areas requiring further investigation; and scope of work are discussed.

Section 2.0 **Physical Characteristics of the Study Area:** Includes results of field activities to determine physical characteristics, including surface features, geology, and hydrogeology.

Section 3.0 **Study Area Investigations:** Summarizes field activities associated with the RI, including soil investigations, groundwater investigations, soil vapor investigations, and ecological investigations.

Section 4.0 **Discussion of Results:** Presents the results of RI organized by environmental media, including the degree of impacts in relation to relevant standards, criteria, and guidance (SCGs) and an assessment of contaminant fate and transport.

Section 5.0 **Qualitative Human Health Exposure Assessment:** Presents the results of a general human health and environmental impact assessment completed at the Site. The assessment identifies potential contamination sources and exposure pathways.

Section 6.0 **Fish and Wildlife Resources Impact Analysis:** Includes discussion of applicability of a Fish and Wildlife Resources Impact Analysis and potential ecological impacts of contaminants of concern from the Site.

Section 7.0 **Conclusions:** Presents a discussion of conclusions for the Site.

Section 8.0 **Recommendations:** Presents HRP's recommendations for the Site.

Section 9.0 **References:** Provides references to technical documents used in the preparation of this report.

1.2 Purpose and Objectives

The purpose of the RI is to characterize on-site environmental media and work to define the nature and extent of on-site CVOC impacts. In accordance with NYSDEC's *DER-10, Technical Guidance for Site Investigation and Remediation*, dated May 2010 (DER-10), the primary objectives of the RI are to:

- Delineate the areal and vertical extent of contaminants in media at the Site;
- Determine the surface and subsurface characteristics of the Site, including topography, geology, and hydrogeology, including depth to groundwater and groundwater flow gradients;
- Identify the sources of contamination, the migration pathways, and actual or potential receptors of contaminants on or through air, soil, bedrock, sediment, groundwater, surface water, utilities, and structures at the Site;
- Use the Fish and Wildlife Resource Impact Analysis (FWRIA) Decision Key included in DER-10 Appendix 3c to determine if the FWRIA is needed for the Site and complete FWRIA as applicable, based on the Decision Key;
- Collect and evaluate all data necessary to assess the actual and potential threats to public health and the environment; and
- Collect the data necessary to evaluate releases to an environmental medium and develop remedial alternative(s) to address the release.

1.3 Site Description

The Site is located at 2 Halsey Road (8273 Halsey Road), Village of Whitesboro, Oneida County, New York, and of two parcels of land identified as 316.000-1-2.1 and 316.000-1-2.4 on the Whitestown tax map. The 170.59-acre Site consists of two parcels of land, improved by three buildings and a shed totaling 249,725 square feet.

Site buildings consist of the following:

- *Manufacturing/Office Building (Main Building):* a single-story manufacturing building totaling approximately 238,725 square feet that includes a basement under the central portion of the manufacturing area of the building referred to as the "Hoffman basement". The remainder of the manufacturing portion of the building is constructed as slab-on-grade.

- *Chemical Storage Building:* a single-story oil/coolant storage building totaling approximately 6,400 square feet constructed as slab-on-grade.
- *Compressor Building:* a single-story building housing compressors used to generate shop air for the facility, totaling approximately 4,600 square feet constructed as slab-on-grade.

A Site plan depicting site features is presented as **Figure 2A**. Several above ground storage tanks (ASTs) related to the manufacturing process are located on the east side of the manufacturing/office building with contents including water, wastewater, nitric acid, liquid argon, liquid nitrogen, and waste oil. Other structures east of the main building include storage trailers and a shed housing equipment associated with a former groundwater remediation system. Two former waste oil underground storage tanks (USTs) and a former solvent recycling AST were located to the west of the compressor building and were reportedly removed in the 1990s. The locations of the former waste oil USTs are shown on **Figure 2B** within the HR-1 area. HRP reviewed all available documents and found no record of solvent storage onsite apart from the solvent recycling tank. No tank closure documents were available for HRP to review.

A former on-site wastewater treatment plant (WWTP), located near the northwestern boundary of the Site, was in operation from 1950 to 1970 before it was replaced with an updated wastewater treatment system in 1970. The former WWTP is shown on **Figure 2C**. The current wastewater treatment system is located in the eastern portion of the Site near the main building.

A guard shed is located on the west side of the main building. An employee parking lot is located west of the main building across from Gibson Road. The employee parking lot and driveways surrounding the main building are paved with asphalt. An underground, multi-weir oil/water separator which services the Site's stormwater system is located on the western edge of employee parking area. An electrical substation is present northwest of the main building along Gibson Road. The remaining unimproved portions of the Site are forested or cleared.

The Site is zoned for industrial use, and surrounding properties include industrial, commercial, and residential uses. Properties surrounding the Site and their approximate distances to the Site buildings are described below. The Site boundaries and surrounding land use are depicted on **Figure 3**.

North:
- 5175 Gibson Road: Whitestown Park - a town park (1,300 feet north); and
- 5170 Gibson Road: a two-story residence (1,350 feet north).

South:
- 8282 Halsey Road: Oneida Research Services, Inc. and ICON Laboratory Services, two buildings on a commercial property (550 feet south and 750 feet south respectively).

East:
- 8389 Clark Mills Road: a two-story residence (1,100 feet east); and
- 8399 Clark Mills Road: a two-story residence (1,200 feet east).

West:
- 8249 Halsey Road: a single-story residence (480 feet southwest); and
- 8243 Halsey Road: a single-story residence (600 feet southwest).

1.4 Site History

The Site is currently and has historically been used for manufacturing of aerospace parts. The original manufacturing building was erected in 1956 and was used for light industrial manufacturing by the Turbine Part Division and the Metals Division of the Utica Drop Forge Co. An office area, on the south side of the building was added in 1961. Subsequent additions were added in 1966, 1969, 1989, 1990, and 1996 as the building expanded production areas to the north. Beginning in the mid-1990s the company was consolidated into Turbine Engine Components Technologies (TECT, aka TECT Utica Corporation), which manufactured precision-engineered aerospace components through February 2020, at which time TECT was acquired by Whitcraft. The Site is currently occupied by Turbine Engine Components Technologies – Utica Corporation and the current operations conducted at the Site remain similar to the manufacturing operations conducted by TECT. Current Site operations include the following processes related to the manufacture of metal parts including: milling, cutting, welding, chemical etching, electrical forging, descaling (also known as "Virgo"), ceramic spraying, finishing, and fluorescent penetrant testing. Ancillary Site operations include Electro Discharge Machining, general building, machinery, and equipment maintenance, and transfer of raw materials using propane-powered forklifts.

The facility conducts on-site wastewater treatment prior to discharging process wastewater to the municipal sewer. Wastewater treatment sludge and spent filters are disposed of as F006 hazardous waste. A former WWTP in use from the 1950s until the early 1970s was located on the western portion of the Site, in the forested area west of Gibson Road. According to available documentation, the former WWTP consisted of two concrete grit chambers, a 50,000-gallon steel settling tank, two 240 square foot sludge drying beds, and a concrete block pump house. Structures associated with the former WWTP were reportedly removed in 1995.

The Site is currently and has historically been classified as a Large Quantity Generator (LQG) under the Resource Conservation and Recovery Act (RCRA). Current waste streams generated by manufacturing processes include used cutting oils, metal swarf, wastewater, wastewater treatment sludge, Virgo sludge and ceramic paint waste. Waste cleaning solvents including trichloroethylene (TCE) were generated at the Site until the early 1990s. According to Phase I ESAs previously conducted at the Site, TCE was historically used in three degreasers and an evaporator reportedly located in the southwestern portion of the main building. Historical documentation (2004 Haley & Aldrich Phase I ESA) identified that former employees reported that there were no sub-grade pits associated with the former degreasers.

1.5 Previous Investigations

Numerous environmental investigations and remedial actions were completed at the Site (primarily by ERM-Northeast, Inc. [ERM]) during the 1990s and early 2000s. Soil samples collected throughout the previous investigations were analyzed for Volatile Organic Compounds (VOCs), Semi-volatile Organic Compounds (SVOCs), Total Petroleum Hydrocarbons (TPH), Polychlorinated Biphenyls (PCBs) and Metals. Groundwater samples collected during the previous investigations were analyzed for VOCs and SVOCs. The results of these investigations were used to develop the conceptual site model and focus the sample analyses on the CVOCs as the primary constituents of interest identified

at the site during the RI. The results of the previous investigations are discussed below. In addition to ERM's investigative and remedial actions, Phase I ESAs were completed for the Site in 1990 by Groundwater Technology Inc., in 2001 by GaiaTech, in 2004 by Haley & Aldrich, in 2013 by AEI Consultants, and in 2015 by Ramboll Environ. Summaries of the environmental investigations and remedial actions conducted on the Site are provided below:

Draft Environmental Site Assessment performed by Groundwater Technology Inc., (GTI) dated August 1990

A Phase I/II ESA conducted for Kirkpatrick & Lockhart and Instoria Inc./Providential Ltd (former Site owner) included Phase I ESA records review and Phase II ESA soil, surface water and groundwater sampling activities. The Phase I/II report details regarding the remedial measures and the associated monitoring well construction logs were not available for HRP to review. The description of this report was provided in the "previous investigation summary" sections of the 2001 and 2004 Phase I reports.

Specific environmental concerns identified in the 1990 GTI Phase 1 ESA included:

- Reported presence of PCBs in Electrical Discharge Machining (EDM) basement;
- Surficial petroleum soil staining noted near two former waste oil USTs, a former solvent recycling AST and the boiler house (later renamed the compressor building) in the eastern portion of the Site. The area adjacent to the boiler house was later identified in 1993 ERM report as HR-1;
- Surficial petroleum staining was also observed adjacent to the oil storage building (later renamed the chemical storage building) and oil-water separator areas. The oil-water separator area was later identified in 1993 ERM report as HR-5;
- VOCs detected in groundwater monitoring wells installed onsite (Area later identified in 1993 ERM report as HR-3);
- VOCs detected in soils at the former wastewater treatment plant (Area later identified in 1993 ERM report as HR-4); and
- Potential residential receptors of groundwater contamination downgradient of the Site, at the Strezpek and Vierow residences, on Halsey Road. The residences are now currently serviced by the municipal water supply.

Nine permanent Site monitoring wells MW-1 through MW-6 (formerly GT-1 through GT-6) and MW-7A through MW-7C were installed by GTI as part of this effort. All wells were developed by bailing 10 well volumes at least 24 hours after installation and at least 7 days prior to sampling.

The two waste oil USTs and the solvent recycling AST located along the western side of the compressor building were reported removed by GTI. No tank closure documentation was available for HRP to review. The stained surface soil overlaying the USTs was removed and backfilled with No. 2 stone. The stained soil was placed in a 3-foot-high pile near the southeast corner of the compressor building in the vicinity of MW-2. GTI installed horizontal and vertical piping within the pile to ventilate the impacted soil as part of a remedial measure. The soil pile was referred to as a bio land farm in subsequent reports. The specifications of the bio land farm were not available for HRP to review.

Environmental Investigation Report prepared by ERM Northeast, Inc., (ERM) dated November 1993

The purpose of this investigation was to further assess environmental conditions on the Site. Based on the 1990 GTI report, ERM identified five areas for additional environmental investigation which were the focus of this 1993 report, as follows:

- Compressor Building area and adjacent Soil Pile (HR-1);
- Drum Storage Area (HR-2);
- Area Southeast of Manufacturing Building (HR-3);
- Former Wastewater Treatment Plant Area (HR-4); and
- Oil/Water Separator Area (HR-5).

All ERM soil sample locations are shown on **Figure 2B**.

HR-1

ERM investigated the 3-foot-high soil pile located in the vicinity of MW-2 and adjacent to the compressor building. ERM collected 13 soil samples at depth intervals ranging from 0-3 feet from five soil borings. A selection of the soil samples was evaluated for VOCs (2), PCBs (4) and Total TPH (12). Adirondack Environmental Services Inc., (AES) analyzed the samples for VOCs via EPA method 8240, PCBs via EPA method 8080, and TPH via EPA method 418.1. Sample BB-02-B (1-2 feet below grade [ft bg]) had a reported 1,2-cis-Dichlorenthene (1,2-cis-DCE) concentration of 0.78 milligram per kilogram (mg/kg). BB-01-A (0-1 ft bg) was reportedly non-detect for VOCs. Reported sample concentrations of TPH ranged from non-detect to 95,500 mg/kg. All samples evaluated for PCBs were reportedly non-detect.

ERM investigated the soils on the western side of the compressor building in the area of the former waste oil USTs and solvent recycling AST. Four soil borings (WOTA-01 to WOTA-04) were advanced to a depth of 3 ft bg and two borings (WOTA-05 and WOTA-06) were advanced to a depth of 6 ft bg. Soil samples were collected at 1-foot intervals from each boring (24 samples in total). A selection of the soil samples was analyzed for VOCs (1), PCBs (2), TPH (6) and metals (2). AES analyzed the samples for VOCs via EPA method 8240, PCBs via EPA method 8080, TPH via EPA method 418.1, metals via EPA Method 6010, mercury via EPA method 7471 and thallium via EPA method 7841. All soil samples evaluated for VOCs and PCBs were reportedly non-detect. Reported sample concentrations of TPH ranged from 53 mg/kg to 641 mg/kg. The two samples (WOTA-04-B [1-2 ft bg] and WOTA-06-B [1-2 ft bg]) evaluated for metals had reported concentrations of barium (16.9 and 23.5 mg/kg), chromium (10.4 and 6.25 mg/kg) and lead (5 and 6.5 mg/kg) respectively.

HR-2

ERM collected 16 soil samples (ranging in depth from 0-3 ft bg) from 4 boring locations within the drum storage area (HR-2). A selection of these samples was evaluated for VOCs (1), PCBs (1) and TPH (4). AES analyzed the samples for VOCs via EPA method 8240, PCBs via EPA method 8080 and TPH via EPA method 418.1. Sample DSA-04-B (0.5-1 ft bg) had a reported TCE concentration of 0.035 mg/kg. All four of the sampled analyzed for TPH had reported detection above 100 mg/kg

and ranged in concentration from 278 to 26,600 mg/kg. All samples evaluated for PCBs were reportedly non-detect.

HR-3

ERM installed six additional permanent groundwater monitoring wells (designated MW-8 through MW-13) across the Site to supplement the existing well network. The groundwater monitoring wells were installed via a motorized drill rig equipped with a hollow-stem auger which was advanced through the overburden materials. All wells were constructed using 2-inch schedule 40 PVC risers with 0.01 inch slotted PVC well screens. Wells MW-08, MW-09 and MW-11 were constructed with 10-foot screens. Reduced overburden thickness in portions of the Site resulted in truncated well screens for MW-10 (3 feet), MW-12 (8 feet) and MW-13 (5 feet). All wells were screened across the water table. A medium grained sand pack was placed around the screen annulus and extended at least 1 foot above the screened interval. A 1-foot-thick bentonite seal was placed above the sand pack and hydrated before the remaining space around the well casing was filled with grout. Each well was finished with an expandable j-plug and a protective 3-foot steel riser pipe. ERM well construction logs are provided in **Appendix B**.

ERM measured the depth to water for all onsite wells before the groundwater sample collection. ERM conducted a relative elevation survey of the onsite wells using a 100-foot arbitrary datum and determined the Site had a southwestern groundwater flow direction. Groundwater sampling was conducted to characterize the condition of the overburden aquifer at the Site. The depth to groundwater ranged from 1.24 to 10.87 ft bg across the site. Each well was bailed of five well volumes before the groundwater sample was collected. The groundwater samples were submitted to AES for laboratory analysis of VOCs via EPA method 624. The reported concentrations of total VOCs in groundwater were generally non-detect west, south and north of the facility. Total VOCs in groundwater east of the facility ranged from 5 to 10,876 micrograms per liter (ug/L).

HR-4

ERM investigated groundwater near the former Wastewater Treatment Plant (WWTP), identified as "HR-4". Groundwater samples were collected from MW-7A, MW-7B, and MW-7C and were submitted to AES for laboratory analysis of VOCs via EPA method 624. The reported total VOC groundwater concentrations from the three wells ranged from non-detect to 47 ug/L.

HR-5

ERM collected surface water samples from the influent (1) and effluent (2) sides of the oil/water separator (OWS) (HR-5). A surface water sample was also collected from the stream on the downgradient side of the OWS. The four surface water samples were submitted to AES for laboratory analysis of VOCs by EPA method 624. The influent and downgradient stream surface water samples were reportedly non-detect for the evaluated compounds. One of the effluent surface water samples was also non-detect for VOCs. The final effluent surface water sample had a reported TCE concentration of 6 ug/L.

Sediment samples collected from the influent and effluent sides of the OWS were submitted to AES for analysis of VOCs, PCBs, TPH and metals (EPA methods 8240, 8080, 418.1 and 6010/7470

respectively). The sediment samples were reportedly non-detect for PCBs and VOCs. Concentrations of TPH (641 and 525 mg/kg), chromium (11.1 and 14.8 mg/kg) and lead (35 mg/kg) were reportedly detected for the influent and effluent sediment samples respectively.

Summary of ERM Findings

ERM concluded that soil in discrete portions of HR-1 and HR-2 were impacted with petroleum residuals. VOC groundwater impacts were limited to the eastern portion of the Site. The groundwater in the western, southern, and northern portions of the Site, hydraulically downgradient of the main manufacturing building were largely unaffected.

ERM provided the following recommendations for each of the investigation locations:

- HR-1 and HR- 2: Complete limited excavations in the area around the compressor building and drum storage area with confirmatory post excavation sampling;
- HR-3: The addition of groundwater control and remedial measures for the groundwater VOC impacts in southeastern portion of the Site;
- HR-4: Additional characterization of the former WWTP; and
- HR-5: Improve operation & maintenance of the OWS.

Final Report Remediation Program Outline by ERM (dated 4 October 1994, Revised 15 December 1994)

A remediation plan was developed based on the Site investigations conducted to date and it included the five areas of concern, designated HR-1 through HR-5. ERM evaluated potential remedial alternatives for each above area of concern, along with the recommended preferred remedy and associated cost estimates. The proposed remedies for each area were as follows:

- Compressor Building Soil Pile (HR-1) - excavate and dispose of TPH and VOC impacted soils offsite;
- Drum Storage Area (HR-2) - excavate and dispose of TPH and VOC impacted soils offsite;
- Area Southeast of Manufacturing Building (HR-3) - further characterize the VOC groundwater impacts and design hydraulic control measure/ remedial system;
- Former Wastewater Treatment Plant Area (HR-4) - further characterize, demolish and dispose impacted materials offsite; and
- Oil/Water Separator Area - improve operation & maintenance (HR-5).

1995 Transformer Release Report - Utica Corporation by ERM (dated June 1995, Revised September 1995)

This report documents the cleanup and closure activities associated with the 1995 transformer oil (containing PCBs) release from the Site substation. This release had an associated NYSDEC Spill File (#9416805). The ERM report states that vandalism of a release valve was the cause of the spill. The Oneida County Sheriff's Department was notified and completed an onsite investigation.

Approximately 400 to 430 gallons of PCB containing transformer fluid (PCB oil) migrated from the transformer area along a ditch to the OWS. The majority of the PCB oil was contained within the OWS, however some of the fluid reached the downgradient dry creek bed. The emergency response activities included diverting surface water drainage to isolate impacted areas, containment, and cleanup of the oil from the drainage features. The USEPA and NYSDEC were notified of the release and were consulted during the remediation of the spill. The ERM report states that Mr. William Jesmore and Mr. Daryl Swerdoski of the NYSDEC inspected the Site on April 12, 1995, reportedly approved of the work to date and agreed to the remediation plan. Mr. Howard Mason of NYSDEC Region VI was also reportedly onsite after NYSDEC was notified of the spill and remained onsite for the duration of the cleanup.

Approximately 200 gallons of PCB oil was recovered from the OWS and transformer retention basins during the initial cleanup. Remedial actions conducted by ERM in 1995 in accordance with the NYSDEC approved remediation work plan and included the following:

- All visible signs of transformer fluid were removed from the creek bed sediments and taken offsite for disposal.
- All soil and sediment with PCB concentrations in excess of 1 part per million (ppm) were removed and taken offsite for disposal.
- Soils within the secured transformer area with PCB concentrations in excess of 10 ppm were excavated and backfilled with clean gravel
- Field screening via immunoassay PCB sampling was conducted on all soil/sediment in the affected area post cleanup.
- Additionally, 10% of all field screen samples were submitted for laboratory PCB analysis via EPA method 8080.
- To prevent the movement of any residual PCBs a sump and tank were installed in the ditch, upgradient of the OWS. The underground drainage pipes and catch basins were pressure washed and all water was containerized for treatment.
- Mr. David Greenlaw, USEPA TSCA unit, approved the onsite treatment of 12,000 gallons of remedial wastewater via filtration and carbon absorption.
- The treated wastewater was sampled and had a reported PCB concentration less than 0.05 ug/L. The wastewater was discharged through the Oneida County POTW.
- Post remedial sampling was completed for soils and sediments in the affected areas. All post remedial samples had reported PCB concentrations below 0.4 ppm.
- In total, 112,009 kilograms of solid hazardous waste was transported to CWM Chemical Services, Model City, New York for disposal. An additional 75 yards of the nonhazardous solid waste was disposed of at Modern Landfill, Inc., Model City, New York.
- Liquid wastes generated during the cleanup that were unsuitable for onsite treatment were transported to Tipton Environmental Technology Inc., Tipton Missouri for disposal.

The spill file was closed on 29 May 1995 and reportedly met NYSDEC cleanup standards. The NYSDEC inspected the remediated areas and indicated that the remediation is complete and satisfactory to the NYSDEC. Post-remediation soil and sediment sampling indicated that the NYSDEC-approved remediation goals were achieved, and no further action was required.

Remedial Action Plan Report Halsey Road Facility by ERM (dated September 1995)

To further characterize the overburden aquifer VOC impacts, ERM installed a groundwater recovery well (RW-1) in 1995 in the southeast portion of the Site, downgradient of the drum storage area. ERM also installed temporary monitoring wells TMW-1 and TMW-2. TMW-1 was located in the drum storage area and TMW-2 was located between the water tank and chemical storage building in the northeast corner of the Site. ERM also installed two additional permanent monitoring wells, MW-14 and MW-15 located to the east and north, respectively of MW-2. The monitoring well construction logs for the construction of RW-1, TMW-1, TMW-2, MW-14 or MW-15 were not available for HRP to review. MW-14 and MW-15 appear to have been installed using the same procedure as MW-8 to MW-13. Temporary wells TMW-1 and TMW-2 were only sampled once (6/22/95). The temporary wells were reportedly destroyed sometime before October 1995. All wells were developed by bailing 10 well volumes at least 24 hours after installation and at least 7 days prior to sampling.

RW-1 was constructed with 4" PCV casing to a final depth of approximately 16.5 ft bg. The screen length is not known and the depth to groundwater was 3.25 ft bg when the well was gauged in 1995. After installation, ERM performed aquifer testing on RW-1 to determine the optimum rate of recovery. ERM determined that the rate of recovery of RW-1 would not be sufficient for use in a pump and treat groundwater system. The ERM report detailing the installation of the groundwater pump and treat system was not available for HRP to review but a series of as-built drawings made by ERM were used for the description of the system, which is provided below.

Before the groundwater pump and treat system was installed, ERM obtained an Oneida County groundwater discharge permit (No. GW-043) and a NYSDEC permit to construct and operate an air contaminate source (No. #6-3070-00035/00038-0).

The wastewater permit had the following requirements:

- Required semi-annual sampling for known and suspect pollutants using methods presented in 40 CFR 136 while the system is in operation
- The reports required monthly flow data
- Maximum concentration of Oil & Grease (100 milligram per liter [mg/L])
- Maximum concentration of Total Toxic Organics (2.0 mg/L)
- Maximum concentration of BTEX (2.0 mg/L)
- Maximum concentration of Benzene (0.5 mg/L)
- Maximum concentration of RCRA Hazardous Waste (Prohibited)
- Maximum %LEL (10%)

The air permit allowed the following annual emissions:

- 111,- Trichloroethane (1.1 pounds/year)
- 1,1-Dichloroethene (0.3 pounds/year)
- 1,2-Dichlorethene (63.1 pounds/year)
- Tetrachloroethene (0.7 pounds/year)
- Trichloroethene (158 pounds/year)
- Vinyl Chloride (5.5 pounds/year)

To increase the rate of recovery of groundwater from the overburden aquifer, ERM installed an approximate 125-foot long, 14-foot deep, high permeability trench oriented roughly north-south. The approximate location of the trench is depicted on **Figure 2B**. A new extraction well was constructed from 8″ PVC casing and was installed down gradient of the drum storage area within the trench footprint. The approximate location of the extraction well is depicted on **Figure 2B**. The bottom of the well casing (approximate 14 ft bg) was connected to a T-junction and a horizontal 6″ slotted ADS pipe that ran along the length of the trench. The trench was backfilled with 11 feet of No.1 stone and covered with a geotextile fabric to limit surface water intrusion. ERM installed a Grundfos 5E3 1/3 horsepower submersible pump 16″ from the bottom of the extraction well. A 2″ schedule 40 PVC pipe was connected directly to the pump and exited the 8″ well casing at approximately two feet below grade. The 2″ pipe ran horizontally to a groundwater remediation shed 6 feet from the extraction well. The location of the shed is depicted on **Figure 2B**. The trench was then filled to grade using crushed run aggregate.

ERM installed treatment equipment in the shed. The equipment included a multistage diffusor air stripper, shut-off values, and a flow meter. Piping was installed to convey the treated groundwater to the Oneida county permitted wastewater discharge. A vertical stack exited the top of the shed and ran along the wall of the facility to the roof (approximately 27 feet above grade). The top of the stack was covered with a galvanized rain cap. Details about the groundwater treatment system start-up, use and shutdown are provided below.

Memorandum: Utica Corporation Closure Report for HR-1, HR-2, HR-4 and HR-5 by ERM (dated 3 January 1996 Revised)

These memoranda indicate the closure status of the Site areas of environmental concern HR-1 (former boiler building soil pile), HR-2 (former drum storage area), HR-4 (Former WWTP) and HR-5 (OWS). All sample locations and excavation areas are shown on **Figure 2B**. The following is a summary of the information contained in the closure memoranda:

HR-1

Prior to remediation ten soil samples were collected and analyzed from HR-1 (for a combination of TPH (4), VOC (2), SVOC (2) and PCB (3) analytes) for delineation and characterization. The soil samples were submitted to AES for analysis of VOCs, SVOCs, PCBs, and TPH (EPA methods 8240, Stars 8270, 8080, and 418.1, respectively). The results indicated residual VOC and TPH-impacted soils. VOC concentrations were reportedly below the Site remedial project objectives (developed with NYSDEC TAGM #4046 soil cleanup goals). All samples were reportedly non-detect for SVOC and PCBs. Approximately 110 cubic yards (or 138 tons) of soil was removed and disposed of as non-hazardous waste at a landfill facility. Following excavation, three confirmation soil samples for TPH analysis met the Site cleanup goals and no further action was taken.

HR-2

Prior to remediation eight soil samples were collected and analyzed from HR-2 (for a combination of TPH (5), VOC (1), and SVOC (1) analytes) for delineation and characterization. The soil samples were submitted to AES for analysis of VOCs, SVOCs, and TPH (EPA methods 8240, Stars 8270, and 418.1, respectively). Sample DSA6 (0-3 ft bg) had reported concentrations of total dichloroethene (DCE) (7 ug/kg) and TCE (10 ug/kg). TPH detections ranged from 500 to 10,000 mg/kg. The results

from the 1993 and 1995 sampling events indicated TPH and VOC-impacted soils were present in the subsurface and were likely caused by a surface release of waste oil contaminated with chlorinated solvents from the drum storage area. The soils were excavated, managed, and disposed of as hazardous waste (RCRA F001) in accordance with 6 CRR-NY 371.2. In total, approximately 240 cubic yards (or 368 tons) of soil were disposed offsite as hazardous waste. Following excavation, confirmation samples were collected. Two TPH and one VOC confirmation samples exceeded the Site cleanup goals; however, Site structures and equipment limited any further excavation in these areas so no further action was taken.

HR-4

Prior to remediation, ERM collected groundwater samples from the three nearby monitoring wells MW-7A, MW-7B and MW-7C. MW-7A and MW-7C were non-detect for VOCs during each groundwater sampling event from 1993 to 1996. The groundwater sample from MW-7B collected on 6/22/1995, immediately preceding the demolition of the WWTP, had reported detections of cis-1,2-DCE (11 ug/L) and vinyl chloride (69 ug/L). ERM collected two surface soil samples from the WWTP. Sample HR4-C8 was collected near the 50,000-gallon settling tank and HR4-F3 was collected between the grit chamber and eastern sludge pit. Both samples were reportedly non-detect for CVOCs. HR4-F3 had reported VOC detections of toluene and xylene below the site cleanup objectives. ERM sampled the sludge from the eastern sludge pit and reported detections of barium, cadmium, chromium and lead. The water in the settling tank was reportedly non-detect for PCBs. The remedial effort at HR-4 included the demolition of the two 240 square foot sludge pits, the two 100 sq ft grit chambers, the 50,000-gallon settling tank and the valve pit and the disposal of residual sludge and water. The structures were disposed offsite as construction and demolition (C&D) waste. The residual water was treated onsite (to below VOC, SVOC and PCB permit thresholds) and discharged under permit to the Site's municipal sewer connection. Approximately 635 cubic yards (or 963 tons) of sludge was removed and disposed offsite as hazardous waste (RCRA F006). No soil was excavated because the confirmation samples following the removal of sludge met the remedial goals and no further action was recommended.

HR-5

The OWS had been recently cleaned and upgraded in 1995 (in response to 1995 PCB oil transformer spill) and the remedial actions taken at HR-5 included development of a Site Stormwater O&M Plan. The Site Stormwater O&M Plan was not available for HRP to review.

Memorandum - Groundwater Remediation System Startup Summary by ERM (dated 7 March 1996)

Based on the treatment system startup summary and log information present at the Site, it appears that the system was started in January 1996 and operated through 1999. Internal memos indicate that parts breakage caused the temporary shutdown of the system in April of 1998, before the system was restarted later that year. The system was shut down permanently at the end of 1999.

The treatment system water influent (prior to treatment) and effluent (after treatment) were periodically sampled and monitored over time during operation (1996-1999). Total VOC concentrations (trichloroethene, 1,1,1-trichloroethane and tetrachloroethene) ranged from 17 ug/L to 214 ug/L during the time period of March 1996 to January 1998. Reported effluent sample results

from 1996-1999 indicated that the treated water was non-detect for VOCs. Approximately 500,000 gallons of groundwater were treated from 1996-1999.

A letter from the plant engineer to the Oneida County Department of Water Quality and Pollution control dated December 4, 2001 indicated that the groundwater pump and treat system was no longer in operation since January 2000. The letter stated that groundwater sampling conducted in 2000 indicated that further testing/pumping/treatment was no longer necessary. The results of the groundwater sampling conducted in 2000 were not available for HRP to review. Following an internal environmental audit, the groundwater pump and treat system was briefly activated for a week in June 2003 to evaluate the condition of the equipment. After the system was tested, the Site environmental health and safety officer informed Oneida county that the groundwater treatment would be discontinued indefinitely, and the permit was discontinued.

Quarterly Ground Water Sampling Reports - Utica Corporation Halsey Road Facility by ERM (dated 12 December 1995 through 8 August 1997)

ERM conducted quarterly groundwater sampling for Utica Corporation from June 1995 through August 1997 as documented in the quarterly groundwater sampling reports.

Multiple Phase I reports conducted in 2001, 2004, 2013, and 2015

Information provided in the 2001, 2004, 2013, and 2015 Phase I reports indicated that three degreasers and an associated evaporator formerly operated at the Site. Limited information regarding these operations was available; however, it appears that trichloroethene (TCE) was used in the degreasers. These systems appeared to have been taken out of service and removed from the Site in the early 1990s.

Based on the 2004, 2013, and 2015 Phase I reports, previous environmental assessments identified the former Electro Discharge Machining (EDM) area as potentially using oil containing polychlorinated biphenyls (PCBs). Limited PCB sampling was reportedly conducted during a 1991 audit, which included a surface wipe sample, two oil samples, and a soil sample from an opening in the concrete floor slab. Low levels of PCBs were identified in the samples collected. The 1991 audit reportedly recommended no further action or follow-up in the EDM basement. The Phase I ESA reports generally identified Recognized Environmental Conditions (RECs) related to known groundwater impact by CVOCs, former above grade vapor degreasers, former USTs, exterior drum storage, and the former wastewater treatment plant.

1.6 Conceptual Site Model

HRP completed a Phase I ESA of the Site in January 2020. Based on the findings of the Phase I ESA, a preliminary Conceptual Site Model (CSM) was developed for the Site which identified Recognized Environmental Conditions (RECs) and Areas of Concern (AOCs) that were not fully investigated by previous investigations. In February and June of 2020 HRP conducted groundwater and soil vapor intrusion (SVI) investigations at the Site (described in the sections below). Based on the results of these investigations, HRP determined that CVOC impacts to groundwater represented the most significant potential environmental liability for the Site. Therefore, HRP revised the CSM to design a supplemental investigation focused on RECs/AOCs that could be potential soil source areas

related to the historical CVOC groundwater impacts and to further evaluate groundwater beneath the Site.

The revised CSM developed by HRP associated with CVOCs historically detected at the Site included the following RECs and AOCs at the Site:

- REC #1: CVOC-impacted shallow overburden groundwater beneath the Site
- REC #2: CVOC-impacted soil in the former drum storage area
- REC #3: CVOC-impacted soil vapor area beneath south-central portion of building
- AOC #1: Existing WWTP
- AOC #2: Former WWTP
- AOC #3: Former soil stockpile area east of the compressor building
- AOC #4: Oil-water separator
- AOC #5: Chemical storage building area
- AOC #6: Groundwater in bedrock aquifer beneath the Site

The RECs/AOCs identified in the revised CSM primarily focused on shallow soils (0-5 feet) as the release mechanisms at those areas would generally be surficial and/or shallow releases. However, deeper soils were investigated at select areas, most notably in areas near monitoring wells that have historically contained elevated CVOC concentrations. In addition, the revised CSM included the investigation of potential CVOC impacts to the bedrock aquifer as an Area of Concern (AOC) in order to evaluate the potential for vertical migration of CVOCs in groundwater.

2.0 PHYSICAL CHARACTERISTICS OF THE STUDY AREA

2.1 Topography

The Site and surrounding area are located in a flood plain formed by the confluence of Sauquoit Creek (located east of the Site), the Oriskany Creek (located west of the Site) and the Mohawk River (located north of the site). Topography of the Site is relatively flat at an elevation of approximately 610 feet above mean sea level (ft amsl). Topography of the surrounding area (within one mile of the Site) is relatively flat, sloping southwest, towards the Oriskany Creek and its tributaries. Site topography is depicted on **Figure 4**.

2.2 Hydrology

Surface Water

The nearest surface water bodies to the Site are tributaries to Oriskany Creek and Mud Creek. A tributary which runs west to Oriskany Creek is located approximately 1,500 feet to the southwest and downgradient of the Site. A tributary which runs east to Mud Creek is located approximately 1,900 ft to the northwest and upgradient of the Site. The Oriskany Creek and its tributaries are classified by the NYSDEC as Class "B(T)" waterbodies. The Mud Creek and its tributaries are classified as Class "C(T)" waterbodies. Waterbodies surrounding the Site are depicted on **Figure 4**.

According to 6 NYCRR Part 701: "The best usages of Class B waters are primary and secondary contact recreation and fishing. These waters shall be suitable for fish, shellfish and wildlife propagation and survival. The best usage of Class C waters is fishing. These waters shall be suitable for fish, shellfish and wildlife propagation and survival. The quality of a Class C waterbody shall be suitable for primary and secondary contact recreation, although other factors may limit the use for these purposes". The designation (T) indicates these waterbodies are trout waters.

Wetlands

According to the New York State Environmental Resource Mapper (NYS ERM), the nearest NYSDEC regulated wetland is located approximately 1,500 feet (0.3 miles) south of the Site and is a tributary to Oriskany Creek. The NYS ERM identifies two areas listed on the National Wetlands Inventory located within Site boundaries. The area identified as PSS1E is an approximately 5.8-acre Freshwater Forested/Shrub Wetland located approximately 100 ft northeast and upgradient of Site buildings. The area identified as PEM1E is an approximately 1.1-acre Freshwater Emergent Wetland located approximately 700 ft west of Site buildings (across Gibson Road).

According to the U.S. Fish and Wildlife Service Wetlands Inventory, the nearest federally regulated wetlands consist of and upgradient freshwater forested/shrub wetland located within the property boundaries of the Site and approximately 200 feet east of Site buildings. Samples were not collected from the wetland because of its upgradient position, located at a considerable distance from the Site's boundary, and the absence of surface migration pathways linking the Site and the wetland.

Wetlands surrounding the Site are depicted on **Figure 4**.

Floodplains

The Site is located in an area designated as FEMA Flood Zone 36065C0727F where base flood elevations have been determined. The Site is in an area of minimal flood hazard.

2.3 Geology

Soils and Surficial Geology

Based on observations made during on-site soil sampling, Site soils generally consists of 5-10 feet of medium sand and silt with trace gravel overlain by 3-5 feet of a gravely medium sand with some silt. Refusal was reached at a depth of 8-15 feet below grade (ft bg) across the Site during the advancement of two-inch soil borings via a motorized drill rig. The soils were consistent across the site. Geologic cross-sections prepared using information from soil borings and monitoring wells installed during on-Site investigations are shown **Figures 5A-5C**.

Surficial geology at the Site is mapped as oxidized, non-calcareous, fine sand to gravel (Caldwell et. al., 1986). According to the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey, 100% of the Site area is mapped as Udorthents smoothed 3 to 8 percent slopes.

Bedrock Geology

Bedrock was encountered at depths of 8-14 feet below grade during the installation of soil borings and groundwater monitoring wells. Based on six NX rock core samples collected from two bedrock monitoring wells installed by HRP (HRP-BR-1 and MW-6-BR), bedrock was described as gray, highly fissile shale with horizontal bedding. RQD values were determined to be zero in each of the six rock cores collected from the wells, with the exception of the core collected from HRP-BR-1 (21-25 ft bg), where a RQD of 10% was encountered. The bedrock geology is mapped as shale and siltstones associated with the Middle Ordovician Lorraine, Trenton and Black River Groups (Fisher et al., 1970).

Hydrogeology

Based on measurements collected on October 1, 2020, groundwater is present depths of 3-15 ft bg across the Site. According to the October 2020 measurements, groundwater flow is mapped as flowing to the west-southwest across the Site at a hydraulic gradient of approximately 0.015 ft/ft. The groundwater levels recorded during the RI monitoring events are summarized on **Table 1** and a groundwater contour map depicting flow direction based on measurements collected on October 1, 2020 is included as **Figure 6**.

The closest operational public water supply wells are located at the Westmoreland Water District, approximately 3.5 miles west of the Site. Potable water at the Site and surrounding parcels is provided by a public water supply from the Hinckley Reservoir, located approximately 18 miles northeast of the Site.

3.0 STUDY AREA INVESTIGATIONS

Field work completed by HRP as presented in this RI was conducted in several mobilizations to the Site and included the following tasks:

- Installation of 55 soil borings including five soil borings installed within building interiors and 50 soil borings installed outside buildings and collection of 74 soil samples for Chlorinated Volatile Organic Compounds (CVOC) laboratory analysis (September 2020, May 2021, and September 2021);
- Installation and development of four overburden and two bedrock monitoring wells (September 2020);
- Collection of 38 groundwater samples from 20 monitoring wells for laboratory analysis for CVOCs in three sampling events (February 2020, June 2020, and October 2020); and
- Collection of 11 sub-slab soil vapor samples and three indoor air samples from the main manufacturing/office building, and collection of two outdoor air samples for VOC laboratory analysis (February and June 2020).

The investigation activities completed at the Site by HRP are summarized in the following sections by environmental media.

3.1 Utility Mark-out and Geophysical Survey

Prior to the initiation of all subsurface drilling activities (including the installation of monitoring wells and soil borings) the Site was marked out for utility clearances by New York 811 (NY811) in accordance with New York state law. In addition, since NY811 does not locate any on-site private utilities, a ground penetrating radar (GPR) and electromagnetic induction (EMI) survey of proposed soil boring and monitoring well locations was completed at the Site under HRP supervision in order to clear unmarked, underground utilities and identify subsurface anomalies (i.e., relic USTs, etc.) in the proposed work areas. The GPR/EMI survey was completed at the Site by Corbuilt, LLC (Corbuilt).

3.2 Soil Investigations

To evaluate CVOC impacts to subsurface soils, HRP conducted oversight of Glacier Drilling (Glacier) during the installation of all soil borings. Soil boring installations were completed in two mobilizations taking place in September 2020 and September 2021. Glacier installed soil borings using Geoprobe 54LT and Geoprobe 7822 DT drill rigs equipped with macrocore samplers advanced using direct push methods.

Soil boring locations were selected to evaluate identified RECs and AOCs and were based on previous soil, groundwater, and soil vapor data (collected by HRP and others). Five soil borings were installed within building interiors, including three borings installed within the interior of the main building (INT-SB-1, -2, -3) and two soil borings within the interior of the chemical storage building (INT-SB-4, -5). One exterior soil boring (OW-1) was completed using a clean stainless-steel shovel due to the presence of extensive vegetation in this area, which prevented drill rig access.

Soil boring locations are summarized in the table below. Soil boring locations are depicted on **Figures 7A** and **7B**.

SOIL BORING LOCATION SUMMARY		
Soil Boring ID	**Total Depth (ft bg)**	**Location/Justification**
EXT-NE-1	8 †	Outside of chemical storage building; area of CVOC impacts to GW (MW-15/15R)
EXT-NE-2	8	
EXT-NE-3	10	
EXT-NE-4	9 †	
EXT-NE-5	9 †	
EXT-NE-6	9.5 †	
EXT-NE-7	10 †	
EXT-NE-8	10 †	
EXT-NE-9	10 †	
MW-15R	11.5 †	
EXT-NW-1	8 †	Area of CVOCs impacts to GW (MW-7C)
EXT-NW-2	9 †	
EXT-NW-3	8 †	
EXT-SW-1	10	Area of CVOCs impacts to GW (MW-2, MW-8, RW-1)
EXT-SW-2	10	
EXT-SW-3	10	
EXT-SW-4	10	
EXT-SW-5	14 †	
EXT-SW-6	10	
EXT-SW-7	10 †	
EXT-SW-8	11 †	
EXT-SW-9	10.5 †	
EXT-SW-10	10 †	
EXT-SW-11	10.3 †	
EXT-SW-12	6.58 †	
EXT-SW-13	10.8 †	
EXT-W-1	10 †	
EXT-W-2	10 †	
EXT-W-3	8 †	
EXT-W-4	8 †	
EXT-W-5	9.33 †	
EXT-W-6	10 †	
FB-1	9.8 †	Former soil stockpiles east of chemical storage building; area of CVOCs impacts to GW (MW-2)
FB-2	14 †	
FB-3	10	
FB-4	10	
FDS-1	10	Former drum storage area, area of CVOC impacts to GW (MW-3, MW-4, MW-8)
FDS-2	10	
FDS-3	10	
FDS-4	10	
FDS-5	10	
FDS-6	10 †	
FDS-7	10	

SOIL BORING LOCATION SUMMARY		
Soil Boring ID	**Total Depth (ft bg)**	**Location/Justification**
FDS-8	10 †	
FDS-9	10 †	
INT-SB-1	4	Interior of main building; area of CVOC impacts to soil vapor (VP-5)
INT-SB-2	4	
INT-SB-3	8	Interior main building; area of CVOC impacts to soil vapor (VP-7)
INT-SB-4	8	Interior of chemical storage building; upgradient of CVOC impacts to GW (MW-15/15R)
INT-SB-5	8	
OW-1	2	Area of oil-water separator
HRP-BR-1*	7.5 †	Monitoring well installation downgradient of Site buildings (southwest)
HRP-2*	13 †	
MW-6BR*	13.5 †	
MW-11R*	17.5 †	Monitoring well installation downgradient of Site buildings (southeast)

Notes: *No soil samples collected; †Refusal depth of macrocore sampler

During soil boring installation, soil samples were logged and screened in 4-ft and 5-ft increments by an HRP geologist. Soil samples were logged by grain size, color, moisture, presence of fill material, and obvious physical evidence of contamination (i.e., odor, staining). A small portion (1-2 oz.) of each sample was placed in a polyethylene zip top bag and allowed to attain ambient temperature before Photo Ionization Detector (PID) headspace analysis. PID headspace analysis measurements and soil descriptions are presented on soil boring logs included in **Appendix A**.

A total of 74 soil samples were selected for CVOC laboratory analysis. The majority of the soil samples were collected from near surface depths (below pavement) in order to screen soils for CVOC impacts related to surface releases. Additional soil samples were collected from the saturated zone in order to screen soils for CVOC impacts related to subsurface releases. Soil samples were placed on-ice in appropriately labeled laboratory-supplied containers in accordance with standard chain-of-custody procedures and submitted to Con-Test Analytical Laboratory (Con-Test), an Environmental Laboratory Approval Program (ELAP) accredited laboratory. The soil samples were analyzed for VOCs using EPA method 8260.

3.3 Groundwater Investigations

Permanent monitoring wells MW-1 to MW-7C were installed in 1990 by GTI. Permanent monitoring wells MW-08 to MW-15 and RW-1 were installed by ERM between 1993 and 1995. Additionally, ERM installed two temporary monitoring wells TMW-1 and TMW-2 in the eastern area of the Site in 1995. During the 2020 investigation, HRP located MW-2, MW-3, MW-4, MW-6, MW-7B, MW-7C, MW-8, MW-9, MW-10, MW-12, MW-13, MW-14 and RW-1. HRP determined these wells were in good condition and were included during the groundwater sampling events. Monitoring well locations are depicted on **Figures 8A** and **8B**.

In order to better laterally and vertically delineate CVOC impacts to Site groundwater, HRP oversaw Glacier Drilling (Glacier) during the construction of four shallow overburden groundwater monitoring wells and two bedrock monitoring wells to supplement the existing network of monitoring wells.

Overburden Monitoring Well Installation

A total of four shallow permanent overburden groundwater monitoring wells (HRP-1, HRP-2, MW-11R, and MW-15R) were constructed by Glacier in September 2020. The overburden wells were installed using a truck-mounted CME-55 drill rig equipped with a hollow-stem auger. Monitoring wells MW-11R and MW-15R were constructed to replace existing wells which could not be located. MW-11R was installed to evaluate groundwater quality downgradient of previously identified impacts in the area southeast of the main building while MW-15R was installed to evaluate groundwater quality downgradient of the chemical storage building. Monitoring wells HRP-1 and HRP-2 were installed to evaluate groundwater quality downgradient of the main building. Monitoring well locations and the interpreted groundwater flow direction are depicted on **Figure 6**.

Monitoring wells were constructed of two-inch diameter, schedule 40 PVC solid well pipe riser and 10-slot screen, positioned to intercept the water table. The annular space around each well screen was backfilled with filter sand and sealed with bentonite. Each well was finished with a flush mounted protective cover. Well construction logs can be found in **Appendix A.**

Bedrock Monitoring Well Installation

Two permanent bedrock monitoring wells (HRP-BR-1 and MW-6BR) were installed by Glacier in September 2020. The bedrock monitoring wells were installed using a truck-mounted CME-55 drill rig equipped with a hollow-stem auger and a two-inch core barrel. HRP-BR-1 and MW-6BR were respectively paired with the shallow overburden monitoring wells HRP-1 and MW-6. Both wells were installed to evaluate groundwater quality in the bedrock aquifer downgradient of the main building. Monitoring well locations are depicted on **Figures 8A** and **8B**.

At each bedrock well the hollow-stem auger was advanced to bedrock refusal and a steel spin casing was installed 5-feet into bedrock and grouted in place. At bedrock well HRP-BR-1, a 4-inch diameter steel spin casing was used. At bedrock well MW-06BR, 4-inch and 5-inch double-lined steel spin casings were used. The grout was allowed to set for one day prior to completing the bedrock well installations. Once the grout set, 2-inch diameter rock core barrel was advanced fifteen feet into the competent rock in five-foot increments. Continuous core sections were retrieved for description, bedrock confirmation, and RQD. At each bedrock monitoring well two-inch diameter schedule 40 PVC solid well pipe riser and 10-slot screen were installed within the 4-inch diameter steel spin casing, positioned to intercept the water table. The annular space around each well screen was backfilled with filter sand and sealed with bentonite. Each well was finished with a flush mounted protective cover. Well construction logs can be found in **Appendix A.**

Monitoring Well Sampling

All of the newly installed wells were developed in accordance with ASTM standard Guide D 5521 at least 24 hours after installation and at least 7 days prior to sampling. Three rounds of groundwater sampling were performed at the Site in February 2020, June 2020, and October 2020. During the February 2020 and June 2020 events, sampling was performed at 14 existing monitoring wells. During the October 2020 event, sampling was performed at a total of 10 monitoring wells including the six newly installed monitoring wells and four existing monitoring wells. Prior to the sampling

event conducted in October 2020, depth to water measurements were recorded from Site monitoring wells for the purpose of developing a groundwater contour map. Groundwater elevations were measured relative to an arbitrary elevation of 100.00 using survey data from historical reports. Groundwater elevation data is presented in **Table 1** and a groundwater contour map is presented in **Figure 6**.

Groundwater monitoring wells were sampled in general accordance with Environmental Protection Agency (EPA) low-flow techniques. Depth to water and water quality indicator parameters were measured and recorded on low-flow sampling logs included in **Appendix A**. Groundwater samples were collected after the readings of the water quality parameters had stabilized over time within the following prescribed ranges (percent change, ΔX%, or relative change, ΔX):

- Water depth, Δ0.3 feet,
- pH, Δ0.1S.U.,
- Temperature, Δ3%,
- Specific conductivity, Δ3%,
- Oxidation Reduction Potential (ORP), Δ10mV,
- Dissolved Oxygen (DO), Δ10%, and
- Turbidity, Δ10%.

Groundwater samples were placed in laboratory-provided and preserved bottle ware, stored on ice in coolers, and submitted under proper chain-of-custody to Con-Test. Each groundwater sample was analyzed for CVOCs via EPA Method 8260. Additionally, groundwater samples collected during the June, 2020 sampling event from MW-02, MW-03, MW-04 and MW-08 were analyzed for the CP-51 list VOCs via EPA Method 8260C-D and CP-51 list SVOCs via EPA Method 8270D-E.

The groundwater samples collected for laboratory analysis are listed in the table below. During the initial sampling event conducted in February 2020, monitoring wells MW-01 and MW-07A were determined to have been destroyed. Monitoring wells MW-11 and MW-15 were could not be located during the February 2020 sampling event and were therefore replaced by MW-11R and MW-15R as described above. Monitoring well locations are depicted on **Figures 8A** and **8B**.

GROUNDWATER SAMPLING SUMMARY				
Monitoring Well ID	**Screen Setting (ft bg)**	**Sample Location**	**Justification**	**Sample Date(s)**
MW-2	2-14	East of compressor building	Evaluate groundwater in area of former soil stockpiles; downgradient of existing WWTP and chemical storage building	2/13/20; 6/2/20; 10/1/20
MW-3	2-14	Southeast of manufacturing building	Evaluate groundwater in area of documented CVOC impacts	2/13/20; 6/2/20; 10/1/20

GROUNDWATER SAMPLING SUMMARY				
Monitoring Well ID	**Screen Setting (ft bg)**	**Sample Location**	**Justification**	**Sample Date(s)**
MW-4	2-14	Southeast of manufacturing building	Evaluate groundwater in former drum storage area; area of documented CVOC impacts	2/13/20; 6/2/20; 10/1/20
MW-5	2-14	West of manufacturing building	Evaluate groundwater downgradient of manufacturing building (West)	2/13/20; 6/2/20; 10/1/20
MW-6	2-12	South of manufacturing building	Evaluate groundwater downgradient of manufacturing building (South)	2/13/20; 6/2/20
MW-6BR	18.75-28.75	South of manufacturing building	Evaluate bedrock aquifer groundwater downgradient of manufacturing building (South)	10/1/20
MW-7B	4-9	Cleared area west of parking lot	Evaluate groundwater downgradient of oil water separator, former WWTP	2/13/20; 6/2/20
MW-7C	4-9	Cleared area west of parking lot	Evaluate groundwater downgradient of oil water separator, former WWTP	2/13/20; 6/2/20
MW-8	4-14	Southeast of manufacturing building	Evaluate groundwater in former drum storage area	2/13/20; 6/2/20
MW-9	8.6-18.6	Southeast of manufacturing building	Evaluate groundwater in former drum storage area	2/13/20; 6/2/20
MW-10	3-6	North of manufacturing building	Evaluate groundwater upgradient of manufacturing building	2/13/20; 6/2/20
MW-11R	7.5-17.5	South of manufacturing building	Evaluate groundwater downgradient of manufacturing building (South)	10/1/20
MW-12	3-11	At southwestern Site boundary with residences (8243 & 8249 Halsey Road)	Evaluate groundwater downgradient of Site; former WWTP; upgradient of residences	2/13/20; 6/2/20

GROUNDWATER SAMPLING SUMMARY				
Monitoring Well ID	**Screen Setting (ft bg)**	**Sample Location**	**Justification**	**Sample Date(s)**
MW-13	5-10	West of parking lot near oil/water separator	Evaluate groundwater in area of oil water separator, impacts related to Site stormwater	2/13/20; 6/2/20
MW-14	7-17*	In cleared area east of Site buildings, driveways, and storage areas	Evaluate groundwater downgradient of former soil stockpile area, existing WWTP, and chemical storage building	2/13/20; 6/2/20
MW-15R	4-11	East of manufacturing building	Evaluate groundwater downgradient of chemical storage building	10/1/20
RW-1	6-16*	Southeast of manufacturing building	Evaluate groundwater in former drum storage area	2/13/20; 6/2/20
HRP-1	2.5-7.5	At southwestern Site boundary with residences (8243 & 8249 Halsey Road)	Evaluate groundwater downgradient of Site; former WWTP; upgradient of residences	10/1/20
HRP-2	2.5-12.5	West of entrance to manufacturing building, guard house	Evaluate groundwater downgradient of the Site building (Southwest)	10/1/20
HRP-BR-1	15.5-25.5	At southwestern Site boundary with residences (8243 & 8249 Halsey Road)	Evaluate bedrock aquifer groundwater downgradient of Site; former WWTP; upgradient of residences	10/1/20

Notes: *Screen interval not available from historical reports; estimated based on measured total well depth.

3.4 Soil Vapor Investigations

HRP completed a soil vapor survey in order to evaluate if the historical CVOC groundwater impacts had adversely impacted the air quality within the Site manufacturing/office building. The soil vapor survey consisted of the collection of a total of 16 air samples including 11 sub-slab soil vapor samples, three indoor ambient air samples, and two outdoor ambient air samples. An initial round of soil vapor sampling was conducted in February 2020, consisting of the collection of five sub-slab vapor samples, three indoor ambient air samples, and two outdoor ambient air samples. Based on the initial soil vapor sampling results, five additional sub-slab soil vapor samples were collected in June 2020. Sub-

slab sample locations VP-5, VP-8 and VP-10 were located in close proximity to the 3 former degreasers.

All soil vapor and ambient air samples were collected using 6-liter summa canisters outfitted with 4-hour regulators. Each sample was submitted under chain of custody to Con-Test to be analyzed for the full list of VOCs by EPA Method TO-15. SVI sampling logs, including sample start and stop times and canister pressures, are presented in **Appendix A**. SVI sampling locations are depicted on **Figure 9**.

Each soil vapor point was installed using a hammer drill to advance a ¼-inch diameter hole through the concrete slab and into sub-slab soil. Teflon or nylon-lined tubing was inserted into the drill hole, backfilled using glass beads, and sealed at the slab surface using bentonite or modeling clay. Prior to soil vapor sample collection, each vapor point was purged using a PID and a tracer gas test was performed using helium gas and a helium gas detector to test the integrity of the vapor point seal.

Soil vapor and ambient air samples are summarized on the table below.

SOIL VAPOR INTRUSION SAMPLING SUMMARY		
Sample ID	**Location**	**Justification**
VP-1	Water treatment area, northeast portion of main building (collected 2/13/2020)	Evaluate potential soil vapor impacts in northeast portion of main building
VP-2	Spray booth, northwest portion of main building (collected 2/13/2020)	Evaluate potential soil vapor impacts in northwest portion of main building
VP-3	Manufacturing area, east-central portion of main building (collected 2/13/2020)	Evaluate potential soil vapor impacts in east-central portion of main building
VP-4	Tool room, southeast portion of main building (collected 2/13/2020)	Evaluate potential soil vapor impacts in southeast portion of main building
VP-5	Main production floor, power form area, southwest portion of main building (collected 2/13/2020)	Evaluate potential soil vapor impacts in southwest portion of main building
VP-6	Manufacturing area, northeast portion of main building (collected 6/2/2020)	Evaluate potential soil vapor impacts in northeast portion of main building
VP-7	Manufacturing area, central portion of main building (collected 6/2/2020)	Evaluate potential soil vapor impacts in western portion of main building
VP-8	Manufacturing area, west-central portion of main building (collected 6/2/2020)	Evaluate potential soil vapor impacts in northwestern portion of main building
VP-9	Manufacturing area, south-central portion of main building (collected 6/2/2020)	Evaluate potential soil vapor impacts in south-central portion of main building

SOIL VAPOR INTRUSION SAMPLING SUMMARY		
Sample ID	**Location**	**Justification**
VP-10	Locker room, southern portion of main building (collected 6/2/2020)	Evaluate potential soil vapor impacts in southern portion of main building
VP-11	Manufacturing area, southeast portion of main building (collected 6/2/2020)	Evaluate potential soil vapor impacts in southeast portion of main building
INT-1	Manufacturing area, north-central portion of building (collected 2/13/2020)	Evaluate indoor air quality in manufacturing area, north-central portion of building
INT-2	Manufacturing area/inspection area, southeastern portion of main building (collected 2/13/2020)	Evaluate indoor air quality in manufacturing area, southeastern portion of building
INT-3	Office area, southern portion of main building (collected 2/13/2020)	Evaluate indoor air quality in office area, southern portion of building
EXT-UP	West of main building entrance on Gibson Road	Evaluate air quality upwind of the Site buildings/operations
EXT-DOWN	East of compressor building	Evaluate air quality downwind of the Site buildings/operations

3.5 Ecological Investigations

HRP reviewed the NYSDEC ERM online tool to identify fish and wildlife resources within a one-half mile radius of the Site. Specifically, HRP reviewed the following ERM data layers applicable to the Site FWRIA:

- Waterbody Classifications for Rivers/Streams;
- Waterbody Classifications for Lakes;
- Sate Regulated Freshwater Wetlands;
- National Wetlands Inventory;
- Significant Natural Communities; and
- Rare Plants or Animals.

In addition, HRP conducted a review of available USGS topographic maps and aerial imagery of the Site to identify areas within a half-mile radius that may provide habitat for local flora and fauna including woodlands, fields, tidal and freshwater wetlands, and streambeds. Field reconnaissance at the Site and surrounding area was also performed as part of on-site field work.

A topographic map showing fish and wildlife resource features within one-half mile of the Site is depicted on **Figure 4**.

4.0 DISCUSSION OF RESULTS

To identify the nature and extent of CVOC impacts at the Site, HRP submitted soil, groundwater, and air samples to Con-Test, an ELAP certified laboratory, for CVOC analysis. Laboratory results are included in **Appendix B**. Detected chemical compounds in the various media sampled as part of the RI and the analytical results are presented in **Tables 2** through **4**.

Compounds detected in the various media tested during this RI were compared to the following New York State standards, criteria, and soil guidance values (SCGs):

- NYSDEC Regulation, 6 NYCRR Subpart 375-6, "Remedial Program Soil Cleanup Objectives" which applies to the development and implementation of the remedial programs for soil and other media set forth in subparts 375-2 through 375-4 [Inactive Hazardous Waste Disposal Site Remedial Program, Brownfield Cleanup Program, and Environmental Restoration Program] and includes the soil cleanup objective tables developed pursuant to ECL 27-1415(6).

- To be consistent with the current use of the Site as an industrial metal parts manufacturer soil analytical results for this investigation were compared against NYSDEC 6 NYCRR Part 375-6 Unrestricted Use (UU), Protection of Groundwater (PGW), Commercial Use (CU), and Industrial Use (IU) Soil Cleanup Objectives (SCOs). It should be noted that UUSCOs and PGWSCOs are equivalent for each of the CVOCs detected in Site soils.

- NYSDEC Division of Water Technical and Operational Guidance Series (TOGS 1.1.1); Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations dated October 1993; Revised June 1998; ERRATA Sheet dated January 1999; Addendum dated April 2000; and Proposed Addendum dated 2021.

4.1 Subsurface Soil

Nature and Extent of Impacts

CVOCs were not detected at concentrations exceeding IUSCOs in any of the soil samples collected. CVOCs, including TCE, cis-1,2-DCE, and vinyl chloride, were detected at concentrations exceeding UU/PGW SCOs in 19 of the 74 soil samples collected. CVOCs were detected above laboratory reporting limits in 43 of the 74 soil samples collected. Soil sampling analytical results are presented on **Table 2**. Soil boring locations are depicted on **Figure 7A** and soil sample results for CVOCs exceeding UU/PGW SCOs are depicted on **Figure 7B**. A discussion of the analytical soil sample results collected from the individual study areas is presented below.

Chemical Storage Building

HRP collected 2 soil samples from within the chemical storage building and 18 samples from the immediate area outside of the building. All of the indoor soil samples had CVOC concentrations below UUSCOs. Five of the 18 outdoor soil samples had detected concentrations of CVOCs above the UUSCOs. The detected compounds included TCE (ND – 1,300 ug /kg), cis-1,2-DCE (ND – 19,000

ug/kg), trans-1,2-DCE (ND – 1,100 ug/kg) and vinyl chloride (ND – 1,200 ug/kg). No soil samples collected near the chemical storage building had detected concentrations of CVOCs above the CUSCOs.

Compressor Building

Soil samples were collected in 1993 by ERM on the west side of the compressor building, in the area of the former waste oil USTs and above ground solvent recycling tank (described in section 1.5). These soil samples were reportedly non-detect for VOCs and PCBs. TPH and metals were detected in multiple soil samples in this area of the Site. Sample BB-05A (0-0.5 ft bg) has a reported TPH concentration of 95,500 mg/kg. Based on the TPH results and reported surface soil staining, ERM stated that discrete areas of soil were impacted with petroleum, but this region of the Site was not indicative of a CVOC source area. The concentrations of metals in these soil samples are consistent with the Oneida County background concentration values published by the NYSDEC in Appendix D: Concentrations of Selected Analytes in rural New York State Surface Soils. The TPH sample results prompted additional soil sampling near the compressor building (described in section 1.5). Approximately 110 yards of TPH impacted soil was excavated from the eastern area of the compressor building and were disposed offsite as non-hazardous waste. ERM stated the post excavation soil samples were below the TAGM 4046 TPH cleanup goal of 500 mg/kg. The excavated area was lined with geotextile fabric and backfilled to grade with clean fill. The five soil samples collected by HRP on the east side of the compressor building completed the delineation of this area of the Site. No samples collected from this area of the Site had detected VOCs in exceedance of the UUSCOs and no staining was observed.

Ten soil samples were collected from the paved area to the south of the compressor building during the 2020 investigation. All samples had detected concentrations of CVOCs above the UUSCO with the exception of EXT-W-1 (2-4ft bg), located near the southwest corner of the compressor building. The shallow soil samples (1-4 ft bg) in this paved area collected from EXT-W-2 (1-3 ft bg), EXT-W-3 (2-4 ft bg) and EXT-W-4 (2-4 ft bg) had detected TCE concentrations (1,900 ug/kg, 1,400 ug/kg, and 500 ug/kg, respectively) above the UUSCOs. The deeper soil samples (5-8 ft bg) collected from EXT-W-3 (5-7 ft bg), EXT-W-5 (6-8 ft bg) and EXT-W-6 (5-7 ft bg) had detected TCE concentrations (520 ug/kg, 6,400 ug/kg, and 4,400 ug/kg, respectively) above the UUSCOs. The deeper sample interval for EXT-W-4, collected at a depth of 5-7 feet, had a TCE concentration below the UUSCO. None of the concentrations were above the CUSCOs.

Former Drum Storage Area

ERM collected subsurface soil samples in the former drum storage area during the 1993 and 1995 investigations (described in Section 1.5). The VOC, SVOC and TPH results from the soil samples indicated that the subsurface in the drum storage area had been impacted by a surface release of waste oil containing chlorinated solvents. ERM excavated 240 cubic yards of impacted soil and transported the material offsite for disposal as hazardous waste. Confirmatory samples collected post excavation collected from the west wall of the excavation had reported concentrations of TPH above the cleanup objective. These soils were left in place as they could not be safety removed due to Site equipment and structures near the excavation. The excavation was lined with geotextile

fabric to indicate the boundaries of the excavation. The area was then backfilled with clean fill and brought up to grade with gravel.

HRP collected multiple soil samples to complete the delineation of subsurface soil CVOC impacts in the former drum storage area. All soil samples collected along the accessible boundaries of the former drum storage area were below the VOC UUSCOs. Samples collected within the excavated portion of the drum storage area were also below the VOC UUSCOs. In total, 14 soil samples collected east and north of the former drum storage area had detected concentrations of COVCs above the UUSCOs. One sample, EXT-SW-10 (6-8 ft bg), had a detected concentration of TCE (380,000 ug/kg) in exceedance of the CUSCOs but below the IUSCOs.

Former Wastewater Treatment Plant

The former wastewater treatment plant was investigated, remediated, and demolished by ERM in 1995 (described in section 1.5). During the 2020 investigation HRP collected four soil samples from the area of the former WWTP. Samples EXT-NW-1 (1-3 ft bg), EXT-NW-2 (1-3 ft bg), and EXT-NW-3 (1-3 ft bg) were non-detect for VOCs. Sample EXT-NW-2 (5-7 ft bg) had a detected concentration of cis-1,2-DCE (200 ug/kg), below the UUSCO. Sample EXT-NW-2 (5-7 ft bg) was partially saturated due to the shallow depth to groundwater.

Oil Water Separator

ERM had investigated the sediment on the influent and effluent sides of the oil water separator and reported that it was performing at an adequate level. The OWS was cleaned and upgraded following a spill in 1995, detailed in section 1.5. During the 2020 investigation, HRP collected a surface soil sample (OWS-1 [0-2 ft bg]) from the areas immediately down gradient of the OWS. The sample was non-detect for VOCs.

Fate and Transport

Based on field observations and laboratory analytical results, the CVOC impacts identified in Site soils are not indicative of a source area or source material as defined by 6 NYCRR Part 375. No grossly contaminated soils (in the form of stained soils, elevated PID readings, or odors), non-aqueous phase liquids (NAPL), or solid/semi-solid hazardous substances were observed in Site soils during boring installation.

Chemical Storage Building

The five soil samples with CVOC concentrations in exceedance of the UUSCOs were collected at depths ranging from 5 to 11.5 ft bg, all of which are below the groundwater table (3.25 ft bg), as measured in MW-15R. The shallowest depth to water, measured on 7/23/1997, near the chemical storage building was 1.58 ft bg (MW-15/MW-15R). Neither the indoor samples, nor the samples collected immediately downgradient of the chemical storage building (INT-SB-4, INT-SB-5, EXT-NE-1, EXT-NE-2 and Ext-NE-4) had detected concentrations of CVOCs above the UUSCOs. These results indicate that the chemical storage building is not a likely source of the residual CVOC impacts detected in soil located in the immediate area around MW-15R. Sample EXT-NW-8 (8-10 ft bg) was

the only sample with a detected concentration of TCE (1,800 ug/kg) above the UUSCO. Sample EXT-NE-8 (3-5 ft bg) was collected at the groundwater interface above EXT-NE-8 (8-10 ft bg) and was non-detect for all VOC compounds. These results are not indicative of a surface release of chlorinated solvents. The likely source of the residual CVOC soil impacts is the limited cross gradient movement of dissolve phase CVOC groundwater impacts may be originating from the former drum storage area or paved area south of the compressor building.

Compressor Building

All soil samples collected from the east side of the compressor building during the 2020 investigation were either non-detect or had detected CVOC concentrations below the UUSCOs, likely due to the 1995 excavation performed by ERM in this area of the Site. The aerial and vertical distribution of CVOC soil detections in the paved area, south of the compressor building, are indicative of residual impacts related to a historical surface release of chlorinated solvents, likely in the area between EXT-W-2, EXT-W-3, and EXT-W-5. The compressor building is not the likely source of the residual CVOC impacts in this area of the Site. Three of the four samples closest to the southern portion of the compressor building, (EXT-W-1 [2-4 ft bg], EXT-W-4 [5-7 ft bg], and FB-1 [3-5 ft bg]) all had detected concentrations of TCE below UUSCOs. EXT-W-4 (2-4 ft bg) had a detected TCE concentration of 500 ug/kg, slightly above the UUSCO value of 470 ug/kg. This area of CVOC impacted soil has been fully delineated and soil samples collected in all accessible locations around the boundary of this paved area have CVOC concentrations below the UUSCOs.

Former Drum Storage Area

CVOC impacts to soil in the former drum storage area were largely confined to the saturated zone, indicating concentrations of CVOCs detected in subsurface soils are related to residual and historical groundwater impacts and not an active source. The shallowest depths to water near the former drum storage area were 3.91 ft bg (MW-8 – measured on 1/30/1996), 4.87 ft bg (MW-9 – measured on 1/30/1996) and 6.31 ft bg (MW-04 – measured on 10/20/1995). Soil impacts observed above the water table may be attributed to CVOCs in groundwater which have sorbed to soils through fluctuation of the groundwater table (i.e., groundwater smear zone). While some CVOC impacts were observed in soils above the water table, CVOC concentrations were generally greater in soils from the saturated zone. Soil samples collected from EXT-SW-10 (6-8 ft bg and 8-10 ft bg), which contained the highest TCE soil concentrations (380,000 ug/kg and 150,000 ug/kg, respectively) were collected from depths that are periodically below the groundwater table. There is no indication that CVOC impacts detected in onsite soils near the former drum storage area are migrating to the groundwater. Groundwater samples collected from wells located within and downgradient of the former drum storage area show a significant decrease in CVOC concentrations between 1996 (post groundwater pump and treat system installation) and 2020. The groundwater results for the former drum storage area are provided below. The residual CVOC impacted soil does not appear to represent an ongoing source of CVOC groundwater contamination.

Former Wastewater Treatment Plant

Based on the soil samples collected from the former WWTP, this area is not considered to be an active source of CVOCs. The shallow soil samples were non-detect for CVOCs and the deeper soil

sample (EXT-NW-2 [5-7 ft bg]) had detected CVOC concentrations below the UUSCOs. Sample EXT-NW-2 (5-7ft bg) was collected at a depth that was periodically below the groundwater table. The shallowest depths to water near the former WWTP were 3.37 ft bg (MW-7A – measured on 9/27/93), 3.57 ft bg (MW-7B – measured on 4/23/1997) and 4.16 ft bg (MW-7C – measured on 1/30/1996). The trace residual CVOC soil detections likely represent residual CVOC groundwater impacts related to the former sludge pits.

Oil Water Separator

Based on all available data collected to date, the soil in the area of the OWS is not impacted with CVOCs.

4.2 Groundwater

Nature and Extent of Impacts

CVOCs were detected in exceedance of TOGS 1.1.1 Class GA criteria in 16 of 38 groundwater samples collected. CVOCs including 1,1,1-trichloroethane (1,1,1-TCA), 1,1-dichloroethane (1,1-DCA), trans-1,2-dichloroethylene (trans-1,2-DCE), tetrachloroethylene (PCE), TCE, cis-1,2-DCE, and vinyl chloride. CVOCs were not detected above the Class GA criteria in either of the bedrock monitoring wells (HRP-BR-1 and MW-6BR), and the overburden monitoring wells (HRP-1, HRP-2, MW-06, MW-11R and MW-12) located downgradient of the Site building. All groundwater samples collected during the June 2020 sampling event were non-detect for the CP-51 non-chlorinated VOCs and aromatic SVOCs. Sampling analytical results are presented on **Table 3** and groundwater sampling locations are depicted on **Figure 8A**. The extent of CVOC concentrations exceeding TOGS 1.1.1 Class GA criteria is depicted on **Figure 8B**. A discussion of the analytical groundwater sample results, collected from wells located within the individual study areas, is presented below.

Chemical Storage Building

ERM installed MW-15 to assess the groundwater conditions downgradient of the chemical storage building. MW-15 was last sampled on 7/21/1997 and the groundwater sample had reported concentrations of TCE (30 ug/L) trans-1,2-DCE (31 ug/L) and vinyl chloride (400 ug/L). The reported total VOC concentrations and ratio of TCE to vinyl chloride in MW-15 remained relatively constant from 1995-1997. A temporary well, TMW-2, installed and sampled during the 1995 ERM investigation (described in section 1.5) was located adjacent to the southern side of the chemical storage building, directly upgradient of MW-15 (**Figure 2B**). This temporary well was reportedly non-detect for all VOCs. HRP was unable to locate MW-15 and installed MW-15R as a replacement during the 2020 investigation. The groundwater sample collected from MW-15R on 10/2/2020 was non-detect for TCE, and had detected concentrations of cis-1,2-DCE (3,800 ug/L) and vinyl chloride (1,300 ug/L). MW-15/MW-15R is the only well location that has shown an increase in degradation compound-CVOC concentrations compared to previous data; however, parent compound CVOcs (e.g., 1,1,1-TCA, PCE and TCE) were not detected.

Compressor Building

Groundwater CVOC concentrations in MW-02 have remained stable since 1997 and have likely reached asymptotic levels. According to the groundwater flow interpretation, shown on **Figure 6**, MW-02 is located upgradient of the compressor building and the paved area south of the compressor building and MW-14 is located cross-gradient of the compressor building. Historically, groundwater samples collected from MW-2 had reported concentrations of TCE, cis-1,2-DCE and vinyl chloride above the class GA groundwater criteria. The initial groundwater sample collected by ERM on 9/27/1993 had reported concentrations of TCE (1,300 ug/L), cis-1,2-DCE (8,800 ug/L) and vinyl chloride (380 ug/L). The groundwater pump and treat system was installed and operated on the Site from 1996 to 1999. MW-02 was directly upgradient of the groundwater treatment system. ERM last sampled MW-2 on 7/21/1997 and the groundwater sample had reported concentrations of TCE (48 ug/L). The groundwater samples collected by HRP on 10/2/2020 had detected concentrations of TCE (8.8 ug/L), cis-1,2-DCE (58 ug/L) and vinyl chloride (27 ug/L). The groundwater sample collected on 6/2/2020 from MW-02 was non-detect for all CP-51 non-chlorinated VOC and aromatic SVOC compounds. Groundwater samples collected from MW-14 have consistently been non-detect for VOCs.

Former Drum Storage Area

Groundwater CVOC concentrations in wells located in the former drum storage area (MW-04, MW-08, MW-09 and RW-1) and downgradient well MW-03, have also remained stable since 1997 and have likely reached asymptotic levels. Historically, groundwater samples collected from MW-03, MW-04, MW-08 and RW-1 wells had reported concentrations of primarily TCE, and other CVOCs above the class GA groundwater criteria.

Well ID	Total CVOC concentration (1997) (ug/L)	Total CVOC concentration (2020) (ug/L)
MW-03	135.7	123.9
MW-04	870	82.7
MW-08	11,000	8.2
MW-09	ND	ND
RW-1	43,000	1.1

Groundwater samples collected in 2020 from MW-03, MW-04, and MW-08 have concentrations of TCE above the Class GA criteria. The samples collected from MW-03 and MW-04 had additional CVOC compounds at detected concentrations above the Class GA criteria. The groundwater samples collected on 6/2/2020 from MW-03, MW-04 and MW-08 were non-detect for all CP-51 non-chlorinated VOC and aromatic SVOC compounds. All 2020 groundwater sample results are presented in **Table 3**. The groundwater samples collected on 6/2/2020 from RW-1 had a detected concentration of TCE of 1.1 ug/L, which is below the Class GA criteria. Groundwater samples collected from MW-09 have consistently been non-detect for VOCs.

Oil water Separator

Groundwater samples collected from MW-13, located in close proximity to the OWS, were reportedly non-detect for VOCs during each sampling event completed between 1993 and 1996. The groundwater samples collected during the 2020 investigation were also non-detect for VOCs. Based on all data collected to date, the groundwater in the area of the OWS was not impacted by VOCs.

Former Wastewater Treatment Plant

Following the demolition of the WWTP, ERM collected groundwater samples periodically from MW-7A, MW-7B and MW-7C from 1995 to 1997. MW-7A and MW-7C were non-detect for VOCs during each groundwater sampling event from 1995 to 1996. On 4/23/1997 ERM collected the final groundwater sample from MW-7B. The sample had reported detections of TCE (12 ug/L) and vinyl chloride (62 ug/L). HRP collected samples from MW-7B and MW-7C during the 2020 site investigation. MW-7A was not located during the investigation. The TCE and cis-1,2-DCE concentrations were detected above TOGS 1.1.1 Class GA criteria in MW-7C.

Downgradient Overburden and Bedrock Groundwater

Groundwater samples collected from downgradient overburden monitoring wells HRP-1, HRP-2, MW-06, MW-12, and MW-11R had concentrations that were below the class GA criteria for all analyzed VOC compounds. Groundwater samples collected from all onsite bedrock wells (MW-6BR and HRP-BR-1) were non-detect for all analyzed VOC compounds.

Fate and Transport

Based on laboratory analytical results from the three 2020 groundwater sampling events, CVOC impacts are not migrating downgradient of the Site through the overburden or bedrock aquifers. The TCE concentrations in groundwater have significantly decreased across the entire Site. Other CVOC concentrations related to the breakdown of TCE (cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride) have significantly decreased in the majority of onsite monitoring wells.

Chemical Storage Building

The 2020 groundwater sample results indicate that the TCE groundwater impacts have degraded to its daughter products (1,2-cis-DCE and vinyl chloride). No shallow soil samples above the water table (0-3 ft bg) in the northeast portion of the Site had detected COVC concentrations above the UUSCOs, indicating no evidence of a localized surface release of chlorinated solvents in this area. The groundwater sample collected in 1995 from TMW-2, occurred before the groundwater pump and treat system was active and represents the onsite groundwater conditions before the CVOC source was remediated. The non-detect groundwater sample from TMW-2, located directly downgradient from the chemical storage building and upgradient from MW-15 delineates the northeastern boundary of the CVOC groundwater impacts. The reported results from TMW-2 and the soil samples collected by HRP in 2020 show that the chemical storage building is not a source of CVOC subsurface impacts. The reduction in TCE (from 39 ug/L to ND) indicates current CVOC groundwater concentrations are indicative of residual groundwater impacts and not an ongoing source.

Limited cross gradient migration of the dissolved phase CVOC groundwater plume, likely originating from the southeast source areas, has impacted the soil and groundwater near MW-15R. The area around MW-15R has periodically been hydraulically downgradient of the CVOC source area due to seasonal variations in groundwater elevations observed between 1993 and 2020. As indicated above, MW-15/MW-15R is the only well location that has shown an increase in CVOC concentrations for degradation-related constituents compared to previous data. The groundwater sample collected from MW-15R on 10/2/2020 represents the first and only sample collected from the well post installation/development. When the groundwater field parameters stabilized for MW-15R during the October 2020 sample event, the turbidity was recorded as 60 NTU. All other wells that were sampled during that event had recorded turbidities of 5-10 NTU across the Site. The soil samples collected from the MW-15R boring (MW-15R [8-10 ft bg] and MW-15R [10-11.5 ft bg]) (both depths below the groundwater interface in this area of the Site which is 3.25 ft bg) had detected concentrations of cis-1,2-DCE and vinyl chloride above the UUSCOs and laboratory reporting limit respectively. Therefore, the suspended solids in the relatively turbid groundwater sample collected from MW-15R may have contributed to the groundwater CVOC concentrations detected. A groundwater sample with lower turbidity could potentially have lower CVOC concentrations. MW-15R should be re-developed prior to any additional sampling, to determine if the cis-1,2-DEC and vinyl chloride concentrations are representative of current aquifer conditions. MW-15R represents the northern boundary of the CVOC plume, and the plume does not appear to have migrated past the northern side of the main manufacturing building. Based upon existing field data, the groundwater samples collected from MW-01 and MW-10, located cross-gradient of MW-15R, were consistently reported as non-detect for VOCs from 1993-1996. Groundwater samples collected from MW-10 on 2/13/2020 and 6/2/2020 during the 2020 investigation were both non-detect for VOCs. HRP could not locate MW-01 during the 2020 investigation.

Compressor Building

The detected TCE concentration in MW-02 has decreased from 48 ug/L in 1997 to 8.8 ug/L in 2020 and indicates that no CVOC source material is likely present in the vicinity of the compressor building based upon existing data. The concentrations of cis-1,2-DCE and vinyl chloride detected in each of the three sampling events conducted by HRP in 2020 also show a steady decrease in CVOCs. The sample results indicate that CVOCs in groundwater are naturally attenuating via the natural degradation of TCE and its daughter products. The CP-51 VOC and SVOC non-detect groundwater sample results further support the current CSM that residual soil impacts are not partitioning to the onsite groundwater. Soil historically impacted with TPH in this area of the Site was remediated to the TAGM 4046 standard of 500 mg/kg. Residual TPH soil impacts at concentrations below 500 mg/kg may be present in this region of the Site, however no petroleum related compounds were detected in the groundwater sample collected from MW-02. The 2020 CP-51 VOC and SVOC MW-02 groundwater sample results are in good agreement with groundwater samples collected by ERM from 1995-1997 which were also consistently non-detect for all non-chlorinated VOC compounds.

Former Drum Storage Area

The groundwater samples collected from wells located within the former area of influence of the pump and treat system and associated subsurface trench had a four-order-of-magnitude decrease in CVOC concentrations since 1997. The total COVC concentration detected in RW-1 decreased from

43,000 ug/L to 1.1 ug/L over a 23-year period (1997-2020). The analytical groundwater results do not indicate that the residual CVOC soil impacts in the former drum storage area are being partitioned to groundwater. The total CVOC concentrations in monitoring wells located in the immediate area down/cross gradient of the EXT-SW-10, (MW-04, MW-08, MW-09 and RW-1) have either significantly decreased or have remained non-detect. The groundwater results strongly suggest that the CVOC impacts are being attenuated via reductive dechlorination and will likely continue to decrease over time due to the absence of an ongoing CVOC source.

There is no evidence of petroleum related groundwater impacts in the former drum storage area. Historically, all wells in the former drum storage area were consistently non-detect for non-chlorinated VOCs. The CP-51 VOC and SVOC groundwater samples collected from MW-03, MW-04 and MW-08 were also non-detect. These historical and recent groundwater results indicate that the petroleum impacts observed near the former USTs on the west side of the compressor building were limited to the surface soils and do not indicate a significant petroleum release.

Oil Water Separator and Former WWTP

The groundwater samples collected from MW-13, located immediately downgradient of the OWS indicate that this region of the Site is not adversely impacted by CVOCs. The CVOC detected concentrations in samples collected from MW-7C do not appear to be related to the CVOC impacts identified in the area east of the Site building. This is supported by multiple rounds of samples from MW-7B and MW-13 (located between MW-7C and the Site building) in which CVOCs were not detected. Trace amounts of chlorinated solvents may have reached the former WWTP and could have been released to the subsurface via the sludge drying pits. The WWTP was remediated in 1995 by ERM and any potential CVOC source material was likely removed during the demolition of the sludge pits. The residual CVOC impacts detected in groundwater samples collected from MW-7C are not indicative of an ongoing source and are unlikely to migrate off-site based upon existing data.

Downgradient Overburden and Bedrock Groundwater

All groundwater samples collected from the overburden monitoring wells located downgradient of the main Site building (MW-06, MW-11R, MW-12, HRP-1 and HRP-2) and all bedrock wells (HRP-BR-1 and MW-06-BR) showed no evidence of CVOC impacts. Groundwater samples collected during previous investigations (1993-1997) from MW-06, MW-11 and MW-12 have consistently been reported as non-detect for VOCs. These results indicate that no offsite migration of CVOCs has occurred based upon existing data.

4.3 Soil Vapor

Nature and Extent of Impacts

VOCs were detected in each of the 16 air samples collected including the 11 sub-slab soil vapor samples, three indoor ambient air samples, and two outdoor ambient air samples. For the 2/2020 SVI sampling event, TCE and cis-1,2-DCE were detected at concentrations of 140 micrograms per cubic meter (µg/m^3) and 36 µg/m^3 respectively in soil vapor sample VP-5 and 0.8 and 1 µg/m^3 in VP-1. Samples VP-1 and VP-5 were collected from active manufacturing areas. For the 6/2020 SVI

sampling event, TCE was detected at a concentration of 1.1 µg/m^3 in sample VP-10. Sample VP-10 was collected from the office area. TCE and cis-1,2-DCE were not detected in any other soil vapor samples. TCE was detected at a concentration of 2.3 µg/m^3 in indoor air sample INT-3, located in the same office area as VP-10. TCE and cis-1,2-DCE were not detected for any other indoor air samples. Vinyl chloride was not detected in any of the air samples collected. Soil vapor sample results are presented on **Table 4** and soil vapor and air sample locations are depicted on **Figure 9**.

The SVI sampling results were in compliance with the NYSDOH SVI matrix with the exception of VP-5. However, the Site is an active industrial facility and is within compliance of the Occupational Safety and Health Administration (OSHA) permissible exposure limits (PELs) in any of the indoor air samples collected. The NYSDOH indoor air criteria should not be applied to this facility/Site.

Fate and Transport

Four of the CVOCs detected in the SVI samples, (1,1,1-TCA, TCE, Carbon Tetrachloride and cis-1,2-DCE), are listed in the 2017 NYSDOH Soil Vapor/Indoor Air Matrix. Based on the SVI results, only sample VP-5, with a concentration of 140 ug/m3 for TCE, would trigger a NYSDOH recommendation for mitigation. During the subsequent soil vapor sampling event, samples VP-9, VP-10, and VP-11 were collected in close proximity to sample VP-5. Both VP-9 and VP-11 were non-detect for TCE, while sample VP-10, located less than 80 feet downgradient from VP-5, had a detected TCE concentration of 1.1 ug/m3. Indoor soil boring locations INT-SB-1 (1-3 ft bg) and INT-SB-2 (1-3 ft bg) had detected TCE concentrations of 14 ug/kg and 12 ug/kg, respectively, significantly below the UUSCO threshold of 470 ug/kg. These findings collectively indicate that there is no evidence of a surface or near-surface release of TCE within the building.

Upon thorough examination of available historical Site documentation, it was determined that Freon 113 was not used in any on-site industrial processes. The indoor soil boring locations INT-SB-1 (1-3 ft bg) and INT-SB-2 (1-3 ft bg) were non-detect for Freon 113. The groundwater sample collected from HRP-2, the downgradient monitoring well closest to VP-5, was also non-detect for Freon 113. All indoor air samples were also non-detect for Freon 113. Consequently, the indoor air, groundwater, and soil sample findings in close proximity to VP-5, which exhibited a concentration of 56,000 ug/m3 for Freon 113, do not suggest a surface or near-surface release of Freon 113. Subsequent sub-slab soil vapor samples located near VP-5 (VP-9, VP-10, and VP-11) indicated significantly lower concentrations of Freon 113 (1,000 ug/m3, 190 ug/m3, and non-detect, respectively). These results support the conclusion that the elevated Freon 113 concentration observed in VP-5 was likely an anomalous result.

The history of the Site's use of chlorinated solvents (which was discontinued in the 1990s), and the nature and extent of CVOC concentrations in soil and groundwater are indicative of residual impacts from historical spills, and not an ongoing release. Further, there is no evidence of groundwater impact at downgradient locations in shallow or deeper groundwater at the Site and no evidence of off-site migration of Site-related CVOCs. Therefore, with no evident migration of CVOCs in the subsurface there is no apparent source of future migration of CVOC concentrations to off-site properties through soil vapor and this potential exposure pathway is not anticipated.

5.0 QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT

A qualitative human health exposure assessment was performed to evaluate the potential risk (if present) to receptors from Site-related contaminants. This assessment was performed for current and future conditions.

An exposure pathway describes how an individual may be exposed to contaminants originating from the Site. As defined by the NYSDEC, an exposure pathway has five elements: 1) a contaminant source, 2) contaminant release and transport mechanisms, 3) a point of exposure, 4) a route of exposure, and 5) a receptor population. An exposure pathway is complete when all five elements of an exposure pathway exist. An exposure pathway is considered a potential pathway when one or more of the elements currently does not exist but could in the future.

Exposure assessments are discussed below, organized by environmental media.

5.1 Soil

The five exposure pathway elements for on-site soils are evaluated below:

Exposure Pathway Element	Analysis
Contaminant Source	CVOC impacts to Site soils have been thoroughly delineated and are limited to subsurface soils, the majority of which are under paved surfaces. CVOC impacts to soil are not indicative of source material as defined by 6 NYCRR Part 375 and are likely related to residual CVOC impacts in Site groundwater.
Contaminant Release and Transport Mechanism	Contaminants in on-site soils could transport to an exposed population via volatilization into the soil vapor or leaching into the groundwater.
Point of Exposure	There is currently no direct exposure pathway to impacted soils as impacts are limited to subsurface soils, the majority of which are under paved surfaces and no intrusive activities are occurring on-site that disturb soils and generate inhalable dust. During possible future development or remedial activities, specifically disturbance of soils, the potential for exposures to subsurface and surface soils would increase for on-site workers, utility workers, trespassers, and visitors.
Route of Exposure	Potential routes of exposure to soils include dermal contact, ingestion, and inhalation of soil particulates.
Receptor Population	The Receptor population is limited to future Site workers.

Based on the above analysis an exposure pathway is not expected to exist unless future construction activities take place which disturb on-site subsurface soils.

5.2 Groundwater

The five exposure pathway elements for the overburden and bedrock groundwater on and around the Site are evaluated below:

Exposure Pathway Element	Analysis
Contaminant Source	CVOC impacts to groundwater are generally limited to the overburden aquifer in the area southeast of the manufacturing building and are understood to be residual impacts related to historical releases. CVOC impacts have not been identified in bedrock groundwater.
Contaminant Release and Transport Mechanism	Groundwater flows west-southwest at a hydraulic gradient of 0.015 ft/ft; however, based on the nature and extent of CVOC impacts during 2020 sampling events, CVOCs are not migrating off-site and are not expected to migrate off-site based on decades of monitoring that demonstrates a stable to shrinking plume exhibiting degradation of parent compounds indicative of natural attenuation. During transport it is expected that the concentrations of contaminants in the groundwater will reduce due to natural attenuation and dilution.
Point of Exposure	There is currently no direct exposure pathway to groundwater contamination at or around the Site. The Site and surrounding area are served by public drinking water sourced from Hinckley Reservoir located approximately 18 miles northeast of the Site and the closest operational public water supply wells are located at the Westmoreland Water District, approximately 3.5 miles west of the Site. Receptors could come into contact with on-site groundwater if private wells are installed at impacted locations on the property. An additional potential exposure exists if ground intrusive activities are completed at the Site. During possible future development or during remedial action, the potential for direct exposure to impacted groundwater would increase for on-site workers.
Route of Exposure	Potential routes of exposure to groundwater include dermal contact and ingestion of groundwater.
Receptor Population	The receptor population is limited to future Site workers or occupants.

Based on the above analysis an exposure pathway is not expected to exist unless on-site construction activities take place in which impacted groundwater is encountered or if a new water supply well is constructed in an impacted area at the Site.

5.3 Soil Vapor

The five exposure pathway elements for the soil vapor on and around the Site are evaluated below:

Exposure Pathway Element	Analysis
Contaminant Source	Based on compounds detected, CVOC impacts exist in soil vapor beneath the slab of the main Site building.
Contaminant Release and Transport Mechanism	Based on groundwater results from monitoring wells downgradient/crossgradient of on-site CVOC detections, CVOC impacts are not migrating to off-site groundwater. There are no identified preferential vapor migration pathways that would facilitate transport of vapor phase CVOCs from locations underneath the Site building or identified impacted groundwater to off-site properties. Therefore, without a source of CVOC migration (e.g., in groundwater or soil vapor) to off-site properties soil vapor migration onto off-site properties is not anticipated.
Point of Exposure	Data collected to date indicates soil vapor intrusion may be occurring in some areas of the building; however, low detections of CVOCs detected in indoor air samples were below OSHA PEL air quality standards applicable to the Site.
Route of Exposure	Potential routes of exposure to soil vapor includes the inhalation of contaminants in indoor air.
Receptor Population	The receptor population is limited to Site workers and occupants, visitors, and future Site workers or occupants.

Based on the above analysis an exposure pathway is expected to exist; however, based on all available data collected, no impacts to indoor air above acceptable standards exist.

6.0 FISH AND WILDLIFE RESOURCES IMPACT ANALYSIS

HRP's review of the NYSDEC ERM and other available maps and resources identified the following ecologically significant areas within a one-half mile radius of the Site.

- Two areas listed on the National Wetlands Inventory are located within Site boundaries. The area identified as PSS1E is an approximately 5.8-acre Freshwater Forested/Shrub Wetland located approximately 100 ft northeast and upgradient of Site buildings. The area identified as PEM1E is an approximately 1.1-acre Freshwater Emergent Wetland located approximately 700 ft west of Site buildings (across Gibson Road).

- An unnamed tributary which runs west to Oriskany Creek is located approximately 1,500 feet to the southwest and downgradient of the southern Site boundary.

- An unnamed tributary which runs east to Mud Creek is located approximately 1,900 ft to the northwest and upgradient of the eastern Site boundary.

- A state regulated freshwater wetland, identified as UW-8, is located approximately 1,500 feet south of the southern Site boundary.

The Site and surrounding area are located in a semi-rural setting and ecological features are limited to wooded areas with the exception of the National Wetland Inventory areas stated above. Based on the nature and extent of soil and groundwater contamination, the ecologically significant areas described above are not close enough to the Site to be impacted.

A topographic map showing fish and wildlife resource features within one-half mile of the Site is depicted on **Figure 4**.

Based on the absence of surface water bodies, wetlands, and ecologically significant areas in proximity of the Site, as determined pursuant to NYSDEC's DER-10 Section 3.10.1(c)(1), a Fish and Wildlife Resources Impact Analysis is not required as part of this RI.

7.0 CONCLUSIONS

Data collected to date over decades indicates the Site has been impacted by historical releases of CVOCs, the impacts are limited in extent, and the CVOC impacts have not and will not migrate off the Site. Based on the investigations completed by HRP between February 2020 and September 2021, the CVOC impacts are well delineated and do not pose a threat to human health and the environment. This is supported by the following conclusions:

- CVOC impacts identified at the Site can be attributed to historical releases of chlorinated solvents.
    - Although the exact sources and dates of spills are unknown, data collected over a period from circa 1990 to date indicate the release is related to historical operations conducted in the areas of the chemical storage building, former drum storage area, and the area southeast of the manufacturing building where historical groundwater remediation was completed. Remediation was also completed in the former WWTP area of the Site.
    - The Site has operated as an industrial metal manufacturer from 1956 to present and used chlorinated solvents in machining, degreasing, and etching of metal parts until the 1990s.
    - A comparison of groundwater analytical data from the three sampling events conducted in 2020 to historical results demonstrates a substantial reduction in CVOC concentrations in Site groundwater from peak concentrations in the 1990s. According to historical reports, TCE in groundwater ranged up to 43,000 µg/L in 1997. During 2020 sampling events TCE was detected at a maximum concentration of 62 µg/L. The reduction in CVOC concentrations in groundwater may be attributed to the discontinued use of chlorinated solvents and improved housekeeping, the completion of remedial excavations in the 1990s, operation of the groundwater pump and treat system from 1996 to 1999, and the natural attenuation of CVOC concentrations.
    - The concentrations of CVOC breakdown products (cis-1,2-DCE and vinyl chloride) detected in groundwater, relative to concentrations of TCE, are indicative of historical impacts undergoing degradation. This is most notable in groundwater analytical results from MW-02 in which cis-1,2-DCE and vinyl chloride concentrations were an order of magnitude greater than TCE concentrations and in MW-15R where the breakdown products were present in elevated concentrations, but TCE was not detected.
    - Based on field observations and laboratory analytical results, the CVOC impacts identified in Site soils are not indicative of a source area or source material as defined by 6 NYCRR Part 375. No grossly contaminated soils (in the form of stained soils, elevated PID readings, or odors), non-aqueous phase liquids (NAPL), or solid/semi-solid hazardous substances were observed in Site soils during boring installation.

CVOC impacts to soil were largely confined to the saturated zone, indicating concentrations of CVOCs detected in subsurface soils are related to groundwater impacts and not an active surface release. While some CVOC impacts were observed in soils above the water table, CVOC concentrations were generally greater in soils from the saturated zone. Impacts observed above the water table may be attributed to CVOCs in groundwater which have sorbed to soils through fluctuation of the groundwater table (i.e. groundwater smear zone).

- Site CVOC impacts have been well delineated and are not a threat to human health and the environment.

  Soil

  - CVOC impacts to Site soils have been thoroughly delineated and are limited to subsurface soils, the majority of which are under paved surfaces. The results of soil sampling in 2020 and 2021 do not indicate a current surface source of impact. Therefore, the only exposure pathway to soil impacts would be through excavation activities. No exposure pathway to soil impacts reasonably exists to off-site receptors. Additionally, CVOC concentrations were not detected in soils above IU SCOs, the most appropriate SCO for Protection of Public Health at the Site.

  Groundwater

  - CVOC impacts to Site groundwater have been well delineated over a period of decades of monitoring, are generally limited to the area east and southeast of the main building and impacted groundwater is not migrating off-site. This is evidenced by groundwater analytical results (below SCGs or non-detect) from monitoring wells in downgradient and cross gradient directions to the west, southwest, and southeast.
  - Results from two bedrock monitoring wells installed downgradient of the Site building confirm CVOC impacts are not migrating to the bedrock aquifer or off-site through the bedrock aquifer.
  - Results from monitoring wells along the southwestern Site boundary confirm CVOCs are not migrating beneath off-site residential properties located at 8243 and 8249 Halsey Road.
  - Isolated detections of CVOCs in MW-7C do not appear to be related to CVOC impacts in the area of the Site building. This is evidenced by multiple rounds of sampling conducted in 2020 which indicate CVOCs were not detected in monitoring wells located between the Site building and MW-7C. Two rounds of sampling conducted at MW-7C in 2020 indicate low concentrations of CVOCs which exceed SCGs. Based on the concentrations detected and non-detect results at nearby MW-7B, these impacts are not expected to extend off-site.
  - The closest operational public water supply wells are located at the Westmoreland Water District, approximately 3.5 miles west of the Site. Potable water at the Site and surrounding parcels is provided by a public water supply from the Hinckley Reservoir, located approximately 18 miles northeast of the Site. Therefore, no exposure pathway

to groundwater impacts reasonably exists to Site occupants/workers or off-site receptors.

Soil Vapor

- Based on the compounds detected, CVOC impacts in soil vapor beneath the slab of the main Site building appear to be related to impacts to Site soil and groundwater. Low detections of CVOCs in indoor air samples were below OSHA PEL air quality standards applicable to the Site.
- Based on groundwater results from monitoring wells downgradient/cross-gradient of on-site CVOC detections, CVOC impacts are not migrating through off-site groundwater. There are no other identified preferential vapor migration pathways. Therefore, soil vapor migration onto off-site properties is not anticipated.

8.0 RECOMMENDATIONS

Based on the characterization of Site CVOC detections as residual impacts associated with historical releases, the limited extent of impacts in the area of the Site building, the limited exposure pathways to potential receptors, and the current and foreseeable use of the property as an active manufacturing facility, HRP recommends the implementation of institutional controls as the best approach to Site management. HRP recommends the following elements be implemented as Site institutional controls:

- An environmental easement should be established for the Site. The environmental easement would outline allowable uses for the Site property, prohibit use of Site groundwater for potable purposes, and require preparation of a Site Management Plan (SMP).
- A SMP should be prepared to outline Site institutional controls and means and methods for their implementation. The SMP should include management plans for soil and groundwater to be implemented in the event of future Site excavation work as well as a groundwater monitoring plan intended to establish a schedule and methods for monitoring CVOC impacts to Site groundwater in order to monitor natural attenuation and ensure off-site migration is not occurring.

9.0 REFERENCES

Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, October 22, 1993, Reissued June 1998, Division of Water Technical and Operational Guidance Series, New York State Department of Environmental Conservation.

- Concentrations Of Selected Analytes In Rural New York State Surface Soils: A Summary Report On The Statewide Rural Surface Soil Survey, August 2005, NYSDEC

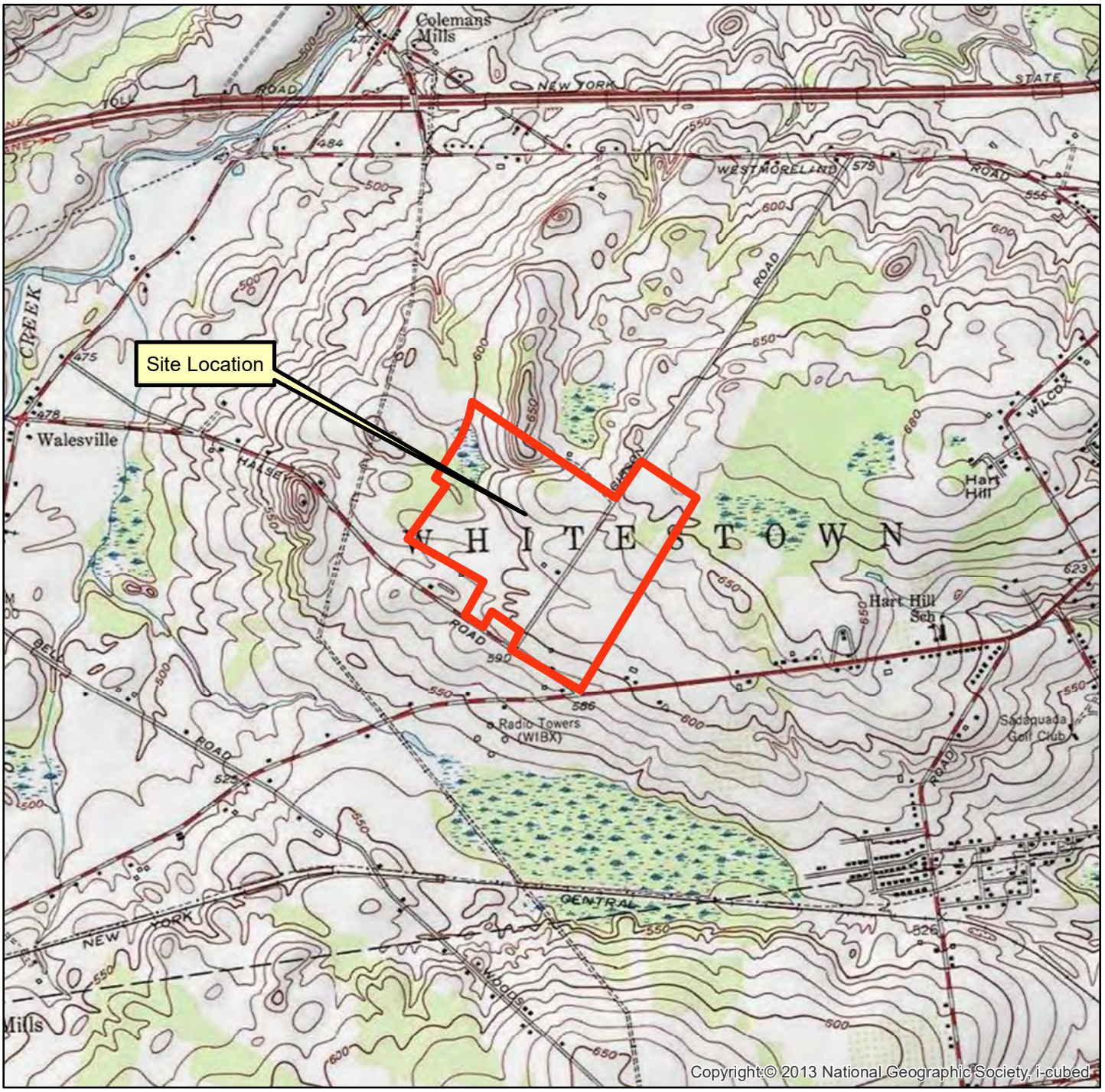
- DER-10/ Technical Guidance for Site Investigation and Remediation, May 3, 2010, New York State Department of Environmental Conservation.

- Geologic Map of New York, New York State Museum – Caldwell, D.H., et.al., 1986, Surficial Geological Survey, Map and Chart series No. 40.

- Geologic Map of New York, New York State Museum and Science Service, Fisher, D.W., et. al., 1970, Map and Chart Series No. 15.

- Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. Web Soil Survey. http://websoilsurvey.sc.egov.usda.gov/. Accessed [4/13/2022].

FIGURES



0 1,000 2,000 4,000 6,000 8,000

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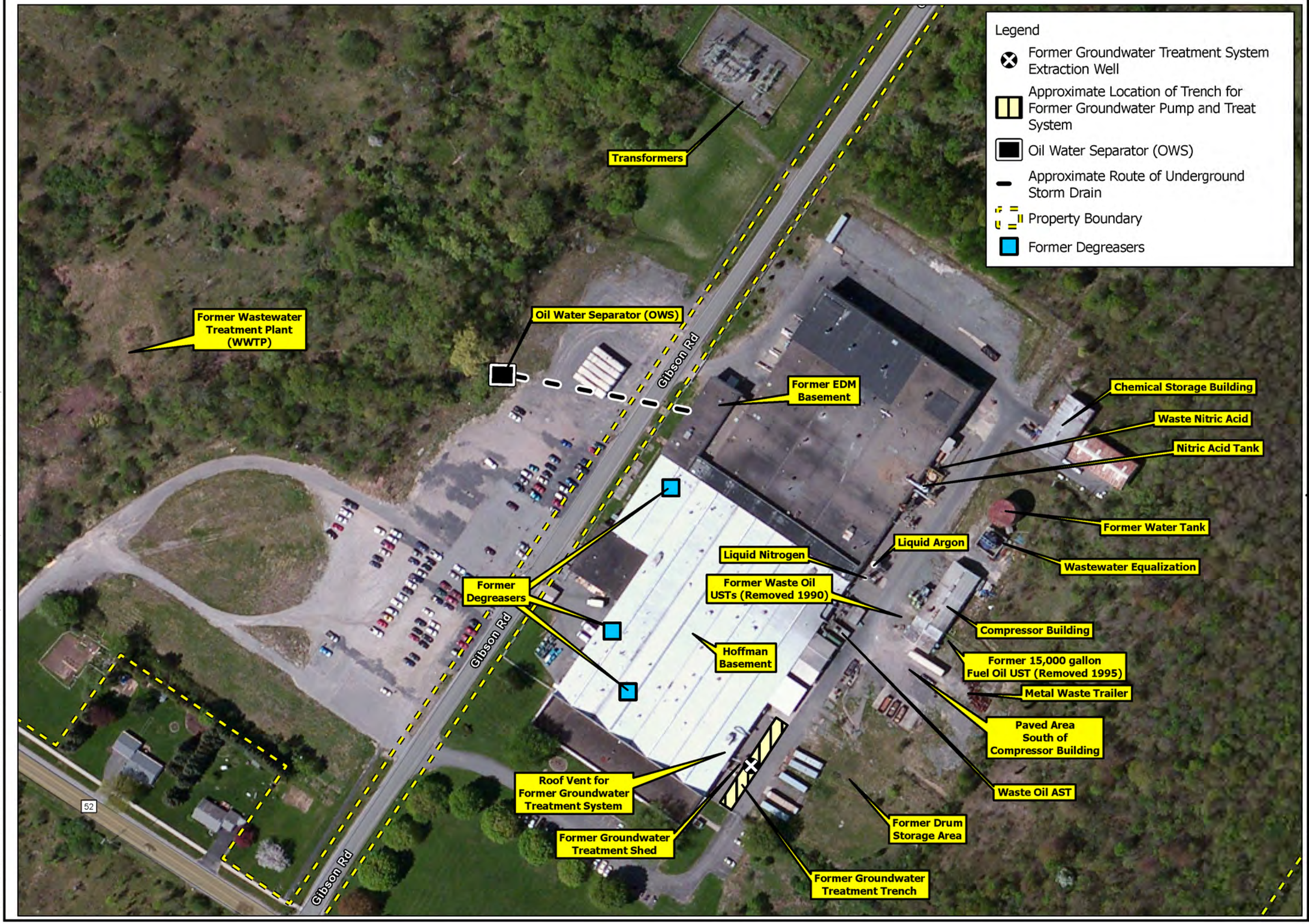
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USGS Quadrangle Information
Quad ID: 43075-A3
Name: Utica West, New York
Date Rev: 1955
Date Pub: 1961

Figure 1
Site Location
8273 Halsey Road
Whitesboro, New York
HRP # WHI6533.P2

MOVE YOUR ENVIRONMENT FORWARD
251 ROOSEVELT DRIVE
2ND FLOOR
DERBY, CT 06418
203-380-1395
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Path: V:\Data\WWHICR - WHITCRAFT LLC\8273 HALSEY ROAD, WHITESBORO, NY\WHI6526P2\GIS\Figure 1 - Site Location.mxd



HRP
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ONE FAIRCHILD SQUARE
SUITE 110
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North

0 60 120
Feet

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Site Plan

8273 Halsey Road
Whitesboro, New York

FIGURE NO.
2A

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Legend

- Former Groundwater Treatment System Extraction Well
- Temporary Monitoring Wells
- Groundwater Monitoring Wells
- Approximate Location of Trench for Former Groundwater Pump and Treat System
- Previous Investigation Soil Sample Locations (1993-1995)
- Oil Water Separator (OWS)
- Approximate Route of Underground Storm Drain

ERM Investigation Areas (1993-1997)

- HR-1 (Waste Oil/ Soil Pile Area)
- HR-2 (Former Drum Storage Area)
- HR-3 (CVOC Groundwater Investigation)
- HR-4 (Former WWTP)
- HR-5 (Oil Water Separator)

HR-4 635 Yard Excavation
HR4-SS2
HR4-C8
MW-7B
HR4-SS
HR4-F3
MW-7C
MW-7A
OWS-SD2
OWS-SD1
MW-13
Gibson Rd
MW-10
MW-01
MW-15R
MW-5
WOTA-01
WOTA-02
WOTA-03
WOTA-04
WOTA-05
WOTA-06
BB-09
BB-07
BB-08
BB-02
BB-06
BB-05
BB-03
BB-04
BB-01
MW-02
TMW-2
HR-2 240 Yard Excavation
DSA-06
DSA-04
DSA-08
DSA-03
DSA-05
RW-1
TMW-1
MW-03
DSA-01
DSA-07
DSA-02
MW-04
MW-08
MW-14
MW-09
HR-1 110 Yard Excavation
HRP-1
HRP-BR-1
HRP-2
Gibson Rd
MW-12
MW-06
MW-06BR
MW-11R
52
Gibson Rd

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North

0 60 120 Feet

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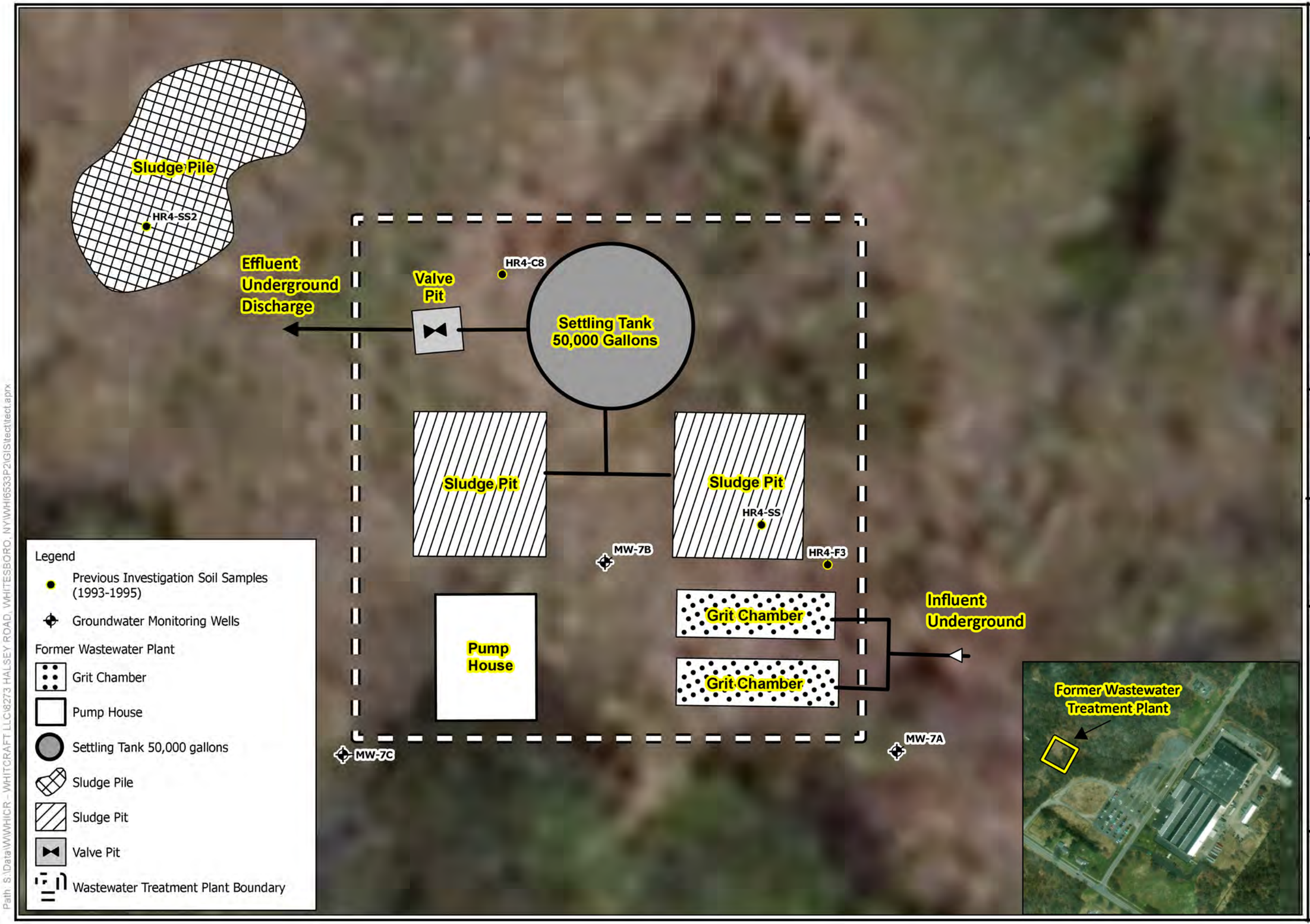
Issue Date: 7/26/2023
Project No: WHI6527.RA
Sheet Size: 11x17

Monitoring Well and ERM Investigation Locations

8273 Halsey Road
Whitesboro, New York

FIGURE NO.

2B



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North

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Date						

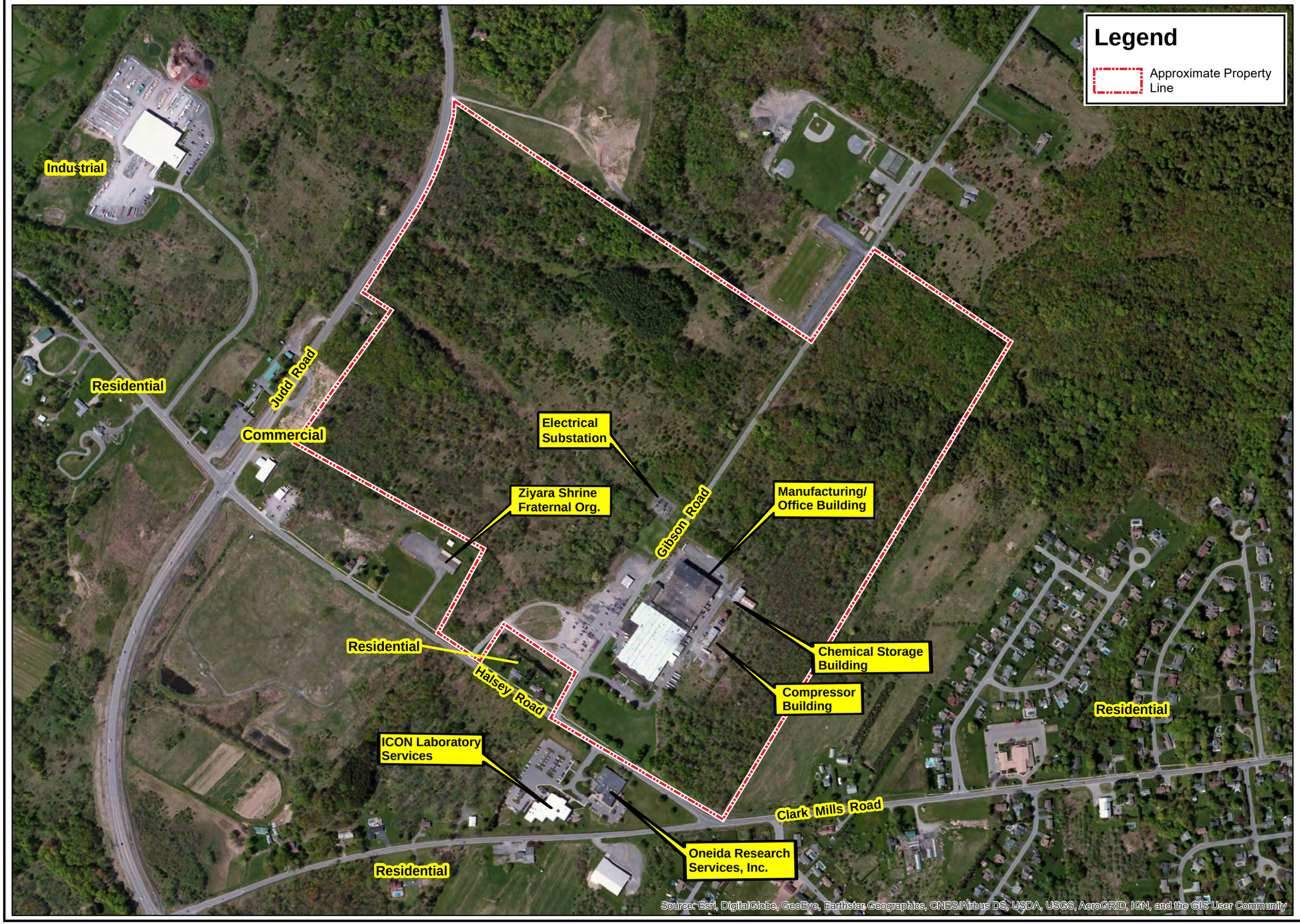
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Former Wastewater Treatment Plant

8273 Halsey Road
Whitesboro, New York

FIGURE NO.

2C



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North

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CMS	CMS	PWM

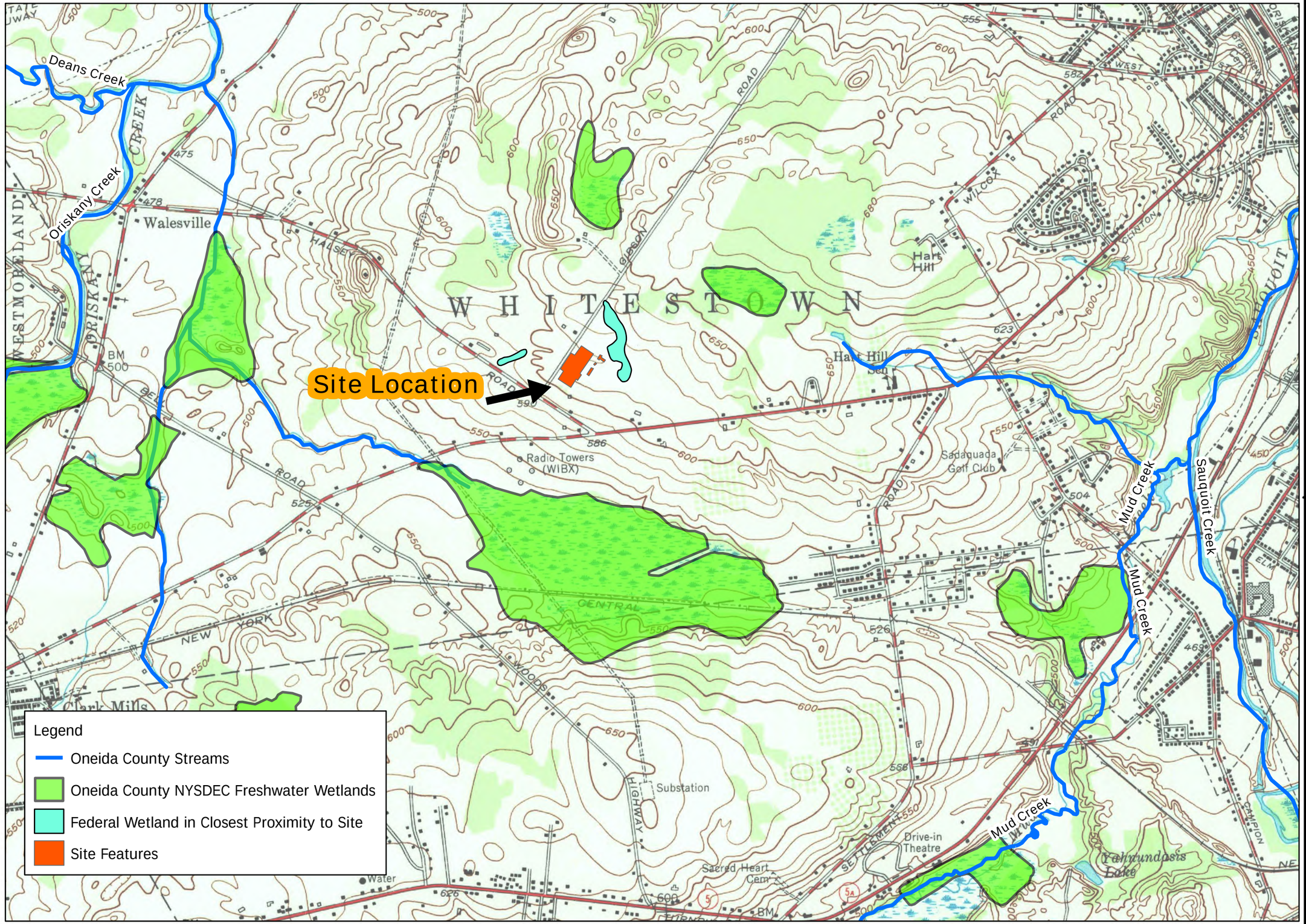
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Surrounding Land Use

8273 Halsey Road
Whitesboro, New York

FIGURE NO.
3

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0 750 1,500
Feet

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Issue Date:	Project No:	Sheet Size:
02/04/2022	WHI6527.RA	11x17

Topographic Map for Fish and Wildlife Resources Impact Analysis

8273 Halsey Road
Whitesboro, New York

FIGURE NO.

4

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North

0 50 100 Feet

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2/4/2022	WHI6527.RA	11x17

Cross Section Transect Map

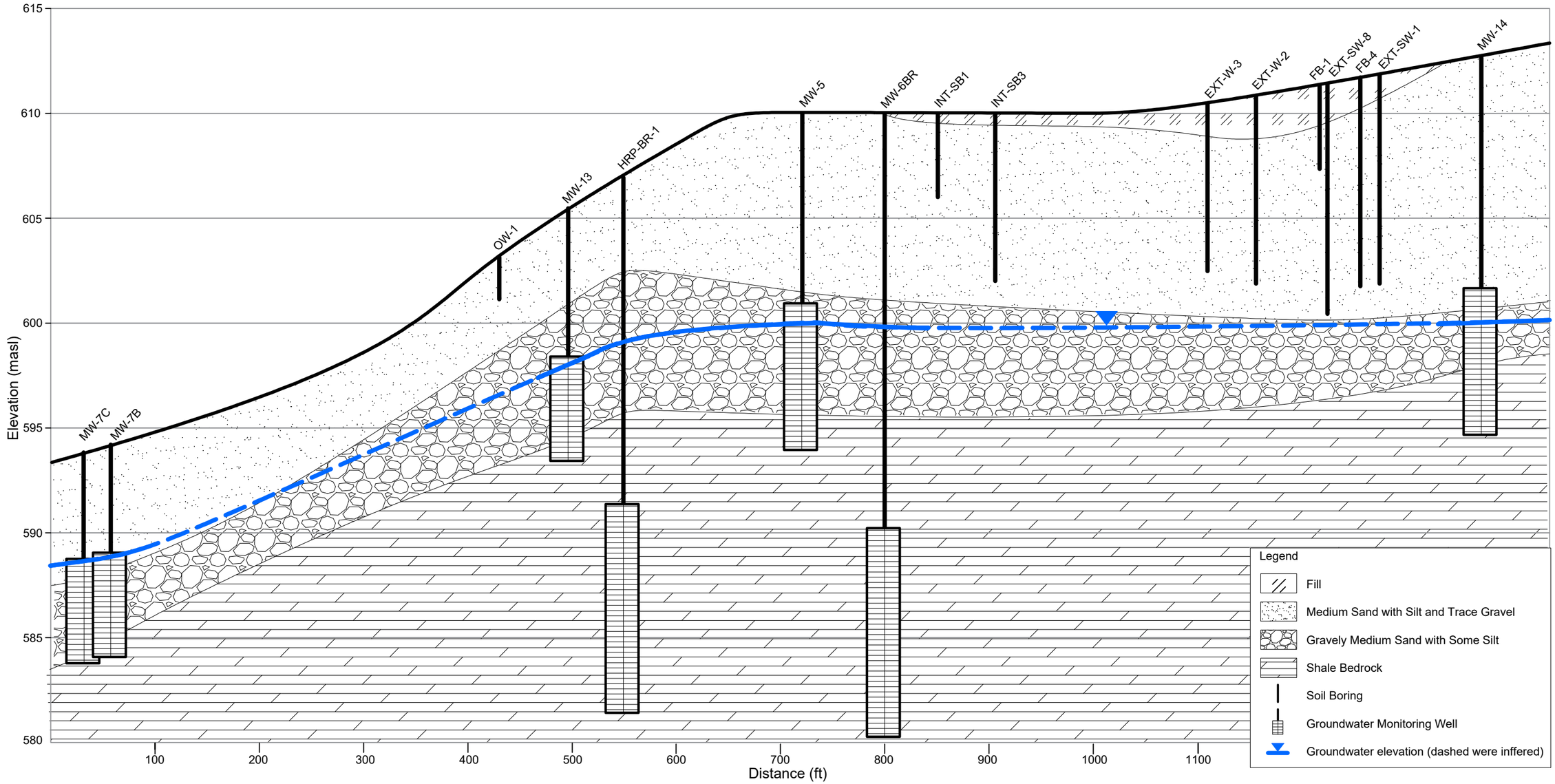
8273 Halsey Road
Whitesboro, New York

FIGURE NO.

5A

A

A'



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(518) 877-7101
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NORTH

HEIGHT 0 2.5' 5'

DISTANCE 0 50' 100'

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NO.	DATE

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DRAWN BY: CMS	PROJECT NUMBER: DEC1021.P2	SHEET SIZE: 11"x17"

Cross Section
A-A' (west-east)

8273 Halsey Road
Whitesboro, New York

FIGURE NO.

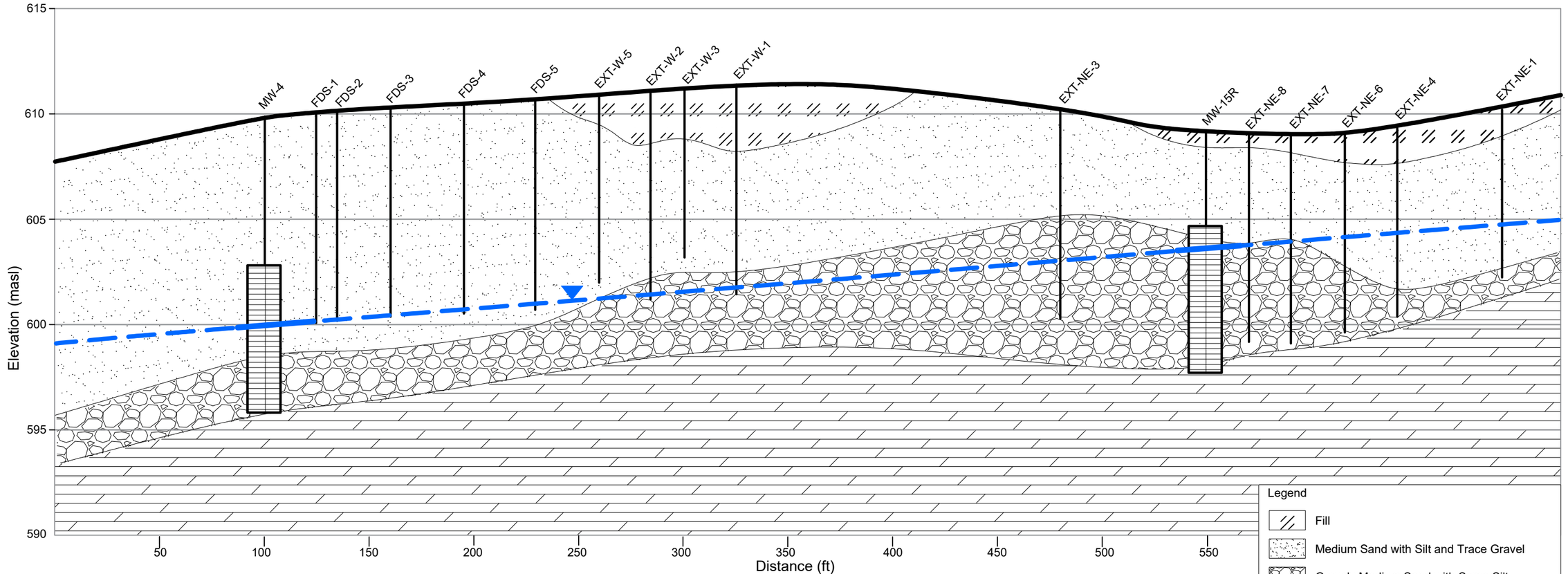
5B

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B

B'



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NORTH

HEIGHT 0 2.5' 5'

DISTANCE 0 25' 50'

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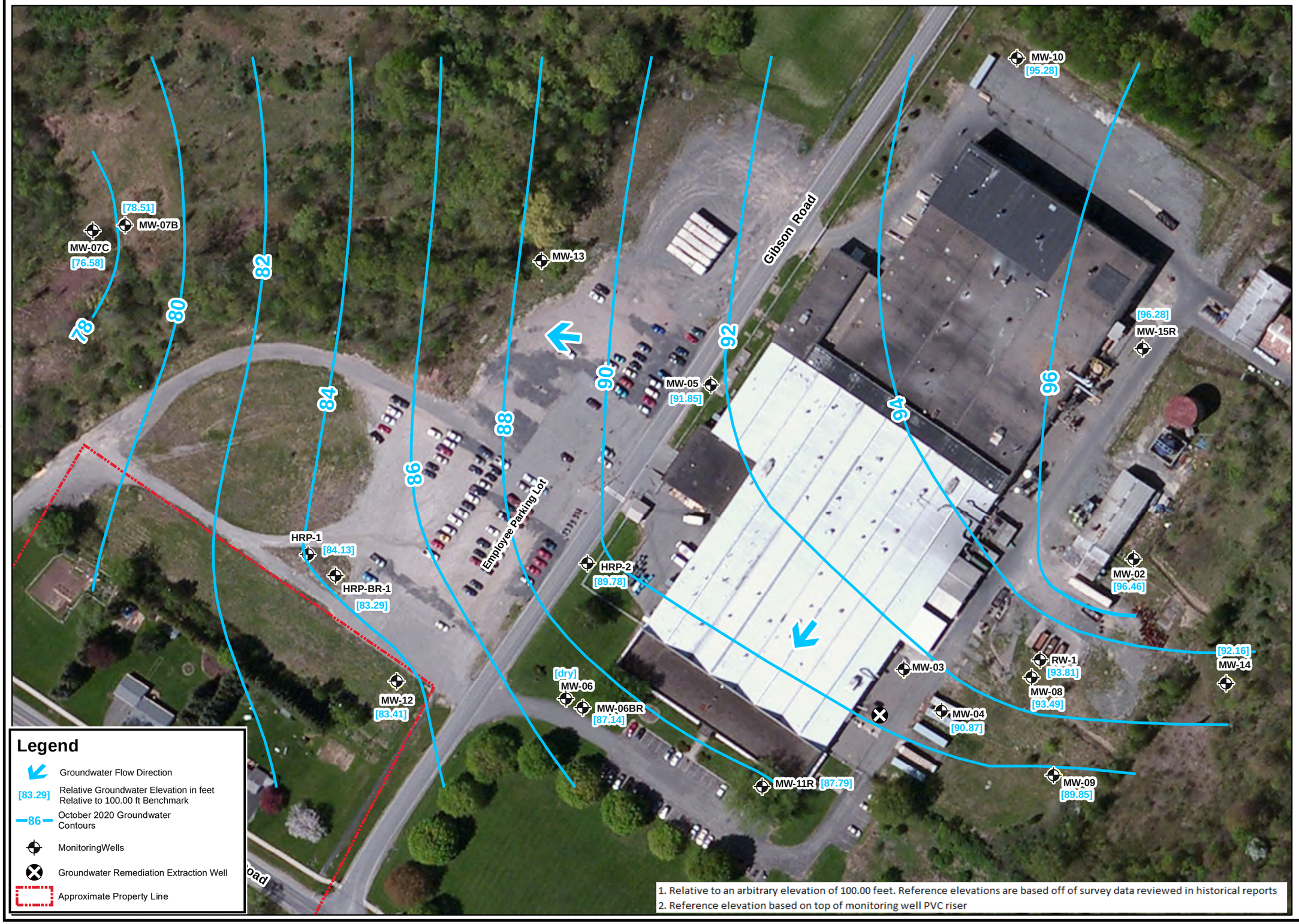
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CMS	MEW	02/1/2022
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Cross Section B-B' (south-north)

8273 Halsey Road
Whitesboro, New York

FIGURE NO.

5C



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North

0 50 100 Feet

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Groundwater Contour Map October 1, 2020

8273 Halsey Road
Whitesboro, New York

FIGURE NO.

6

Legend

- Soil Borings - Samples are Non-Detect
- Soil Boring - Samples Do Not Exceed Unrestricted Use/Protection of Groundwater SCOs for CVOCs
- Soil Boring - Samples Exceed Unrestricted Use/Protection of Groundwater SCOs for CVOCs
- Previous Investigation Soil Sample Locations (1993-1995)

HR4-SS2, HR4-C8, EXT-NW-2, HR4-SS, HR4-F3, EXT-NW-3, EXT-NW-1, OWS-SD2, OWS-SD1, OW-1, Gibson Rd, EXT-NE-4, EXT-NE-5, EXT-NE-6, EXT-NE-7, MW-15R, EXT-NE-9, EXT-NE-8, EXT-NE-2, EXT-NE-1, INT-SB-5, INT-SB-4, INT-SB-3, WOTA-02, WOTA-01, WOTA-03, WOTA-04, WOTA-05, WOTA-06, EXT-NE-3, BB-09, BB-08, BB-06, BB-05, FB-2, BB-02, BB-07, BB-01, FB-3, EXT-W-1, EXT-W-3, EXT-W-4, EXT-W-2, EXT-W-5, EXT-W-6, FB-1, BB-03, BB-04, FB-4, EXT-SW-7, EXT-SW-11, EXT-SW-8, EXT-SW-1, INT-SB-1, INT-SB-2, DSA-08, DSA-04, FDS-5, FDS-6, FDS-4, DSA-06, DSA-01, DSA-05, FDS-7, FDS-3, DSA-03, FDS-8, FDS-9, FDS-2, FDS-1, DSA-02, DSA-07, EXT-SW-12, EXT-SW-13, EXT-SW-6, EXT-SW-10, EXT-SW-3, EXT-SW-2, EXT-SW-4, EXT-SW-9, EXT-SW-5, 52, Gibson Rd, Gibson Rd

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North

0 60 120 Feet

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Issue Date:	Project No:	Sheet Size:
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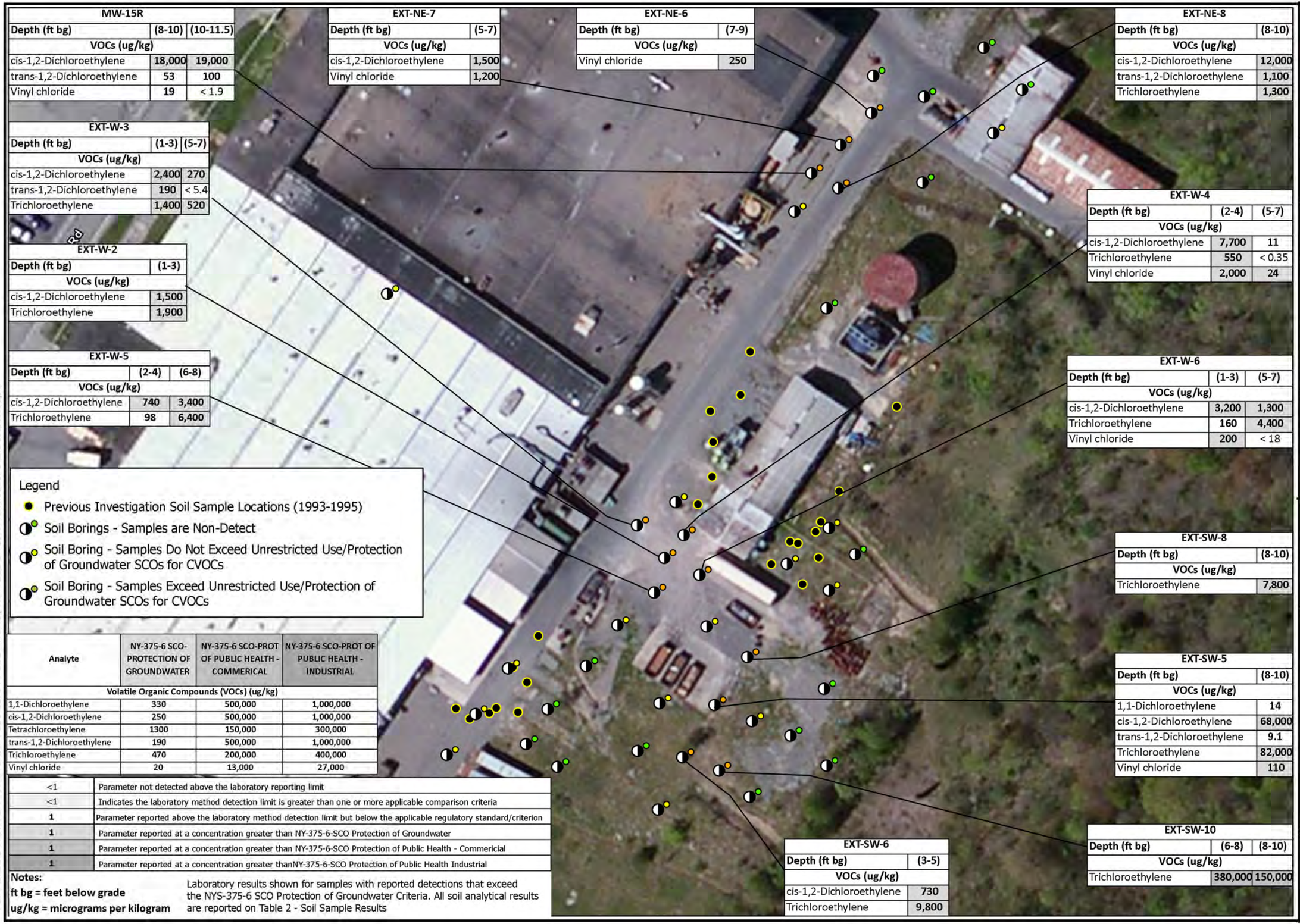
Subsurface Soil Sample Locations

8273 Halsey Road
Whitesboro, New York

FIGURE NO.

7A

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MW-15R		
Depth (ft bg)	(8-10)	(10-11.5)
VOCs (ug/kg)		
cis-1,2-Dichloroethylene	18,000	19,000
trans-1,2-Dichloroethylene	53	100
Vinyl chloride	19	< 1.9

EXT-NE-7	
Depth (ft bg)	(5-7)
VOCs (ug/kg)	
cis-1,2-Dichloroethylene	1,500
Vinyl chloride	1,200

EXT-NE-6	
Depth (ft bg)	(7-9)
VOCs (ug/kg)	
Vinyl chloride	250

EXT-NE-8	
Depth (ft bg)	(8-10)
VOCs (ug/kg)	
cis-1,2-Dichloroethylene	12,000
trans-1,2-Dichloroethylene	1,100
Trichloroethylene	1,300

EXT-W-3		
Depth (ft bg)	(1-3)	(5-7)
VOCs (ug/kg)		
cis-1,2-Dichloroethylene	2,400	270
trans-1,2-Dichloroethylene	190	< 5.4
Trichloroethylene	1,400	520

EXT-W-4		
Depth (ft bg)	(2-4)	(5-7)
VOCs (ug/kg)		
cis-1,2-Dichloroethylene	7,700	11
Trichloroethylene	550	< 0.35
Vinyl chloride	2,000	24

EXT-W-2	
Depth (ft bg)	(1-3)
VOCs (ug/kg)	
cis-1,2-Dichloroethylene	1,500
Trichloroethylene	1,900

EXT-W-5		
Depth (ft bg)	(2-4)	(6-8)
VOCs (ug/kg)		
cis-1,2-Dichloroethylene	740	3,400
Trichloroethylene	98	6,400

EXT-W-6		
Depth (ft bg)	(1-3)	(5-7)
VOCs (ug/kg)		
cis-1,2-Dichloroethylene	3,200	1,300
Trichloroethylene	160	4,400
Vinyl chloride	200	< 18

Legend

- Previous Investigation Soil Sample Locations (1993-1995)
- Soil Borings - Samples are Non-Detect
- Soil Boring - Samples Do Not Exceed Unrestricted Use/Protection of Groundwater SCOs for CVOCs
- Soil Boring - Samples Exceed Unrestricted Use/Protection of Groundwater SCOs for CVOCs

EXT-SW-8	
Depth (ft bg)	(8-10)
VOCs (ug/kg)	
Trichloroethylene	7,800

Analyte	NY-375-6 SCO-PROTECTION OF GROUNDWATER	NY-375-6 SCO-PROT OF PUBLIC HEALTH - COMMERICAL	NY-375-6 SCO-PROT OF PUBLIC HEALTH - INDUSTRIAL
Volatile Organic Compounds (VOCs) (ug/kg)			
1,1-Dichloroethylene	330	500,000	1,000,000
cis-1,2-Dichloroethylene	250	500,000	1,000,000
Tetrachloroethylene	1300	150,000	300,000
trans-1,2-Dichloroethylene	190	500,000	1,000,000
Trichloroethylene	470	200,000	400,000
Vinyl chloride	20	13,000	27,000

EXT-SW-5	
Depth (ft bg)	(8-10)
VOCs (ug/kg)	
1,1-Dichloroethylene	14
cis-1,2-Dichloroethylene	68,000
trans-1,2-Dichloroethylene	9.1
Trichloroethylene	82,000
Vinyl chloride	110

<1	Parameter not detected above the laboratory reporting limit
<1	Indicates the laboratory method detection limit is greater than one or more applicable comparison criteria
1	Parameter reported above the laboratory method detection limit but below the applicable regulatory standard/criterion
1	Parameter reported at a concentration greater than NY-375-6-SCO Protection of Groundwater
1	Parameter reported at a concentration greater than NY-375-6-SCO Protection of Public Health - Commericial
1	Parameter reported at a concentration greater thanNY-375-6-SCO Protection of Public Health Industrial

EXT-SW-6	
Depth (ft bg)	(3-5)
VOCs (ug/kg)	
cis-1,2-Dichloroethylene	730
Trichloroethylene	9,800

EXT-SW-10		
Depth (ft bg)	(6-8)	(8-10)
VOCs (ug/kg)		
Trichloroethylene	380,000	150,000

Notes:
ft bg = feet below grade
ug/kg = micrograms per kilogram

Laboratory results shown for samples with reported detections that exceed the NYS-375-6 SCO Protection of Groundwater Criteria. All soil analytical results are reported on Table 2 - Soil Sample Results

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North

0 30 60 Feet

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Issue Date: 12/16/2022
Project No: WHI6527.RA
Sheet Size: 11x17

Subsurface Soil Results Exceeding Unrestricted Use/ Protection of Groundwater

8273 Halsey Road
Whitesboro, New York

FIGURE NO.

7B

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MW-3			
Date Collected:	**2/13/2020**	**6/2/2020**	**10/1/2020**
VOCs (ug/L)			
1,1,1-Trichloroethane	**3.6**	**3.4**	**17**
freon 113	< 1	< 1	**3**
1,1-Dichloroethane	**2.3**	**1.8**	**7.9**
cis-1,2-Dichloroethylene	**5.6**	**3.4**	**25**
Trichloroethylene	**15**	**22**	**17**
Vinyl chloride	< 2	**2.5**	**54**

MW-5			
Date Collected:	**2/13/2020**	**6/2/2020**	**10/1/2020**
VOCs (ug/L)			
Trichloroethylene	**41**	**39**	**47**

MW-2			
Date Collected:	**2/13/2020**	**6/2/2020**	**10/1/2020**
VOCs (ug/L)			
cis-1,2-Dichloroethylene	**500**	**210**	**58**
trans-1,2-Dichloroethylene	< 10	**2**	**1.1**
Trichloroethylene	**17**	**5.6**	**8.8**
Vinyl chloride	**120**	**47**	**27**

MW-7C		
Date Collected:	**2/13/2020**	**6/2/2020**
VOCs (ug/L)		
cis-1,2-Dichloroethylene	**11**	**17**
Trichloroethylene	**13**	**12**

MW-15R	
Date Collected:	**10/1/2020**
VOCs (ug/L)	
cis-1,2-Dichloroethylene	**3,800**
trans-1,2-Dichloroethylene	**100**
Vinyl chloride	**1,300**

MW-7C
MW-7B
MW-13
MW-5
MW-10
MW-15R
MW-02
HRP-1
HRP-BR-1
HRP-2
MW-12
MW-06
MW-06BR
MW-11R
MW-03
RW-1
MW-08
MW-04
MW-09
MW-14

Legend
- Groundwater Flow Direction
- Groundwater Monitoring Wells
- Groundwater Remediation System Extraction Wells

NY-NYSDEC CLASS GA CRITERIA	
Volatile Organic Compounds (VOCs) (ug/L)	
1,1,1-Trichloroethane	5
1,1,2-Trichlorotrifluoroethane (freon 113)	5
1,1-Dichloroethane	5
cis-1,2-Dichloroethylene	5
Tetrachloroethylene	5
trans-1,2-Dichloroethylene	5
Trichloroethylene	5
Vinyl chloride	2

<1	Parameter not detected above the laboratory reporting limit
<1	Indicates the laboratory reporting limit is greater than one or more applicable comparison criteria
1	Parameter reported above the laboratory reporting limit but below the applicable regulatory standard/criterion
1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes:

µg/L = micrograms per liter

Monitoring Wells MW-6BR, MW-6, MW-7B, MW-9, MW-10, MW-13, MW-14, HRP-1, and HRP-BR-1 had no detections over the laboratory method detection limit for any VOCs during the sampling events on 2/2020, 6/2020 and 10/2020.

MW-8		
Date Collected:	**2/13/2020**	**6/2/2020**
VOCs (ug/L)		
Trichloroethylene	< 1	**8.2**

MW-4			
Date Collected:	**2/13/2020**	**6/2/2020**	**10/1/2020**
VOCs (ug/L)			
freon 113	< 1	**2.8**	**4.2**
cis-1,2-Dichloroethylene	**1.4**	**7.1**	**14**
Tetrachloroethylene	< 1	**9.3**	**2.5**
Trichloroethylene	**7**	**39**	**62**

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Drawn By: CMS
Reviewed By: MEW

Issue Date: 02/04/2022
Project No: WHI6527.RA
Sheet Size: 11x17

Groundwater Results Exceeding TOGS 1.1.1 Class GA Criteria

8273 Halsey Road
Whitesboro, New York

FIGURE NO.
8A

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Revisions						
No.						
Date						

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CMS	CMS	MEW

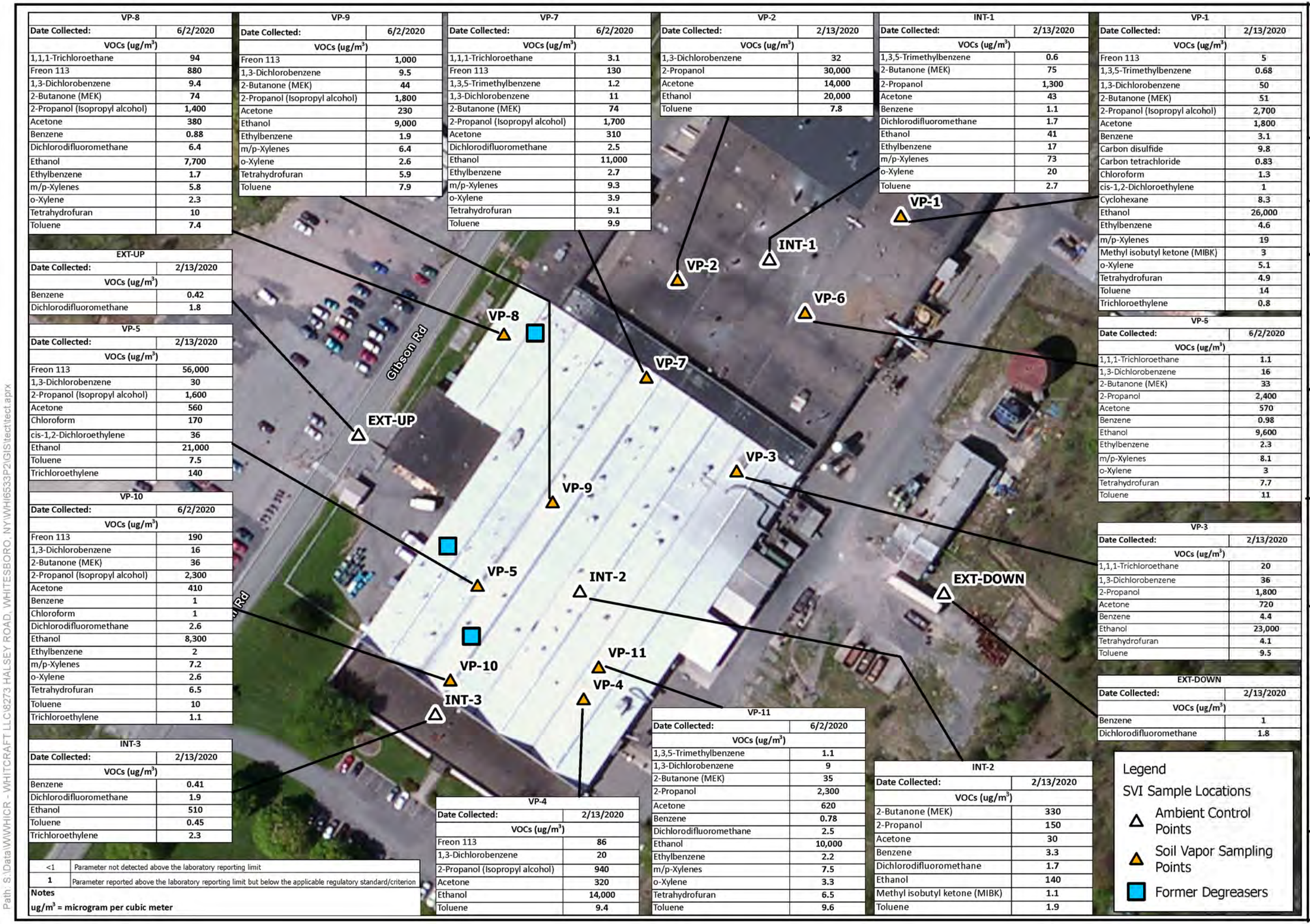
Issue Date:	Project No:	Sheet Size:
02/04/2022	WHI6527.RA	11x17

Extent of Trichloroethylene and Vinyl Chloride in Groundwater

8273 Halsey Road
Whitesboro, New York

FIGURE NO.

8B



VP-8	
Date Collected:	6/2/2020
VOCs (ug/m³)	
1,1,1-Trichloroethane	94
Freon 113	880
1,3-Dichlorobenzene	9.4
2-Butanone (MEK)	74
2-Propanol (Isopropyl alcohol)	1,400
Acetone	380
Benzene	0.88
Dichlorodifluoromethane	6.4
Ethanol	7,700
Ethylbenzene	1.7
m/p-Xylenes	5.8
o-Xylene	2.3
Tetrahydrofuran	10
Toluene	7.4

VP-9	
Date Collected:	6/2/2020
VOCs (ug/m³)	
Freon 113	1,000
1,3-Dichlorobenzene	9.5
2-Butanone (MEK)	44
2-Propanol (Isopropyl alcohol)	1,800
Acetone	230
Ethanol	9,000
Ethylbenzene	1.9
m/p-Xylenes	6.4
o-Xylene	2.6
Tetrahydrofuran	5.9
Toluene	7.9

VP-7	
Date Collected:	6/2/2020
VOCs (ug/m³)	
1,1,1-Trichloroethane	3.1
Freon 113	130
1,3,5-Trimethylbenzene	1.2
1,3-Dichlorobenzene	11
2-Butanone (MEK)	74
2-Propanol (Isopropyl alcohol)	1,700
Acetone	310
Dichlorodifluoromethane	2.5
Ethanol	11,000
Ethylbenzene	2.7
m/p-Xylenes	9.3
o-Xylene	3.9
Tetrahydrofuran	9.1
Toluene	9.9

VP-2	
Date Collected:	2/13/2020
VOCs (ug/m³)	
1,3-Dichlorobenzene	32
2-Propanol	30,000
Acetone	14,000
Ethanol	20,000
Toluene	7.8

INT-1	
Date Collected:	2/13/2020
VOCs (ug/m³)	
1,3,5-Trimethylbenzene	0.6
2-Butanone (MEK)	75
2-Propanol	1,300
Acetone	43
Benzene	1.1
Dichlorodifluoromethane	1.7
Ethanol	41
Ethylbenzene	17
m/p-Xylenes	73
o-Xylene	20
Toluene	2.7

VP-1	
Date Collected:	2/13/2020
VOCs (ug/m³)	
Freon 113	5
1,3,5-Trimethylbenzene	0.68
1,3-Dichlorobenzene	50
2-Butanone (MEK)	51
2-Propanol (Isopropyl alcohol)	2,700
Acetone	1,800
Benzene	3.1
Carbon disulfide	9.8
Carbon tetrachloride	0.83
Chloroform	1.3
cis-1,2-Dichloroethylene	1
Cyclohexane	8.3
Ethanol	26,000
Ethylbenzene	4.6
m/p-Xylenes	19
Methyl isobutyl ketone (MIBK)	3
o-Xylene	5.1
Tetrahydrofuran	4.9
Toluene	14
Trichloroethylene	0.8

EXT-UP	
Date Collected:	2/13/2020
VOCs (ug/m³)	
Benzene	0.42
Dichlorodifluoromethane	1.8

VP-5	
Date Collected:	2/13/2020
VOCs (ug/m³)	
Freon 113	56,000
1,3-Dichlorobenzene	30
2-Propanol (Isopropyl alcohol)	1,600
Acetone	560
Chloroform	170
cis-1,2-Dichloroethylene	36
Ethanol	21,000
Toluene	7.5
Trichloroethylene	140

VP-10	
Date Collected:	6/2/2020
VOCs (ug/m³)	
Freon 113	190
1,3-Dichlorobenzene	16
2-Butanone (MEK)	36
2-Propanol (Isopropyl alcohol)	2,300
Acetone	410
Benzene	1
Chloroform	1
Dichlorodifluoromethane	2.6
Ethanol	8,300
Ethylbenzene	2
m/p-Xylenes	7.2
o-Xylene	2.6
Tetrahydrofuran	6.5
Toluene	10
Trichloroethylene	1.1

INT-3	
Date Collected:	2/13/2020
VOCs (ug/m³)	
Benzene	0.41
Dichlorodifluoromethane	1.9
Ethanol	510
Toluene	0.45
Trichloroethylene	2.3

VP-4	
Date Collected:	2/13/2020
VOCs (ug/m³)	
Freon 113	86
1,3-Dichlorobenzene	20
2-Propanol (Isopropyl alcohol)	940
Acetone	320
Ethanol	14,000
Toluene	9.4

VP-11	
Date Collected:	6/2/2020
VOCs (ug/m³)	
1,3,5-Trimethylbenzene	1.1
1,3-Dichlorobenzene	9
2-Butanone (MEK)	35
2-Propanol	2,300
Acetone	620
Benzene	0.78
Dichlorodifluoromethane	2.5
Ethanol	10,000
Ethylbenzene	2.2
m/p-Xylenes	7.5
o-Xylene	3.3
Tetrahydrofuran	6.5
Toluene	9.6

INT-2	
Date Collected:	2/13/2020
VOCs (ug/m³)	
2-Butanone (MEK)	330
2-Propanol	150
Acetone	30
Benzene	3.3
Dichlorodifluoromethane	1.7
Ethanol	140
Methyl isobutyl ketone (MIBK)	1.1
Toluene	1.9

VP-5	
Date Collected:	6/2/2020
VOCs (ug/m³)	
1,1,1-Trichloroethane	1.1
1,3-Dichlorobenzene	16
2-Butanone (MEK)	33
2-Propanol	2,400
Acetone	570
Benzene	0.98
Ethanol	9,600
Ethylbenzene	2.3
m/p-Xylenes	8.1
o-Xylene	3
Tetrahydrofuran	7.7
Toluene	11

VP-3	
Date Collected:	2/13/2020
VOCs (ug/m³)	
1,1,1-Trichloroethane	20
1,3-Dichlorobenzene	36
2-Propanol	1,800
Acetone	720
Benzene	4.4
Ethanol	23,000
Tetrahydrofuran	4.1
Toluene	9.5

EXT-DOWN	
Date Collected:	2/13/2020
VOCs (ug/m³)	
Benzene	1
Dichlorodifluoromethane	1.8

<1	Parameter not detected above the laboratory reporting limit
1	Parameter reported above the laboratory reporting limit but below the applicable regulatory standard/criterion

Notes

ug/m³ = microgram per cubic meter

Legend

SVI Sample Locations

- Ambient Control Points
- Soil Vapor Sampling Points
- Former Degreasers

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Issue Date:	Project No:	Sheet Size:
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Soil Vapor and Ambient Air Results

8273 Halsey Road
Whitesboro, New York

FIGURE NO.

9

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TABLES

Table 1
Groundwater Elevation Data
October 1, 2020

8273 Halsey Road, Whitesboro, NY
HRP#WHI6527.RA

Well ID	Ground Surface Elevation (ft.)[1]	Reference Elevation (ft.)[1,2]	Depth to Water (ft.)[3]	Depth to Well Bottom (ft.)[4]	Groundwater Elevation
HRP-1	91.56	91.48	7.35	8.02	84.13
HRP-BR-1	91.88	91.54	8.25	24.86	83.29
HRP-2	NA	99.29	9.51	12.12	89.78
MW-2	101.31	102.92	6.46	15.87	96.46
MW-3	99.71	101.59	11.79	15.86	89.8
MW-4	100.01	101.83	10.96	15.47	90.87
MW-5	99.51	101.72	9.87	15.96	91.85
MW-6	94.61	99.34	DRY	11.88	NA
MW-6BR	NA	99.26	12.12	28.31	87.14
MW-7B	83.35	84.62	6.11	9.52	78.51
MW-7C	82.91	83.67	7.09	10	76.58
MW-8	100.71	102.56	9.07	15.77	93.49
MW-9	100.41	102.24	12.39	20.25	89.85
MW-10	98.31	100.33	5.05	7.95	95.28
MW-11[5]	97.5	96.98	NA	NA	NA
MW-11R	NA	102.85	15.06	17.64	87.79
MW-12	86.51	94.26	10.85	12.09	83.41
MW-13	94.96	102.1	7.05	11.99	95.05
MW-14	103.1	105.68	13.52	17.12	92.16
MW-15[5]	100	99.87	NA	NA	NA
MW-15R	100.1	99.53	3.25	10.39	96.28
RW-1	100.8	103.28	9.47	16.27	93.81

Notes:
1. Relative to an arbitrary elevation of 100.00 feet. Reference elevations are based off of survey data reviewed in historical reports
2. Reference elevation based on top of monitoring well PVC riser
3. Depth to water measured from the top of monitoring well PVC riser (reference elevation) on October 1, 2020
4. Measured from top of PVC riser (reference elevation) after sampling wells on October 1, 2020
5. Monitoring wells MW-11 and MW-15 could not be found in field
6. Ground elevations were not surveyed for monitoirng wells installed by HRP

NA - Not applicable/No data available
ft- feet

Table 2
Soil Analytical Results
Chlorinated Volatile Organic Compounds (CVOCs)

8273 HALSEY ROAD, WHITESBORO, NY
HRP# WHI6527.RA

Lab Report No.:	NY-375-6 SCO-UNRESTRICTED USE/ PROTECTION OF GROUNDWATER	NY-375-6 SCO-PROT OF PUBLIC HEALTH - COMMERICAL	NY-375-6 SCO-PROT OF PUBLIC HEALTH - INDUSTRIAL	20I0901	20I0901	20I0901	20I0901	20I0901	20I0901	20I0901	20I1074	21E1512	21E1512	21E1512	21E1512
ID:				INT-SB-1	INT-SB-2	INT-SB-3	INT-SB-4	INT-SB-5	EXT-NE-1	EXT-NE-2	EXT-NE-3	EXT-NE-4	EXT-NE-4	EXT-NE-5	EXT-NE-5
Depth (ft bg)				(1-3)	(1-3)	(1-3)	(1-3)	(2-4)	(2-4)	(1-3)	(2-4)	(3-5)	(7-9)	(1-3)	(5-7)
Date Collected:				9/14/2020	9/14/2020	9/14/2020	9/14/2020	9/14/2020	9/14/2020	9/14/2020	9/17/2020	5/24/2021	5/24/2021	5/24/2021	5/24/2021
Chlorinated Volatile Organic Compounds (CVOCs) (ug/kg)															
1,1-Dichloroethylene	330	500,000	1,000,000	< 0.79	< 0.74	< 0.55	< 0.54	< 0.54	< 0.6	< 0.72	< 0.72	< 0.39	< 5.9	< 0.5	< 0.39
cis-1,2-Dichloroethylene	250	500,000	1,000,000	< 0.79	< 0.74	< 0.55	< 0.54	< 0.54	< 0.6	< 0.72	< 0.72	< 0.49	< 5.5	< 0.62	< 0.49
Tetrachloroethylene	1300	150,000	300,000	< 1.4	< 1.3	< 0.94	< 0.92	< 0.93	< 1	< 1.2	< 1.2	< 0.39	< 7.3	< 0.5	< 0.39
trans-1,2-Dichloroethylene	190	500,000	1,000,000	< 0.68	< 0.64	< 0.47	< 0.46	< 0.46	< 0.51	< 0.61	< 0.62	< 0.39	< 6.2	< 0.5	< 0.39
Trichloroethylene	470	200,000	400,000	14	12	< 0.62	8.4	< 0.62	< 0.69	< 0.82	< 0.82	< 0.39	< 6.6	< 0.5	< 0.39
Vinyl chloride	20	13,000	27,000	< 1	< 0.95	< 0.7	< 0.69	< 0.69	< 0.77	< 0.92	< 0.92	< 0.39	< 7.3	< 0.5	< 0.39

Lab Report No.:	NY-375-6 SCO-UNRESTRICTED USE/ PROTECTION OF GROUNDWATER	NY-375-6 SCO-PROT OF PUBLIC HEALTH - COMMERICAL	NY-375-6 SCO-PROT OF PUBLIC HEALTH - INDUSTRIAL	21E1512	21E1512	21E1512	21E1512	21E1512	21E1512	21E1512	21E1512	20I1074	20I1074	20I1074	20I1074
ID:				EXT-NE-6	EXT-NE-6	EXT-NE-7	EXT-NE-7	EXT-NE-8	EXT-NE-8	EXT-NE-9	EXT-NE-9	MW-15R	MW-15R	MW-15R	EXT-W-1
Depth (ft bg)				(3-5)	(7-9)	(1-3)	(5-7)	(3-5)	(8-10)	(3-5)	(5-7)	(2-4)	(8-10)	(10-11.5)	(2-4)
Date Collected:				5/24/2021	5/24/2021	5/24/2021	5/24/2021	5/24/2021	5/24/2021	5/24/2021	5/24/2021	9/16/2020	9/16/2020	9/16/2020	9/17/2020
Chlorinated Volatile Organic Compounds (CVOCs) (ug/kg)															
1,1-Dichloroethylene	330	500,000	1,000,000	< 0.37	< 4	< 0.42	< 5.3	< 0.41	< 47	< 0.38	< 0.31	< 0.73	< 0.56	< 1.5	< 1.1
cis-1,2-Dichloroethylene	250	500,000	1,000,000	< 0.47	< 3.8	16	1,500	< 0.52	12,000	9.1	9.2	5.4	18,000	19,000	45
Tetrachloroethylene	1300	150,000	300,000	< 0.37	< 5.1	< 0.42	< 6.7	< 0.41	< 59	< 0.38	< 0.31	< 1.2	< 0.96	< 2.5	< 1.8
trans-1,2-Dichloroethylene	190	500,000	1,000,000	< 0.37	< 4.3	< 0.42	< 5.7	< 0.41	1,100	2.1	< 0.31	< 0.62	53	100	< 0.92
Trichloroethylene	470	200,000	400,000	< 0.37	< 4.5	36	< 6	< 0.41	1,300	< 0.38	< 0.31	< 0.83	< 0.64	< 1.7	68
Vinyl chloride	20	13,000	27,000	< 0.37	250	< 0.42	1,200	< 0.41	< 59	< 0.38	< 0.31	< 0.93	19	< 1.9	< 1.4

Lab Report No.:	NY-375-6 SCO-UNRESTRICTED USE/ PROTECTION OF GROUNDWATER	NY-375-6 SCO-PROT OF PUBLIC HEALTH - COMMERICAL	NY-375-6 SCO-PROT OF PUBLIC HEALTH - INDUSTRIAL	20I1074	21E1512	21E1512	21E1512	21E1512	21E1512	21I0174	21I0174	21I0174	20I1074	20I1074	20I1074
ID:				EXT-W-2	EXT-W-3	EXT-W-3	EXT-W-4	EXT-W-4	EXT-W-5	EXT-W-5	EXT-W-6	EXT-W-6	EXT-SW-1	EXT-SW-2	EXT-SW-3
Depth (ft bg)				(1-3)	(1-3)	(5-7)	(2-4)	(5-7)	(2-4)	(6-8)	(1-3)	(5-7)	(2-4)	(1-3)	(1-3)
Date Collected:				9/17/2020	5/24/2021	5/24/2021	5/24/2021	5/24/2021	5/24/2021	9/2/2021	9/2/2021	9/2/2021	9/17/2020	9/17/2020	9/17/2020
Chlorinated Volatile Organic Compounds (CVOCs) (ug/kg)															
1,1-Dichloroethylene	330	500,000	1,000,000	< 180	< 14	< 5.1	< 53	< 0.35	< 9.5	< 21	< 8.1	< 15	< 0.53	< 0.64	< 0.58
cis-1,2-Dichloroethylene	250	500,000	1,000,000	1,500	2,400	270	7,700	11	740	3,400	3,200	1,300	< 0.53	< 0.64	< 0.58
Tetrachloroethylene	1300	150,000	300,000	< 100	< 17	< 6.4	< 66	< 0.35	< 12	< 27	< 10	< 18	< 0.9	< 1.1	< 0.99
trans-1,2-Dichloroethylene	190	500,000	1,000,000	< 170	190	< 5.4	< 56	< 0.35	< 10	< 23	< 8.6	< 15	< 0.45	< 0.55	< 0.5
Trichloroethylene	470	200,000	400,000	1,900	1,400	520	550	< 0.35	98	6,400	160	4,400	< 0.6	< 0.74	< 0.66
Vinyl chloride	20	13,000	27,000	< 250	< 17	< 6.4	2,000	24	< 12	< 27	200	< 18	< 0.68	< 0.83	< 0.74

Lab Report No.:	NY-375-6 SCO-UNRESTRICTED USE/ PROTECTION OF GROUNDWATER	NY-375-6 SCO-PROT OF PUBLIC HEALTH - COMMERICAL	NY-375-6 SCO-PROT OF PUBLIC HEALTH - INDUSTRIAL	20I1074	20I1075	20I1075	20I1075	21I0174	21I0174	21I0174	21I0174	21I0174	21I0174	21I0174	21I0174
ID:				EXT-SW-4	EXT-SW-5	EXT-SW-5	EXT-SW-6	EXT-SW-7	EXT-SW-7	EXT-SW-8	EXT-SW-8	EXT-SW-9	EXT-SW-9	EXT-SW-10	EXT-SW-10
Depth (ft bg)				(2-4)	(1-3)	(8-10)	(3-5)	(1-3)	(5-7)	(1-3)	(8-10)	(2-4)	(6-8)	(6-8)	(8-10)
Date Collected:				9/17/2020	9/17/2020	9/17/2020	9/17/2020	9/2/2021	9/2/2021	9/2/2021	9/2/2021	9/2/2021	9/2/2021	9/2/2021	9/2/2021
Volatile Organic Compounds (VOCs) (ug/kg)															
1,1-Dichloroethylene	330	500,000	1,000,000	< 0.77	< 0.64	14	< 62	< 0.37	< 0.53	< 7	< 24	< 42	< 92	< 510	< 390
cis-1,2-Dichloroethylene	250	500,000	1,000,000	< 0.77	< 0.64	68,000	730	< 0.46	< 0.66	< 6.6	< 22	< 39	< 86	< 470	< 370
Tetrachloroethylene	1300	150,000	300,000	< 1.3	< 1.1	< 1.1	< 35	< 0.37	3.2	< 8.8	< 30	< 52	< 110	< 630	< 490
trans-1,2-Dichloroethylene	190	500,000	1,000,000	< 0.66	< 0.55	9.1	< 60	< 0.37	< 0.53	< 7.5	< 25	< 44	< 97	< 540	< 420
Trichloroethylene	470	200,000	400,000	< 0.88	< 0.73	82,000	9,800	< 0.37	13	88	7,800	< 47	< 100	380,000	150,000
Vinyl chloride	20	13,000	27,000	< 0.99	< 0.82	110	< 88	< 0.37	< 0.53	< 8.8	< 30	< 52	< 110	< 630	< 490

Lab Report No.:	NY-375-6 SCO-UNRESTRICTED USE/ PROTECTION OF GROUNDWATER	NY-375-6 SCO-PROT OF PUBLIC HEALTH - COMMERICAL	NY-375-6 SCO-PROT OF PUBLIC HEALTH - INDUSTRIAL	21I0174	21I0174	21I0174	21I0174	21I0174	21I0174	20I1075	20I1075	20I1075	20I1075	20I1075	20I1075
ID:				EXT-SW-11	EXT-SW-11	EXT-SW-12	EXT-SW-12	EXT-SW-13	EXT-SW-13	FDS-1	FDS-2	FDS-3	FDS-4	FDS-5	FDS-6
Depth (ft bg)				(2-4)	(8-10)	(2-4)	(4-6)	(1-3)	(8-10)	(1-3)	(2-4)	(1-3)	(2-4)	(1-3)	(2-4)
Date Collected:				9/2/2021	9/2/2021	9/2/2021	9/2/2021	9/2/2021	9/2/2021	9/17/2020	9/17/2020	9/17/2020	9/17/2020	9/17/2020	9/17/2020
Chlorinated Volatile Organic Compounds (CVOCs) (ug/kg)															
1,1-Dichloroethylene	330	500,000	1,000,000	< 0.33	< 0.38	< 0.47	< 0.25	< 0.52	< 0.42	< 0.74	< 0.83	< 0.85	< 0.93	< 0.64	< 0.73
cis-1,2-Dichloroethylene	250	500,000	1,000,000	< 0.41	< 0.47	< 0.59	< 0.31	< 0.65	< 0.52	< 0.74	< 0.83	< 0.85	< 0.93	< 0.64	< 0.73
Tetrachloroethylene	1300	150,000	300,000	< 0.33	< 0.38	< 0.47	< 0.25	< 0.52	< 0.42	< 1.3	< 1.4	< 1.5	< 1.6	< 1.1	< 1.3
trans-1,2-Dichloroethylene	190	500,000	1,000,000	< 0.33	< 0.38	< 0.47	< 0.25	< 0.52	< 0.42	< 0.64	< 0.71	< 0.73	< 0.79	< 0.55	< 0.63
Trichloroethylene	470	200,000	400,000	2	38	< 0.47	< 0.25	< 0.52	2.2	< 0.85	< 0.95	< 0.98	< 1.1	3.8	7.7
Vinyl chloride	20	13,000	27,000	< 0.33	< 0.38	< 0.47	< 0.25	< 0.52	< 0.42	< 0.96	< 1.1	< 1.1	< 1.2	< 0.82	< 0.94

Lab Report No.:	NY-375-6 SCO-UNRESTRICTED USE/ PROTECTION OF GROUNDWATER	NY-375-6 SCO-PROT OF PUBLIC HEALTH - COMMERICAL	NY-375-6 SCO-PROT OF PUBLIC HEALTH - INDUSTRIAL	20I1075	20I1075	20I1075	20I1075	20I1074	20I1074	20I1074	20I1074	20I1074
ID:				FDS-7	FDS-8	FDS-8	FDS-9	FB-1	FB-2	FB-2	FB-3	FB-4
Depth (ft bg)				(1-3)	(2-4)	(6-8)	(1-3)	(3-5)	(1-3)	(8-10)	(2-4)	(1-3)
Date Collected:				9/17/2020	9/17/2020	9/17/2020	9/17/2020	9/17/2020	9/17/2020	9/17/2020	9/17/2020	9/17/2020
Chlorinated Volatile Organic Compounds (CVOCs) (ug/kg)												
1,1-Dichloroethylene	330	500,000	1,000,000	< 0.53	< 0.65	< 0.55	< 0.6	< 0.62	< 0.66	< 0.61	< 0.53	< 0.54
cis-1,2-Dichloroethylene	250	500,000	1,000,000	1.9	< 0.65	< 0.55	< 0.6	20	< 0.66	77	< 0.53	< 0.54
Tetrachloroethylene	1300	150,000	300,000	< 0.92	< 1.1	< 0.95	2.7	< 1.1	< 1.1	< 1	< 0.91	< 0.92
trans-1,2-Dichloroethylene	190	500,000	1,000,000	< 0.46	< 0.56	< 0.47	< 0.51	< 0.54	< 0.57	< 0.52	< 0.45	< 0.46
Trichloroethylene	470	200,000	400,000	17	14	63	5.5	< 0.71	2.3	7.9	< 0.61	16
Vinyl chloride	20	13,000	27,000	< 0.69	< 0.83	< 0.71	< 0.77	20	< 0.85	< 0.78	< 0.68	< 0.69

Lab Report No.:				20I1074	20I1074	20I1074	20I1074	20I1074
ID:	NY-375-6 SCO-UNRESTRICTED USE/ PROTECTION OF GROUNDWATER	NY-375-6 SCO-PROT OF PUBLIC HEALTH - COMMERICAL	NY-375-6 SCO-PROT OF PUBLIC HEALTH - INDUSTRIAL	EXT-NW-1	EXT-NW-2	EXT-NW-2	EXT-NW-3	OW-1 (0-2)
Depth (ft bg)				(1-3)	(1-3)	(5-7)	(1-3)	(0-2)
Date Collected:				9/16/2020	9/16/2020	9/16/2020	9/16/2020	9/16/2020
Chlorinated Volatile Organic Compounds (CVOCs) (ug/kg)								
1,1-Dichloroethylene	330	500,000	1,000,000	< 0.74	< 1.1	< 23	< 1	< 0.76
cis-1,2-Dichloroethylene	250	500,000	1,000,000	< 0.74	< 1.1	200	< 1	< 0.76
Tetrachloroethylene	1300	150,000	300,000	< 1.3	< 1.8	< 13	< 1.7	< 1.3
trans-1,2-Dichloroethylene	190	500,000	1,000,000	< 0.63	< 0.92	< 23	< 0.86	< 0.65
Trichloroethylene	470	200,000	400,000	< 0.84	< 1.2	< 18	< 1.1	< 0.87
Vinyl chloride	20	13,000	27,000	< 0.95	< 1.4	< 33	< 1.3	< 0.98

Legend

<1	Parameter not detected above the laboratory reporting limit
<1	Indicates the laboratory method detection limit is greater than one or more applicable comparison criteria
1	Parameter reported above the laboratory method detection limit but below the applicable regulatory standard/criterion
1	Parameter reported at a concentration greater than NY-375-6-SCO Unrestricted Use/Protection of Groundwater
1	Parameter reported at a concentration greater than NY-375-6-SCO Protection of Public Health - Commericial
1	Parameter reported at a concentration greater thanNY-375-6-SCO Protection of Public Health Industrial

Notes:
ft bg = feet below grade
ug/kg = micrograms per kilogram

Table 3
Groundwater Analytical Results
Chlorinated Volatile Organic Compounds (CVOCs)

8273 HALSEY ROAD, WHITESBORO, NY
HRP# WHI6527.RA

Lab Report No.:	TOGS 1.1.1 CLASS GA CRITERIA	20B0715	20F0191	20J0184	20B0715	20F0191	20J0184	20B0715	20F0191	20J0184
ID:		MW-2			MW-3			MW-4		
Date Collected:		2/13/2020	6/2/2020	10/1/2020	2/13/2020	6/2/2020	10/1/2020	2/13/2020	6/2/2020	10/1/2020
Chlorinated Volatile Organic Compounds (VOCs) (ug/L)										
1,1,1-Trichloroethane	5	< 10	< 2	< 0.2	**3.6**	**3.4**	**17**	< 1	< 1	< 0.2
1,1,2-Trichlorotrifluoroethane (freon 113)	5	< 10	< 2	< 0.32	< 1	< 1	**3**	< 1	**2.8**	**4.2**
1,1-Dichloroethane	5	< 10	< 2	< 0.16	**2.3**	**1.8**	**7.9**	< 1	< 1	< 0.16
cis-1,2-Dichloroethylene	5	**500**	**210**	**58**	**5.6**	**3.4**	**25**	**1.4**	**7.1**	**14**
Tetrachloroethylene	5	< 10	< 2	< 0.18	< 1	< 1	< 0.18	< 1	**9.3**	**2.5**
trans-1,2-Dichloroethylene	5	< 10	**2**	**1.1**	< 1	< 1	< 0.31	< 1	< 1	< 0.31
Trichloroethylene	5	**17**	**5.6**	**8.8**	**15**	**22**	**17**	**7**	**39**	**62**
Vinyl chloride	2	**120**	**47**	**27**	< 2	**2.5**	**54**	< 2	< 2	< 0.45

Lab Report No.:	TOGS 1.1.1 CLASS GA CRITERIA	20B0715	20J0184	20F0191	20B0715	20F0191	20B0715	20F0191	20B0715	20F0191	20B0715	20F0191
ID:		MW-5			MW-6		MW-7B		MW-7C		MW-8	
Date Collected:		2/13/2020	10/1/2020	6/2/2020	2/13/2020	6/2/2020	2/13/2020	6/2/2020	2/13/2020	6/2/2020	2/13/2020	6/2/2020
Chlorinated Volatile Organic Compounds (VOCs) (ug/L)												
1,1,1-Trichloroethane	5	< 1	< 0.2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichlorotrifluoroethane (freon 113)	5	< 1	< 0.32	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethane	5	< 1	< 0.16	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethylene	5	< 1	< 0.13	< 1	< 1	< 1	< 1	< 1	**11**	**17**	< 1	< 1
Tetrachloroethylene	5	< 1	< 0.18	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethylene	5	< 1	< 0.31	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethylene	5	**41**	**47**	**39**	< 1	< 1	< 1	< 1	**13**	**12**	< 1	**8.2**
Vinyl chloride	2	< 2	< 0.45	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

Lab Report No.:	TOGS 1.1.1 CLASS GA CRITERIA	20B0715	20F0191	20B0715	20F0191	20J0184	20B0715	20F0191	20B0715	20F0191	20B0715	20F0191
ID:		MW-9		MW-10		MW-11R	MW-12		MW-13		MW-14	
Date Collected:		2/13/2020	6/2/2020	2/13/2020	6/2/2020	10/1/2020	2/13/2020	6/2/2020	2/13/2020	6/2/2020	2/13/2020	6/2/2020
Chlorinated Volatile Organic Compounds (VOCs) (ug/L)												
1,1,1-Trichloroethane	5	< 1	< 1	< 1	< 1	**1.5**	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichlorotrifluoroethane (freon 113)	5	< 1	< 1	< 1	< 1	< 0.32	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethane	5	< 1	< 1	< 1	< 1	< 0.16	< 1	< 1	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethylene	5	< 1	< 1	< 1	< 1	**1.3**	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethylene	5	< 1	< 1	< 1	< 1	< 0.18	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethylene	5	< 1	< 1	< 1	< 1	< 0.31	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethylene	5	< 1	< 1	< 1	< 1	< 0.24	< 1	< 1	< 1	< 1	< 1	< 1
Vinyl chloride	2	< 2	< 2	< 2	< 2	< 0.45	< 2	< 2	< 2	< 2	< 2	< 2

Lab Report No.:	TOGS 1.1.1 CLASS GA CRITERIA	20B0715	20F0191	20J0184	20J0184	20J0184	20J0184	20J0184
ID:		RW-1		MW-6BR	MW-15R	HRP-1	HRP-2	HRP-BR-1
Date Collected:		2/13/2020	6/2/2020	10/1/2020	10/1/2020	10/1/2020	10/1/2020	10/1/2020
Chlorinated Volatile Organic Compounds (VOCs) (ug/L)								
1,1,1-Trichloroethane	5	< 1	< 1	< 0.2	< 10	< 0.2	< 0.2	< 0.2
1,1,2-Trichlorotrifluoroethane (freon 113)	5	< 1	< 1	< 0.32	< 16	< 0.32	< 0.32	< 0.32
1,1-Dichloroethane	5	< 1	< 1	< 0.16	< 8	< 0.16	< 0.16	< 0.16
cis-1,2-Dichloroethylene	5	< 1	< 1	< 0.13	**3,800**	< 0.13	< 0.13	< 0.13
Tetrachloroethylene	5	< 1	< 1	< 0.18	< 9	< 0.18	< 0.18	< 0.18
trans-1,2-Dichloroethylene	5	< 1	< 1	< 0.31	**100**	< 0.31	< 0.31	< 0.31
Trichloroethylene	5	< 1	**1.1**	< 0.24	< 12	< 0.24	**1.8**	< 0.24
Vinyl chloride	2	< 2	< 2	< 0.45	**1,300**	< 0.45	< 0.45	< 0.45

Legend

<1	Parameter not detected above the laboratory reporting limit
<1	Indicates the laboratory reporting limit is greater than one or more applicable comparison criteria
1	Parameter reported above the laboratory reporting limit but below the applicable regulatory standard/criterion
1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes:

µg/L = micrograms per liter

Table 4
Soil Vapor and Ambient Air Analytical Results
Volatile Organic Compounds (VOCs)

8273 HALSEY ROAD, WHITESBORO, NY
HRP# WHI6527.RA

Lab Report No.:	20B0716b	20B0716b	20B0716b	20B0716b	20B0716b	20B0716b	20B0716b	20B0716b
ID:	**EXT-DOWN**	**EXT-UP**	**INT-1**	**INT-2**	**INT-3**	**VP-1**	**VP-2**	**VP-3**
Date Collected:	**2/13/2020**	**2/13/2020**	**2/13/2020**	**2/13/2020**	**2/13/2020**	**2/13/2020**	**2/13/2020**	**2/13/2020**
Volatile Organic Compounds (VOCs) (ug/m^3)								
1,1,1-Trichloroethane	< 0.55	< 0.55	< 0.55	< 0.55	< 0.55	< 0.55	< 11	**20**
1,1,2-Trichlorotrifluoroethane (freon 113)	< 0.55	< 0.55	< 0.55	< 0.55	< 0.55	**5**	< 61	< 31
1,3,5-Trimethylbenzene	< 0.49	< 0.49	**0.6**	< 0.49	< 0.49	**0.68**	< 9.8	< 4.9
1,3-Dichlorobenzene	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	**50**	**32**	**36**
2-Butanone (MEK)	< 12	< 12	**75**	**330**	< 12	**51**	< 240	< 120
2-Propanol (Isopropyl alcohol)	< 9.8	< 9.8	**1,300**	**150**	< 9.8	**2,700**	**30,000**	**1,800**
Acetone	< 9.5	< 9.5	**43**	**30**	< 9.5	**1,800**	**14,000**	**720**
Benzene	**1**	**0.42**	**1.1**	**3.3**	**0.41**	**3.1**	< 6.4	**4.4**
Carbon disulfide	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	**9.8**	< 62	< 31
Carbon tetrachloride	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	**0.83**	< 13	< 6.3
Chloroform	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	**1.3**	< 9.8	< 4.9
cis-1,2-Dichloroethylene	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	**1**	< 7.9	< 4
Cyclohexane	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	**8.3**	< 6.9	< 3.4
Dichlorodifluoromethane	**1.8**	**1.8**	**1.7**	**1.7**	**1.9**	< 0.49	< 9.9	< 4.9
Ethanol	< 7.5	< 7.5	**41**	**140**	**510**	**26,000**	**20,000**	**23,000**
Ethylbenzene	< 0.43	< 0.43	**17**	< 0.43	< 0.43	**4.6**	< 8.7	< 4.3
m/p-Xylenes	< 0.87	< 0.87	**73**	< 0.87	< 0.87	**19**	< 17	< 8.7
Methyl isobutyl ketone (MIBK)	< 0.41	< 0.41	< 0.41	**1.1**	< 0.41	**3**	< 8.2	< 4.1
o-Xylene	< 0.43	< 0.43	**20**	< 0.43	< 0.43	**5.1**	< 8.7	< 4.3
Tetrahydrofuran	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	**4.9**	< 5.9	**4.1**
Toluene	< 0.38	< 0.38	**2.7**	**1.9**	**0.45**	**14**	**7.8**	**9.5**
Trichloroethylene	< 0.54	< 0.54	< 0.54	< 0.54	**2.3**	**0.8**	< 11	< 5.4

Lab Report No.:	20B0716b	20B0716b	20F0192b	20F0192b	20F0192b	20F0192b	20F0192b	20F0192b
ID:	**VP-4**	**VP-5**	**VP-6**	**VP-7**	**VP-8**	**VP-9**	**VP-10**	**VP-11**
Date Collected:	**2/13/2020**	**2/13/2020**	**6/2/2020**	**6/2/2020**	**6/2/2020**	**6/2/2020**	**6/2/2020**	**6/2/2020**
Volatile Organic Compounds (VOCs) (ug/m^3)								
1,1,1-Trichloroethane	< 5.5	< 11	**1.1**	**3.1**	**94**	< 1.1	< 1.1	< 1.1
1,1,2-Trichlorotrifluoroethane (freon 113)	**86**	**56,000**	< 6.1	**130**	**880**	**1,000**	**190**	< 6.1
1,3,5-Trimethylbenzene	< 4.9	< 9.8	< 0.98	**1.2**	< 0.98	< 0.98	< 0.98	**1.1**
1,3-Dichlorobenzene	**20**	**30**	**16**	**11**	**9.4**	**9.5**	**16**	**9**
2-Butanone (MEK)	< 120	< 240	**33**	**74**	**74**	**44**	**36**	**35**
2-Propanol (Isopropyl alcohol)	**940**	**1,600**	**2,400**	**1,700**	**1,400**	**1,800**	**2,300**	**2,300**
Acetone	**320**	**560**	**570**	**310**	**380**	**230**	**410**	**620**
Benzene	< 3.2	< 6.4	**0.98**	< 0.64	**0.88**	< 0.64	**1**	**0.78**
Carbon disulfide	< 31	< 62	< 6.2	< 6.2	< 6.2	< 6.2	< 6.2	< 6.2
Carbon tetrachloride	< 6.3	< 13	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Chloroform	< 4.9	**170**	< 0.98	< 0.98	< 0.98	< 0.98	**1**	< 0.98
cis-1,2-Dichloroethylene	< 4	**36**	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79
Cyclohexane	< 3.4	< 6.9	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69
Dichlorodifluoromethane	< 4.9	< 9.9	< 0.99	**2.5**	**6.4**	< 0.99	**2.6**	**2.5**
Ethanol	**14,000**	**21,000**	**9,600**	**11,000**	**7,700**	**9,000**	**8,300**	**10,000**
Ethylbenzene	< 4.3	< 8.7	**2.3**	**2.7**	**1.7**	**1.9**	**2**	**2.2**
m/p-Xylenes	< 8.7	< 17	**8.1**	**9.3**	**5.8**	**6.4**	**7.2**	**7.5**
Methyl isobutyl ketone (MIBK)	< 4.1	< 8.2	< 0.82	< 0.82	< 0.82	< 0.82	< 0.82	< 0.82
o-Xylene	< 4.3	< 8.7	**3**	**3.9**	**2.3**	**2.6**	**2.6**	**3.3**
Tetrahydrofuran	< 2.9	< 5.9	**7.7**	**9.1**	**10**	**5.9**	**6.5**	**6.5**
Toluene	**9.4**	**7.5**	**11**	**9.9**	**7.4**	**7.9**	**10**	**9.6**
Trichloroethylene	< 5.4	**140**	< 1.1	< 1.1	< 1.1	< 1.1	**1.1**	< 1.1

Legend

<1	Parameter not detected above the laboratory reporting limit
1	Parameter detected above the laboratory reporting limit

Notes
ug/m^3 = microgram per cubic meter

APPENDIX A
Field Data Logs

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: INT-SB-1
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 54LT	
Date: 9/14/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 4	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: N/A	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	3.5	Dry	0.0-.075	Concrete	0-2	0.0	1-3	1:45
			0.75-4.0	Brown sand and silt with trace gravel	2-4	0.0		
4								

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: INT-SB-2
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 54LT	
Date: 9/14/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 4	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: N/A	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	3.25	Dry	0.0-0.75	Concrete				
			0.75-1.25	Brown sand some silt with trace gravel	0-2	0.0	1-3	2:00
			1.25-4.0	Brown sand and silt with trace gravel	2-4	0.0		
4								

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: INT-SB-3
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 54LT	
Date: 9/14/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 8	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: N/A	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	1.25	Dry	0.0-0.75	Concrete				
			0.75-1.25	Brown sand little silt with trace gravel	0-2	0.0	1-3	2:20
			1.25-4.0	Brown sand and silt with trace gravel	2-4	0.0		
4								
	2.5	Wet	4.0-4.75	Brown sand and silt with trace gravel				
			4.75-5.0	Brown silt and gravel with little sand				
			5.0-6.0	Brown sand and silt with trace gravel	4-6	0.0		
			6.0-6.5	Brown silt and gravel with little sand				
			6.5-8.0	Brown sand and silt with trace gravel	6-8	0.0		
8		Moist						

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: INT-SB-4
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 54LT	
Date: 9/14/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 8	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: N/A	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
			0.0-0.25	Concrete				
	2.25	Dry	0.25-2.0	Brown sand and silt with trace gravel	0-2	0.0	1-3	3:05
			2.0-4.0	Brown silt and gravel with little sand	2-4	0.0		
4								
	2.25	Dry	4.0-4.25	Brown sand and silt with trace gravel				
			4.25-5.0	Gray gravel some silt				
		Wet	5.0-7.0	Brown sand and silt with some gravel	4-6	0.0		
					6-8	0.0	6-8	3:20
			7.0-8.0	Gray silt little gravel				
8								

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: INT-SB-5
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 54LT	
Date: 9/14/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 8	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: N/A	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
			0.0-0.25	Concrete				
	1.25	Dry	0.25-4.0	Brown sand and silt with trace gravel	0-2	0.0		
					2-4	0.0	2-4	3:35
4								
	3.0	Dry	4.0-6.0	SAA	4-6	0.0		
		Wet	6.0-8.0	Gray silt little gravel	6-8	0.0		
8								

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-NE-1
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 54LT	
Date: 9/14/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 8	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: N/A	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	3.0	Dry	0.0-1.5	Gray gravel some sand	0-2	0.0		
			1.5-2.0	Brown sand and silt with little gravel				
			2.0-4.0	Brown sand and silt with trace gravel	2-4	0.0	2-4	4:15
4								
	2.75	Dry	4.0-4.75	Gray gravel little sand				
		Wet	4.75-7.0	Brown fine grained sand and silt with trace gravel	4-6	0.0		
					6-8	0.0		
8			7.0-8.0	Brown/gray fine grained sand and silt with trace gravel				

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-NE-2
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 54LT	
Date: 9/14/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 8	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: N/A	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	3.25	Dry	0.0-1.5	Brown fine grained sand and silt with trace grvel	0-2	0.0	1-3	4:35
			1.5-2.0	Brown fine grained sand and silt with little gravel				
		Wet	2.0-3.0	Brown fine grained sand and silt with trace grvel	2-4	0.0		
4		Dry	3.0-4.0	Brown/gray fine grained sand and silt with trace grvel				
	2.25	Dry	4.0-5.0	SAA	4-6	0.0		
		Wet	5.0-8.0	Gray fine grained sand and silt with trace gravel	6-8	0.0		
8								

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-NW-1
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 7822 DT	
Date: 9/16/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 8	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: 8	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	5.0	Dry	0.0-4.0	Brown fine to medium grained sand with little gravel	0-2	0.0	1-3	2:30
					2-4	0.0		
5		Wet	4.0-5.0	Brown fine grained sand and silt with trace gravel				
	3.0	Wet	5.0-6.0	SAA	4-6	0.0		
			6.0-7.25	Brown/gray weathered shale and sand				
					6-8	0.0		
8		Moist	7.25-8.0	Brown/gray weathered shale some sand; Refusal at 8 feet				

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-NW-2
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 7822	
Date: 9/16/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 9	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: 9	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm)		Soil Sample Details	
					Depth (ft)	Reading	Interval (ft)	Sample Time
	4.0	Dry	0.0-1.0	Brown medium grained sand with trace gravel	1-3	0.0	1-3	2:30
			1.0-2.0	Brown sand and gravel				
			2.0-4.0	Brown fine grained sand and silt with trace gravel				
		Moist						
5		Wet	4.0-5.0	Gray sand and gravel. Observed odor				
	3.75	Wet	5.0-6.5	SAA	5-7	1.0	5-7	2:50
		Dry	6.5-9.0	Brown/gray weathered shale some sand. Refusal at 9 feet.				
9								

NOTES	USCS SOIL CLASSIFICATION	
ft = feet	CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
SAA = Same as above	CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
NA = Not applicable	GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
PID = Photoionization Detector	GM (Silty Gravel)	SC (Clayey Sand)
ppm = parts per million	GP (Poorly Graded Gravel)	SM (Silty Sand)
	GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
	MH (Elastic Silt)	SW (Well-Graded Sand)
	ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-NW-3
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 7822	
Date: 9/16/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 8	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: 8	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm)		Soil Sample Details	
					Depth (ft)	Reading	Interval (ft)	Sample Time
	5.0	Dry	0.0-1.75	Brown medium grained sand with trace gravel				
			1.75-2.0	Brown sand some gravel	1-3	0.0	1-3	3:00
			2.0-3.5	Brown sand some silt with trace gravel				
5			3.5-5.0	Brown /gray sand with some gravel	3-5	0.0		
	3.0	Dry	5.0-6.25	SAA				
		Wet	6.25-8.0	Weathered shale and brown sand	5-7	0.0		
8								

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: OW-1
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Shovel	
Date: 9/14/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 2	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: N/A	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm)		Soil Sample Details	
					Depth (ft)	Reading	Interval (ft)	Sample Time
2	2.0	Dry		Brown medium grained sand with little gravel	0-2	0.0	1-2	4:00

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-NE-3
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 7822	
Date: 9/14/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 10	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: N/A	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	4.25	Dry	0.0-1.0	Brown sand some gravel			2-4	8:55
			1.0-4.25	Brown sand and silt with trace gravel	1-3	0.0		
					3-5	0.0		
5		Wet	4.25-5.0	Brown/gray sand and silt with trace gravel				
	3.5	Wet	5.0-9.0	gray fine grained sand and silt with trace gravel	6-8	0.0		
					8-10	0.0		
10			9.0-10.0	Gray fine grained sand and silt with some weathered shale				

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Monitoring Well ID:EXT-W-1
Location: 8273 Halsey Road, Whitesboro NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No.WHI6526.P2	Rig Type: Geoprobe 7822	
Date: 9/17/2020	Driller:Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 10	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: 10	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	4.25	Dry	0.0-0.75	Asphalt	0-2	0.0		
			0.75-3.0	Slag				
		Moist	3.0-3.5	Brown sand some gravel				
5			3.5-5.0	Brown/gray sand and silt with trace gravel	2-4	9.4	2-4	9:15
	3.75	Wet	5.0-9.0	SAA				
10			9.0-10.0	Gray fine to medium grained sand and silt with little weathered shale. Bedrock encountered at 10 feet				
15								
20								
25								
30								

Monitoring Well Details

from	to	Borehole Diam. (in.)	Casing Diam. (in.)	Casing Material	Riser Diam. (in.)	Riser Material	Screen Diam. (in.)	Screen Material	Screen Slot Size

NOTES

ft = feet
OD = Outside Diameter
ID = Inside Diameter
SAA = Same as above
NA = Not applicable
PID = Photoionization Detector
ppm = parts per million

ANNULAR FILL MATERIALS

from	to	Material

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-W-2
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 7822	
Date: 9/17/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 10	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: 10	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	3.5/5	Dry	0.0-1.0	Asphalt				
			1.0-2.25	Black coarse grained sand some gravel. Observed odor	1-3	111.2	1-3	9:35
			2.25-4.5	Brown fine grained sand and silt with trace gravel	3-5	0.5		
5		Moist	4.5-5	Red brick				
	4/5	Dry	5.0-10.0	Brown fine grained sand and silt with trace gravel. Observed mild odor at 5-7 feet	5-7	1.5		
10		Moist			8-10	0.5		

NOTES

ft = feet
SAA = Same as above
NA = Not applicable
PID = Photoionization Detector
ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: FB-1
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 7822	
Date: 9/17/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 9.8	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: 9.8	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	4.0	Dry	0.0-3.0	Brown medium grained sand trace gravel	0-2	0.0		
		Moist	3.0-3.75	Black sand and silt little gravel. Observed odor	3-5	29.8	3-5	10:00
5			3.75-5.0	Brown/gray sand and silt little gravel. Observed mild odor				
	1.5	Wet	5.0-9.0	Brown sand and silt with trace gravel	8-10	0.0		
9.8		Moist		Brown/gray weathered shale and sand. Refusal at 9.8 feet				

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: FB-2
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 7822	
Date: 9/17/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 14	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: 14	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	2.5	Dry	0.0-3.0	Brown medium grained sand with trace gravel	1-3	0.2	1-3	10:40
			3.0-5.0	Brown/gray medium to fine grained sand some silt with trace gravel. Observed brick at 5 feet				
5								
	3.5	Moist	5.0-8.0	Brown fine grained sand and silt with trace gravel.	5-7	1.0		
		Wet			8-10	39.0	8-10	10:35
			8.0-10.0	Brown/gray fine grained sand and silt with trace gravel. Observed odor.				
10		Moist						
	3.25	Wet	10.0-12.5	Brown/gray fine grained sand and silt with trace gravel. Observed mild odor.	10-12	0.7		
					12-13	10.9		
		Moist	12.5-13.25	Gray fine grained sand and silt with trace gravel. Observed mild odor				
			13.25-14.0	Gray silt and weathered shale. Refusal at 14 feet.	13-14	5.0		
14								

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: FB-3
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 7822	
Date: 9/17/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 10	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: N/A	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	4.25	Dry	0.0-2.25	Brown medium grained sand little gravel	1-3	0.0	2-4	10:55
			2.25-5.0	Brown fine grained sand and silt with trace gravel	3-5	0.0		
5								
	4.0	Wet	5.0-9.0	SAA	5-7	0.0		
					8-10	0.0		
10			9.0-10.0	Brown/gray fine grained sand and silt with trace gravel				

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: FB-4
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 7822	
Date: 9/17/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 10	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: N/A	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	4.75	Dry	0.0-2.25	Brown medium grained sand with trace gravel	1-3	0.0	1-3	11:05
			2.25-5.0	Brown fine grained sand and silt with trace gravel	3-5	0.0		
5		Moist						
	4	Wet	5.0-8.25	SAA	5-7	0.0		
		Moist	8.25-10.0	Brown/gray fine grained sand and silt with trace gravel	8-10	0.0		
10								

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-SW-1
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 7822	
Date: 9/17/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 10	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: N/A	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
			0.0-1.0	Asphalt				
		Dry	1.0-1.5	Brown sand some gravel				
	4.0		1.5-3.0	Gray/brown fine grained sand and silt little gravel. Observed odor	1-3	4.9	2-4	11:20
		Moist	3.0-5.0	Brown fine grained sand and silt with trace gravel	3-4	8.0		
5					4-5	0.2		
		Moist			5-7	0.0		
	4.25	Wet	5.0-10.0	SAA	8-10	0.0		
10		Moist						

NOTES	USCS SOIL CLASSIFICATION	
ft = feet	CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
SAA = Same as above	CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
NA = Not applicable	GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
PID = Photoionization Detector	GM (Silty Gravel)	SC (Clayey Sand)
ppm = parts per million	GP (Poorly Graded Gravel)	SM (Silty Sand)
	GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
	MH (Elastic Silt)	SW (Well-Graded Sand)
	ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-SW-2
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 7822	
Date: 9/17/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 10	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: N/A	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm)		Soil Sample Details	
					Depth (ft)	Reading	Interval (ft)	Sample Time
	3.75	Dry	0.0-1.0	Brown sand little gravel	1-3	0.1	1-3	11:35
			1.0-2.0	Gray fine grained sand and silt trace gravel. Observed odor.				
			2.0-2.5	Gray gravel				
		Moist	2.5-5.0	Brown fine grained sand and silt with trace gravel	3-5	0.0		
5								
	3.0	Wet	5.0-10.0	SAA				
10		Moist						

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-SW-3
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 7822	
Date: 9/17/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 10	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: N/A	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm)		Soil Sample Details	
					Depth (ft)	Reading	Interval (ft)	Sample Time
	5.0	Dry	0.0-2.0	Brown medium grained sand little gravel	1-3	0.0	1-3	11:45
			2.0-5.0	Brown fine grained sand and silt with trace gravel	3-5	0.0		
5								
	3.0	Moist	5.0-6.75	SAA				
		Wet	6.75-10.0	Brown medium grained sand and gray gravel				
10								

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-SW-4
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 7822	
Date: 9/17/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 10	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: N/A	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	4.0	Dry	0.0-2.0	Brown medium grained sand little gravel	1-3	0.0	2-4	12:50
		Moist	2.0-5.0	Brown fine grained sand and silt with trace gravel	3-5	0.0		
5								
	2.75	Wet	5.0-9.0	SAA	5-7	0.0		
10		Moist	9.0-10.0	Gray weathered shale and silt	9-10	0.0		

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-SW-5
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 7822	
Date: 9/17/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 14	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: 14	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	4.75	Dry	0.0-2.75	Brown medium grained sand little gravel	1-3	0.0	1-3	1:10
		Moist	2.75-5.0	Brown fine grained sand and silt with trace gravel	3-5	0.0		
5								
	4.0	Wet	5.0-9.5	SAA	5-7	0.8		
					8-10	11.0	8-10	1:35
10		Moist	9.5-10.0	Gray fine grained sand and silt. Observed odor				
	4.0	Dry	10.0-14.0	Gray weathered shale and silt	10-12	10.0		
14								

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-SW-6
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 7822	
Date: 9/17/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 10	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: N/A	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	5.0	Dry	0.0-3.0	Brown medium grained sand little gravel	1-3	0.0		
			3.0-3.5	Gray gravel				
5		Moist	3.5-5.0	Brown fine grained sand and silt trace gravel. Observed odor.	3-5	176.1	3-5	1:30
	3.75	Wet	5.0-9.5	SAA. Observed mild odor	5-7	0.1		
					8-10	0.7		
10		Moist	9.5-10.0	Gray weathered shale and silt				

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: FDS-1
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 7822	
Date: 9/17/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 10	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: N/A	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
			0.0-0.5	Brown medium grained sand some gravel				
			0.5-1.0	Brown fine grained sand some gravel				
	4.5	Dry	1.0-4.25	Brown fine to medium grained sand little gravel	1-3	0.0	1-3	2:05
					3-5	0.0		
5		Moist	4.25-5.0	Brown fine grained sand and silt with little gravel				
	3.75	Moist	5.0-10.0	Brown fine grained sand and silt with trace gravel	5-7	0.0		
10					8-10	0.0		

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: FDS-2
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 7822	
Date: 9/17/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 10	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: N/A	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
0	4.5	Dry	0.0-5.0	Brown fine to medium grained sand little gravel	1-3	0.0	2-4	2:20
					3-5	0.1		
5	3.25	Wet	5.0-7.5	Brown fine grained sand and silt with trace gravel	5-7	1.0		
			7.5-10.0	Brown/gray fine grained sand and silt with trace gravel	8-10	1.0		
10		Moist						

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: FDS-3
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 7822	
Date: 9/17/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 10	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: N/A	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	4.5	Dry	0.0-4.5	Brown fine to medium grained sand little gravel	1-3	0.0	1-3	2:25
					3-5	0.0		
5			4.5-5.0	Brown fine grained sand and silt with trace gravel				
	3.25	Moist	5.0-10.0	Brown fine grained sand and silt with trace shale fragments	5-7	0.0		
					7-9	0.0		
10								

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: FDS-4
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 7822	
Date: 9/17/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 10	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: N/A	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	4.0	Dry	0.0-1.0	Brown medium grained sand little gravel				
			1.0-2.0	Gray gravel and sand	1-3	0.0	2-4	2:40
		Moist	2.0-5.0	Brown fine to medium grained sand and silt with trace gravel	3-5	0.0		
5								
	3.25	Moist	5.0-10.0	SAA	5-7	0.0		
					8-10	0.0		
10								

NOTES	USCS SOIL CLASSIFICATION	
ft = feet	CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
SAA = Same as above	CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
NA = Not applicable	GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
PID = Photoionization Detector	GM (Silty Gravel)	SC (Clayey Sand)
ppm = parts per million	GP (Poorly Graded Gravel)	SM (Silty Sand)
	GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
	MH (Elastic Silt)	SW (Well-Graded Sand)
	ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: FDS-5
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 7822	
Date: 9/17/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 10	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: N/A	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	3.75	Dry	0.0-2.0	Brown sand and gravel	1-3	0.0	1-3	2:50
			2.0-5.0	Brown sand and silt with trace gravel	3-5	0.0		
5		Wet						
	4.0	Wet	5.0-10.0	SAA	5-7	0.0		
		Moist			8-10	0.0		
10								

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: FDS-6
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 7822	
Date: 9/17/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 10	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: 10	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	3.75	Dry	0.0-1.0	Asphalt				
			1.0-1.5	Brown medium grained sand trace gravel	1-3	0.0	2-4	3:20
			1.5-2..0	Slag				
			2.0-5.0	Brown fine grained sand and silt with trace gravel	3-5	0.0		
5		Moist						
	2.5	Moist	5.0-9.5	SAA	5-7	0.0		
					8-10	0.1		
10			9.5-10.0	Gray weathered shale				

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: FDS-7
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 7822	
Date: 9/17/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 10	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: N/A	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	3.0	Dry	0.0-1.0	Asphalt				
			1.0-1.5	Brown medium grained sand	1-3	1.8	1-3	3:35
			1.5-2..0	Slag. Observed odor				
			2.0-4.0	Brown fine grained sand and silt with trace gravel	3-5	1.1		
5			4.0-5.0	Brown/gray fine grained sand and silt with trace gravel and shale fragments				
	3.75	Moist	5.0-10.0	SAA	5-7	0.0		
10					8-10	0.0		

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: FDS-8
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 7822	
Date: 9/17/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 10	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: 10	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	4.0	Dry	0.0-1.0	Asphalt				
			1.0-2.0	Slag	0-2	0.3	1-3	2:05
			2.0-5.0	Brown fine grained sand and silt with trace gravel and shale fragments	2-4	0.0		
5								
	3.5	Wet	5.0-7.5	SAA	6-8	0.0		
		Dry	7.5-10.0	Gray weathered shale and silt	8-10	0.0		
10								

NOTES	USCS SOIL CLASSIFICATION	
ft = feet	CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
SAA = Same as above	CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
NA = Not applicable	GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
PID = Photoionization Detector	GM (Silty Gravel)	SC (Clayey Sand)
ppm = parts per million	GP (Poorly Graded Gravel)	SM (Silty Sand)
	GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
	MH (Elastic Silt)	SW (Well-Graded Sand)
	ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Test Boring ID: FDS-9
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 7822	
Date: 9/17/2020	Driller: Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 10	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: 10	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	4.0	Dry	0.0-1.0	Asphalt				
			1.0-1.75	Slag	0-2	0.1	1-3	4:00
			1.75-5.0	Brown fine grained sand and silt with trace gravel. Observed odor at 1.75-2.0 feet	2-4	0.0		
5								
	4.5	Wet	5.0-7.5	SAA	6-8	0.0		
		Dry	7.5-10.0	Gray weathered shale and silt	8-10	0.0		
10								

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Monitoring Well ID: HRP-1
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Hollow Stem Auger	
Date: 9/15/2020	Driller:Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 7.5	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: 7.5	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm)		Soil Sample Details	
					Depth (ft)	Reading	Interval (ft)	Sample Time
7.5				Augered to 7.5 feet where bedrock was encountered. Tailings generally consist of brown fine grained sand and silt. Installed 2" MW at 7.5 feet with 5-foot 10 slot screen and 2.5-foot PVC riser. Finished MW with flush mount road box with concrete collar.				

Monitoring Well Details

from	to	Borehole Diam. (in.)	Casing Diam. (in.)	Casing Material	Riser Diam. (in.)	Riser Material	Screen Diam. (in.)	Screen Material	Screen Slot Size
0.0	7.5	4.25	2	PVC	2	PVC	2	PVC	10-slot screen from 2.5-7.5 feet

NOTES

ft = feet
OD = Outside Diameter
ID = Inside Diameter
SAA = Same as above
NA = Not applicable
PID = Photoionization Detector
ppm = parts per million

ANNULAR FILL MATERIALS

from	to	Material
7.5	5.5	sand
5.5	4.5	bentonite
4.5	0	native soils

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Monitoring Well ID: HRP-2
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 7822	
Date: 9/16/2020	Driller:Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 13	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: 12.5	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	5.0	Dry	0.0-3.5	Brown fine grained sand some silt trace gravel				
5			3.5-5.0	Gray fine grained sand some silt with fractured shale				
	4.8	Dry	5.0-10.0	SAA				
10								
	2.8	Moist	10.0-13.0	Gray fractured shale. Refusal encountered at 13 feet. Installed 2-inch MW at 12.5 feet with 10-foot 10-slot screen and 2.5 feet PVC riser. Finished MW with flush mount road box with concrete collar.				
13								

Monitoring Well Details

from	to	Borehole Diam. (in.)	Casing Diam. (in.)	Casing Material	Riser Diam. (in.)	Riser Material	Screen Diam. (in.)	Screen Material	Screen Slot Size
0.0	12.5	4.25	2	PVC	2	PVC	2	PVC	10-slot screen from 2.5-12.5 feet

NOTES

ft = feet
OD = Outside Diameter
ID = Inside Diameter
SAA = Same as above
NA = Not applicable
PID = Photoionization Detector
ppm = parts per million

ANNULAR FILL MATERIALS

from	to	Material
12.5	1.5	Sand
1.5	0.8	Bentonite
0.8	0	native soils

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Monitoring Well ID:MW-11R
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Hollow Stem Auger CME SS LC	
Date: 9/15/2020	Driller:Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 17.5	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: 17.5	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	4.25	Dry	0.0-1.5	Brown fine to medium grained sand trace gravel	1-3	0.0		
			1.5-3.0	Brown fine to medium grained sand little gravel				
5			3.0-5.0	Brown fine grained sand and silt trace gravel	3-5	0.0		
	3.5	Moist	5.0-8.5	SAA	5-8	0.0		
9			8.5-9.0	Brown/gray medium to fine grained sand some gravel				
	4.25	Moist	9.0-10.0	SAA	9-11	0.0		
			10.0-14.0	Brown/gray medium to fine grained sand and gravel with little silt				
14		Dry			12-14	0.0		
	3.3	Wet	14.0-15.0	Brown/gray sand and gravel with some silt				
		Dry	15.0-17.0	SAA	15-17	0.0		
17.5			17.-17.5	Fractured shale. Refusal at 17.5 feet				
				Set MW at 17.5 feet with 10-feet 10-slot screen and 7.5-feet of 2-inch PVC riser. Finished MW with flush mount road box and concrete collar				

Monitoring Well Details

from	to	Borehole Diam. (in.)	Casing Diam. (in.)	Casing Material	Riser Diam. (in.)	Riser Material	Screen Diam. (in.)	Screen Material	Screen Slot Size
0.0	17.5	4 &7	2	PVC	2	PVC	2	PVC	10-slot from 7.5 - 17.5 feet

NOTES

ft = feet
OD = Outside Diameter
ID = Inside Diameter
SAA = Same as above
NA = Not applicable
PID = Photoionization Detector
ppm = parts per million

ANNULAR FILL MATERIALS

from	to	Material
17.5	5	sand
5	2	bentonite
2	0	native soils

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	**HRP ASSOCIATES, INC.**	Monitoring Well ID:MW-15R
Location: 8273 Halsey Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6526.P2	Rig Type: Geoprobe 7822	
Date: 9/16/2020	Driller:Glacier	
HRP Rep. LAB/DJA	**PROPORTIONS**	
Total Boring Depth: 11.5	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: 11	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	3.5	Dry	0.0-1.5	Brown medium grained sand some gravel	0-1	0.0		
		Moist	1.5-2.0	Gray/brown medium grained sand little gravel				
			2.30-4.0	Gray/black fine grained sand and silt. Observed odor	2-4	6.0	2-4	4:30
5			4.0-5.0	Brown/gray medium to fine grained sand and silt with trace gravel				
	3	Wet	5.0-8.0	Gray fine grained sand and silt trace gravel. Observed odor	6-8	3.0		
		Moist	8.0-10.0	Gray fine grained sand and silt little gravel. Observed odor	8-10	2.5	8-10	5:00
10		Wet	10.0-11.0	SAA. Observed odor				
		Moist	11.0-11.5	Gray sand and silt some shale fragments. Observed odor. Refusal at 11.5 feet.				
				Set MW at 11 feet with 7-feet 10-slot screen and 4-feet of 2-inch PVC riser. Finished MW with flush mount road box and concrete collar	10-11.5	6.0	10-11.5	5:15
15								

Monitoring Well Details

from	to	Borehole Diam. (in.)	Casing Diam. (in.)	Casing Material	Riser Diam. (in.)	Riser Material	Screen Diam. (in.)	Screen Material	Screen Slot Size
0.0	11.0	4	2	PVC	2	PVC	2	PVC	10-slot from 4-11 feet

NOTES

ft = feet
OD = Outside Diameter
ID = Inside Diameter
SAA = Same as above
NA = Not applicable
PID = Photoionization Detector
ppm = parts per million

ANNULAR FILL MATERIALS

from	to	Material

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft	HRP ASSOCIATES, INC.	Test Boring/Monitor Well ID: HRP-BR-1	
Location: 8273 Halsey Road, Whitesboro NY	***DRILLING/SOIL LOG***		
HRP# WHI6526.P2		Sheet No. 1 of 1	
	Rig Type: CME 55 Hollow Stem Auger		
Date: 9/15/2020	**Hammer (weight [lb] / fall [inches])**	Driller:	
HRP Rep.			
Ground Elevation:	**PROPORTIONS**		
Total Boring Depth: 25.5	trace: 0 to 10% some: 20 to 35%		
Depth to Bedrock: 7.5	little: 10 to 20% and: 35 to 50%		

	Casing	*Sampler*	*Core Barrel*
Type	HSA/FWC		
O.D. (inch)			
I.D. (inch)	4.25"/4"		

Sampler Depth interval (ft)	Minutes/ feet	Recovery (ft)	Moisture	Contact Interval (ft)	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
				0.0-1.5	Brown sand and gravel little silt	0-2	0.0		
		3.5	Dry	1.5-5.0	Brown fine grained sand and silt with trace gravel	2-4	0.0		
5						4-6	0.0		
			Dry	5.0-6.0	SAA				
				6.0-6.5	Fractured shale some sand				
			Wet	6.5-7.5	Brown sand and silt some gravel	6-8	0.0		
				7.5-10.0	Gray weathered shale little sand				
10						8-10	0.0		
11				10.0-11.0	SAA				
	4.5					11-13	0		
	4	R1 4.75 RQD=0		11.0-15.0	Gray horizontally bedded and highly fissile shale				
	5.5					13-15	0.0		
	4								
16	4								
	5					16-18	0.0		
	4				SAA				
	5	R2 5 RQD=0				18-20	0.0		
	5								
21	4								
	4				SAA	21-23	0.0		
	4.5	R3 5 RQD=10%							
	5								
	3.5				Set well at 25.5 feet with 10 feet of 10-slot screen and 15.5 feet of 2-inch PVC riser. Finished well with flush mount road box and concrete collar				
26	4								

Monitoring Well Details

from	to	Borehole Diam. (in.)	Casing Diam. (in.)	Casing Material	Riser Diam. (in.)	Riser Material	Screen Diam. (in.)	Screen Material	Screen Slot Size
0.0	25.5	4	2	PVC	2	PVC	2	PVC	10-slot from 25.5-15.5 feet

NOTES

NA = Not applicable SAA = Same as above

PID = Photoionization Detector

ppm = parts per million

ft = feet

OD = Outside Diameter

ID = Inside Diameter

NM = Not measured

NE = Not encountered

ANNULAR FILL MATERIALS

from	to	Material
25.5	14.5	Sand
14.5	12.5	Bentonite
12.5	2.0	Grout
2.0	0.0	Native soils

Penetration Resistance-140 lb./30" on 2" O.D. sampler

Cohesionless Density		Cohesive Consistence	
# Blows/ft	Desc.	*# Blows/ft*	Desc.
0-4	very loose	0-2	very soft
5-9	loose	3-4	soft
10-29	medium dense	5-8	medium stiff
30-49	dense	9-15	stiff
50+	very dense	16-30	very stiff
		31+	hard

Project: Whitcraft	HRP ASSOCIATES, INC.	Test Boring/Monitor Well ID: MW-6BR	
Location: 8273 Halsey Rd Whitesboro NY	***DRILLING/SOIL LOG***		
HRP# WHI6526.P2		Sheet No. 1 of 2	
	Rig Type: CME 55 Hollow Stem Auger		
Date: 9/16/2020	**Hammer (weight [lb] / fall [inches])**	Driller: Glacier	
HRP Rep. LAB/DJA			
Ground Elevation:	**PROPORTIONS**		
Total Boring Depth: 28.75	trace: 0 to 10% some: 20 to 35%		
Depth to Bedrock: 13.5	little: 10 to 20% and: 35 to 50%		

	Casing	Sampler	Core Barrel
Type	HAS FWC		
O.D. (inch)			
I.D. (inch)	4.25 & 5		

Sampler Depth interval (ft)	Sampler Blows per 6"	Recovery (ft)	Moisture	Contact Interval (ft)	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
		3.75	Dry	0.0-2.75	Brown medium grained sand some gravel	0-2	0.0		
				2.75-3.0	Brown medium to fine grained sand some gravel little silt	2-4	0.1		
5				3.0-5.0	Brown fine grained sand and silt trace gravel				
		4.5	Dry	5.0-6.5	Brown fine grained sand and silt some gravel				
				6.5-9.0	Brown/gray medium to fine grained sand some gravel	5-7	0.0		
10				9.0-10	Weathered shale little sand	8-10	0.0		
		3	Dry	10.0-13.5	SAA. Competent rock at 13.5 feet. Gray horizontally bedded and highly fissile shale	10-12	0.0		
13.5			Wet						
	2.5	R1 5.0 RQD=0			SAA				
	2.5								
	2.5								
	3.0								
18.8	3.5								
	3.0	R2 5.0 RQD=0			SAA				
	3.0								
	3.5								
	3.5								
23.5	3.5								

Monitoring Well Details

from	to	Borehole Diam. (in.)	Casing Diam. (in.)	Casing Material	Riser Diam. (in.)	Riser Material	Screen Diam. (in.)	Screen Material	Screen Slot Size
0.0	28.8	5	5 & 4.25		2	PVE	2	PVC	10-slot from 28.75 to 18.75 feet

NOTES

NA = Not applicable SAA = Same as above

PID = Photoionization Detector

ppm = parts per million

ft = feet

OD = Outside Diameter

ID = Inside Diameter

NM = Not measured

NE = Not encountered

ANNULAR FILL MATERIALS

from	to	Material
28.8	17.8	Sand
17.8	15.8	Bentonite
15.8	4.0	Grout
4.0	0.0	Native soils

Penetration Resistance-140 lb./30" on 2" O.D. sampler

Cohesionless Density # *Blows/ft*	Cohesionless Density Desc.	Cohesive Consistence # *Blows/ft*	Cohesive Consistence Desc.
0-4	very loose	0-2	very soft
5-9	loose	3-4	soft
10-29	medium dense	5-8	medium stiff
30-49	dense	9-15	stiff
50+	very dense	16-30	very stiff
		31+	hard

Project: Whitcraft	HRP ASSOCIATES, INC.	Test Boring/Monitor Well ID: MW-6BR	
Location: 8273 Halsey Rd Whitesboro NY	***DRILLING/SOIL LOG***		
HRP# WHI6526.P2		Sheet No. 2 of 2	
	Rig Type: CME 55 Hollow Stem Auger		
Date: 9/16/2020	**Hammer (weight [lb] / fall [inches])**	Driller: Glacier	
HRP Rep. LAB/DJA			
Ground Elevation:	**PROPORTIONS**		
Total Boring Depth: 28.75	trace: 0 to 10% some: 20 to 35%		
Depth to Bedrock: 13.5	little: 10 to 20% and: 35 to 50%		

	Casing	Sampler	Core Barrel
Type	HAS FWC		
O.D. (inch)			
I.D. (inch)	4.25 & 5		

Sampler Depth interval (ft)	Sampler Blows per 6"	Recovery (ft)	Moisture	Contact Interval (ft)	Soil Description (proportions, grain size, etc.)	PID (ppm)		Soil Sample Details	
						Depth (ft)	Reading	Interval (ft)	Sample Time
	2.0								
	3.0	R3							
	3.5	5.5			SAA				
	3.5	RQD=0							
28.5	4.0								
	3.0								
					Set well at 28.75 feet with 10 feet of 10-slot screen and 18.75 feet of 2-inch PVC riser. Finished well with flush mount road box and concrete collar				

Project: Whitcraft, LLC	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-NE-4
Location: 8273 Haley Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6527.RA	Rig Type: GeoProbe 7822DT	
Date: 5/24/2021	Driller: Glacier	
HRP Rep. Lauren Buffone	**PROPORTIONS**	
Total Boring Depth: 9'	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: NA	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm)		Soil Sample Details	
					Depth (ft)	Reading	Interval (ft)	Sample Time
	3.5'	Dry	0.5	black asphalt				
			1.0	brown/ red coarse SAND, some gravel, trace coal ash	1-3	0		
			1.25	brown medirum SAND and SILT, some gravel				
					3-5	0	3-5	1305
		moist						
5								
	4'	wet	5.0	brown fine SAND and SILT, trace gravel	5-7	0		
					7-9	0	7-9	1310
			9.0	refusal				
10								
15								
20								
25								
30								
35								
40								

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft, LLC	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-NE-5
Location: 8273 Haley Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6527.RA	Rig Type: GeoProbe 7822DT	
Date: 5/24/2021	Driller: Glacier	
HRP Rep. Lauren Buffone	**PROPORTIONS**	
Total Boring Depth: 9'	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: NA	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm)		Soil Sample Details	
					Depth (ft)	Reading	Interval (ft)	Sample Time
		Dry	0.5	black asphalt	1-3	0	1-3	1320
	3'7"		1.25	brown medium SAND, little gravel				
			3.75	brown fine SAND and SILT, little gravel	3-5	0		
		Moist						
5	3'4"	Wet	5.0	brown fine SAND and SILT, trace gravel	5-7	0	5-7	1325
			6.5	brown fine SAND and SILT, tracel gravel	7-9	0		
			9.0	refusal				
10								
15								
20								
25								
30								
35								
40								

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft, LLC	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-NE-6
Location: 8273 Haley Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6527.RA	Rig Type: GeoProbe 7822DT	
Date: 5/24/2021	Driller: Glacier	
HRP Rep. Lauren Buffone	**PROPORTIONS**	
Total Boring Depth: 9'	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: NA	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm)		Soil Sample Details	
					Depth (ft)	Reading	Interval (ft)	Sample Time
	3'10"	Dry	0.8	Asphalt brown/ red GRAVEL and COAL ASH	1-3	0.0		
			1.00	brown fine SAND and SILT, trace gravel				
			2.75	brown/ gray SAND and SILT, trace gravel	3-5	0	3-5	1355
5		Moist						
	3/10"	Wet	5.0		5-7	0		
			6.25	SAA				
				gray fine SAND and SILT, trace gravel				
					7-9	0	7-9	1340
10			9.5	refusal				
15								
20								
25								
30								
35								
40								

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft, LLC	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-NE-7
Location: 8273 Haley Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6527.RA	Rig Type: GeoProbe 7822DT	
Date: 5/24/2021	Driller: Glacier	
HRP Rep. Lauren Buffone	**PROPORTIONS**	
Total Boring Depth: 10	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: NA	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm)		Soil Sample Details	
					Depth (ft)	Reading	Interval (ft)	Sample Time
	3'7"		0.75	Asphalt	1-3	0	1-3	1400
				brown fine SAND and SILT, trace gravel	3-5	0		
		moist	4.25					
5				gray fine SAND and SILT, trace gravel				
	3'	wet	5.0		5-7	0	5-7	1415
				SAA	7-9	0		
10			10.0	refusal				
15								
20								
25								
30								
35								
40								

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft, LLC	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-NE-8
Location: 8273 Haley Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6527.RA	Rig Type: GeoProbe 7822DT	
Date: 5/24/2021	Driller: Glacier	
HRP Rep. Lauren Buffone	**PROPORTIONS**	
Total Boring Depth: 10	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: NA	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm)		Soil Sample Details	
					Depth (ft)	Reading	Interval (ft)	Sample Time
	4'	Dry	0.75	Asphalt				
				brown medium SAND and SILT, little gravel	1-3	0		
			2.0					
			3.00	black fine SAND and SILT, trace gravel, slight odor	3-5	0	3-5	1410
5				brown/ gray fine SAND and SILT, trace gravel				
	5'	wet	5.0		6-8	0		
				gray fine SAND and SILT, trace gravel				
					8-10	0	8-10	1415
10								
			10.0	refusal				
15								
20								
25								
30								
35								
40								

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft, LLC	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-NE-9
Location: 8273 Haley Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6527.RA	Rig Type: GeoProbe 7822DT	
Date: 5/24/2021	Driller: Glacier	
HRP Rep. Lauren Buffone	**PROPORTIONS**	
Total Boring Depth: 10	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: NA	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm)		Soil Sample Details	
					Depth (ft)	Reading	Interval (ft)	Sample Time
	3'6"	Dry	0.50	Asphalt				
				brown medium grained SAND and SILT, some gravel	1-3	0		
			2.0					
				brown fine grained SAND and SILT, trace gravel	3-5	0	3-5	1430
5								
	3'10"		5.0		5-7	0	5-7	1435
			5.5	SAA				
		moist		brown fine grained SAND and SILT, little gravel				
			8.0		8-10	0		
				gray fine grained SAND and SILT, trace gravel				
10								
			10.0	refusal				
15								
20								
25								
30								
35								
40								

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft, LLC	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-SW-7
Location: 8273 Haley Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6527.RA	Rig Type: Truck Mounted 5400	
Date: 9/2/2021	Driller: ATL	
HRP Rep. Kristen Amodeo	**PROPORTIONS**	
Total Boring Depth: 10	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: NA	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	3.66	Dry	Asphalt 0.67	0-8 inches: ASPHALT	1	0.5		
			Sand and Gravel 1.92	8-23 inches: dark brown/ gray, fine to coarse grained SAND and GRAVEL, some silt, little clay, petro odor and staining	1.58	0.1	1-3	100
					2	ND		
			Sand and Silt	23-44 inches: brown fine to medium grained SAND and SILT, some clay, little fine to medium grained gravel	3	ND		
4								
	3.5				4.5	ND		
				0-42 inches: brown fine to medium grained SAND and SILT, some fine to medium grained gravel, some clay	5.5	ND		
					6.5	ND	5-7	1115
		7			7	ND		
8		moist						
	2	8						
		wet			9	ND		
			10.0	refusal	9.5	ND		
12								
15								
20								
25								
30								
35								
40								

NOTES

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SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft, LLC	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-SW-8
Location: 8273 Haley Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6527.RA	Rig Type: Truck Mounted 5400	
Date: 9/2/2021	Driller: ATL	
HRP Rep. Kristen Amodeo	**PROPORTIONS**	
Total Boring Depth: 11	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: NA	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	3.66		Asphalt 0.66	0-8 inches: ASPHALT	0.75	0.8		
			Sand and Gravel 2.00	8-24 inches: dark brown, fine to coarse grained SAND and GRAVEL, some silt, little clay, petro odor	1.25	2.7	1-3	1130
					1.75	0.9		
				28-44 inches: brown, fine to medium grained SAND and SILT, some gravel, little clay	2.33	0.2		
			Sand and Silt					
					3.16	0.4		
4								
	4	4 moist		0-48 inches: SAA	4.67	ND		
					5.33	ND		
					6	ND	8-10	1145
					6.67	ND		
					7.42	ND		
8								
	3	8 wet		0-10 inches: SAA	8.5	ND		
			8.83	10-27 inches: brown, fine to medium grained SAND and CLAY, some silt				
			Sand and Clay 10.25	27- 36 inches: gray, fine to coarse grained SAND and GRAVEL	9.5	ND		
					10	ND		
			Sand and Gravel 11.0	refusal				
12								
15								
20								
25								
30								
35								
40								

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft, LLC	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-SW-9
Location: 8273 Haley Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6527.RA	Rig Type: Truck Mounted 5400	
Date: 9/2/2021	Driller: ATL	
HRP Rep. Kristen Amodeo	**PROPORTIONS**	
Total Boring Depth: 10.5	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: NA	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	3	Dry	Sand and Gravel	0-4 inches: brown, fine to coarse grained SAND and GRAVEL, little organics, little silt	0.5	0.2		
			0.33		1	0.1		
				4-36 inches: brown, fine to medium grained SAND and SILT, little clay, trace fine to medium grained gravel, slight petro odor and staining	1.75	0.4	2-4	1215
			Sand and Silt		2.75	775.8		
4								
	4	4 wet		0-28 inches: SAA	4.83	69.4		
					5.5	104.7		
				28- 48 inches: SAA, no petro odor or staining	6	30.1	6-8	1235
					6.67	3.1		
8					7.33	6.9		
	2.5			0-30 inches: brown, fine to medium grained SAND and SILT, some fine to medium grained, little clay	8.5	2.6		
					9.25	3.1		
			10.5	Refusal	10.16	2.1		
12								
15								
20								
25								
30								
35								
40								

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft, LLC	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-SW-10
Location: 8273 Haley Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6527.RA	Rig Type: Truck Mounted 5400	
Date: 9/2/2021	Driller: ATL	
HRP Rep. Kristen Amodeo	**PROPORTIONS**	
Total Boring Depth: 10	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: NA	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	2.75	Dry	Sand and Gravel	0-5 inches: brown, fine to coarse grained SAND and GRAVEL, little organics, little silt	0.66	1.7		
					1	0.2		
			1.50	5-18 inches: brown/ gray, fine to coarse grained SAND and GRAVEL, some clay, trace silt	1.58	0.3		
				18-33 inches: brown, fine to coarse grained SAND and SILT, little clay, trace fine to medium gravel	2.16	2.6		
			Sand and Silt					
4								
	1.33			0-16 inches: SAA				
					6	19.5		
							6-8	1315
					7	18.4	Dup	
8								
	2	8 wet		0- 24 inches: SAA	8.5	1.5		
					9	45	8-10	1325
					9.5	38.9		
			10.0	refusal	10	23.1		
12								
15								
20								
25								
30								
35								
40								

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft, LLC	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-SW-11
Location: 8273 Haley Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6527.RA	Rig Type: Truck Mounted 5400	
Date: 9/2/2021	Driller: ATL	
HRP Rep. Kristen Amodeo	**PROPORTIONS**	
Total Boring Depth: 10.33	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: NA	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	3.33	Dry	Sand and Gravel	0-6 inches: brown, fine to coarse grained SAND and GRAVEL, little organics, little silt	0.5	1.2		
					1	1.0		
			1.50	6-18 inches: brown, fine to coarse grained SAND and GRAVEL, little silt				
					2	0.2		
				18-40 inches: brown, fine to medium grained SAND and CLAY, little silt, trace fine to medium gravel	2.5	0.4		
							2-4	1345
4			Sand and Clay		3.5	0.1		
	4			0-48 inches: SAA	4.5	0.6		
					5	0.5		
					5.5	0.3		
					6	ND		
					6.5	ND		
					7	ND		
8								
	2.33	8			8	ND		
		moist		0-28 inches: SAA	9	ND	8-10	1400
					10	ND		
			10.3	refusal				
12								
15								
20								
25								
30								
35								
40								

NOTES	USCS SOIL CLASSIFICATION	
ft = feet	CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
SAA = Same as above	CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
NA = Not applicable	GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
PID = Photoionization Detector	GM (Silty Gravel)	SC (Clayey Sand)
ppm = parts per million	GP (Poorly Graded Gravel)	SM (Silty Sand)
	GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
	MH (Elastic Silt)	SW (Well-Graded Sand)
	ML (Silt)	

Project: Whitcraft, LLC	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-SW-12
Location: 8273 Haley Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6527.RA	Rig Type: Truck Mounted 5400	
Date: 9/2/2021	Driller: ATL	
HRP Rep. Kristen Amodeo	**PROPORTIONS**	
Total Boring Depth: 6.58	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: NA	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	3.08	Dry	Sand and Gravel	0-6 inches: brown, fine to coarse grained SAND and GRAVEL, little silt, little organics	1	ND		
			1.16	6-14 inches: brown, fine to coarse grained SAND and GRAVEL, little silt	2	ND		
				14-37 inches: brown, fine to coarse grained SAND and SILT, some clay, trace fine to medium gravel	3	ND		
			Sand and Silt		4	ND	2-4	1418
4								
	2.58	4			4.5	ND		
		wet		0-31 inches: SAA	5	ND		
					6	ND	4-6	1425
			6.58	refusal	6.5	ND		
8								
12								
15								
20								
25								
30								
35								
40								

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft, LLC	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-SW-13
Location: 8273 Haley Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6527.RA	Rig Type: Truck Mounted 5400	
Date: 9/2/2021	Driller: ATL	
HRP Rep. Kristen Amodeo	**PROPORTIONS**	
Total Boring Depth: 10.83	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: NA	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	2.83	Dry	Sand and Gravel	0-4 inches: brown, fine to coarse grained SAND and GRAVEL, little silt, little organics	0.5	ND	1-3	1435
			1.42	4-17 inches: brown, fine to coarse grained SAND and GRAVEL, little silt	1.5	ND		
				17-34 inches: brown, fine to medium grained SAND and SILT, some clay, little fine to medium gravel	2	ND		
			Sand and Silt		2.5	ND		
4	4	4 moist		0-48 inches: SAA	4.5	ND		
					6	ND		
					7	ND		
8	2.83			0-34 inches: SAA	8	ND		
					9	ND	8-10	1524
					10	ND		
			10.8	refusal				
12								
15								
20								
25								
30								
35								
40								

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft, LLC	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-W-3
Location: 8273 Haley Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6527.RA	Rig Type: GeoProbe 7822DT	
Date: 5/24/2021	Driller: Glacier	
HRP Rep. Lauren Buffone	**PROPORTIONS**	
Total Boring Depth: 8	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: NA	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm)		Soil Sample Details	
					Depth (ft)	Reading	Interval (ft)	Sample Time
	3'11"	Dry	0.75	Asphalt	1-3	40.8	1-3	1520
				black/ gray medium grained GRAVEL and Coal ASH				
			2.0					
				brown fine grained SAND and SILT, trace gravel, mild odor	3-5	6.1		
		moist						
5			5.0		5-7	6.7	5-7	1525
	3'			SAA				
			6.00					
				SAA, no odor				
		wet						
			8.0	refusal	8-10	1.9		
10								
15								
20								
25								
30								
35								
40								

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft, LLC	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-W-4
Location: 8273 Haley Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6527.RA	Rig Type: GeoProbe 7822DT	
Date: 5/24/2021	Driller: Glacier	
HRP Rep. Lauren Buffone	**PROPORTIONS**	
Total Boring Depth: 8	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: NA	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm)		Soil Sample Details	
					Depth (ft)	Reading	Interval (ft)	Sample Time
	4'	Dry	0.75	Aspalt	0-2	0.0		
			2.0	brown medium grained SAND and SILT, some gravel	2-4	2.9	2-4	1535
5	3'6"		5.0	brown fine grained SAND and SILT, trace gravel mild odor @2-4'	4-5	0.6		
					5-7	0.4	5-7	1540
				SAA	7-8	0		
			8.0	refusal				
10								
15								
20								
25								
30								
35								
40								

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft, LLC	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-W-5
Location: 8273 Haley Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6527.RA	Rig Type: Truck Mounted 5400	
Date: 9/2/2021	Driller: ATL	
HRP Rep. Kristen Amodeo	**PROPORTIONS**	
Total Boring Depth: 9.33	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: NA	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	4'	Dry	Asphalt 0.75	0-9 inches: ASPHALT	0.65	15.1		
				9-48 inches: brown, fine to medium grained SAND and SILT, some fine to coarse grained gravel, little clay	1.83	308.1	2-4	5/24/2021 1615
			Sand and Silt		2.83	94.8		
4	1.33'	4.83' moist		0-16 inches: SAA	3.33	980.1		
					6.0	0.1	6.8	1040
					7.0	1.2		
8	2.58'	8' wet	8.0 Sand and Gravel	0-31 inches: brown fine to coarse grained SAND and GRAVEL, some silt, little clay	8.5	ND		
			9.33'	refusal	9.0	ND		
					9.33	ND		
12								
15								
20								
25								
30								
35								
40								

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Project: Whitcraft, LLC	**HRP ASSOCIATES, INC.**	Test Boring ID: EXT-W-6
Location: 8273 Haley Road, Whitesboro, NY	***DRILLING/SOIL LOG***	Sheet No. 1 of 1
HRP Job No. WHI6527.RA	Rig Type: Truck Mounted 5400	
Date: 9/2/2021	Driller: ATL	
HRP Rep. Kristen Amodeo	**PROPORTIONS**	
Total Boring Depth: 10	trace: 0 to 10% some: 20 to 35%	
Depth to Bedrock: NA	little: 10 to 20% and: 35 to 50%	

Sampler Depth interval (ft)	Recovery (ft)	Moisture	Contact Interval (ft) and Soil Type	Soil Description (proportions, grain size, etc.)	PID (ppm) Depth (ft)	PID (ppm) Reading	Soil Sample Details Interval (ft)	Soil Sample Details Sample Time
	3.25'	Dry	Asphalt 0.59	0-7 inches: ASPHALT				
			Sand and Gravel 1.67	7-20 inches: dark brown/ gray, fine to coarse grained SAND and GRAVEL, little silt, petro odor and staining	1.25	137.8	1-3	0935
				20-39 inches: brown, fine to medium grained SAND and CLAY, little fine to medium grained gravel	1.58	178		
			Sand and Clay		2.16	29.8		
4	4			0-50 inches: SAA				
		6.16 wet						
8	2'			0-24 inches: SAA				
			10.0	refusal				
12								
15								
20								
25								
30								
35								
40								

NOTES

ft = feet

SAA = Same as above

NA = Not applicable

PID = Photoionization Detector

ppm = parts per million

USCS SOIL CLASSIFICATION

CH (Fat Clay)	OH (Organic Clay / Silt of High Plasticity)
CL (Lean Clay)	OL (Organic Clay / Silt of Low Plasticity)
GC (Clayey Gravel)	PT (Highly Organic Soil / Peat)
GM (Silty Gravel)	SC (Clayey Sand)
GP (Poorly Graded Gravel)	SM (Silty Sand)
GW (Well-Graded Gravel)	SP (Poorly Graded Sand)
MH (Elastic Silt)	SW (Well-Graded Sand)
ML (Silt)	

Soil Sampling Log

Date Started 9/15/2020

Date Finish 9/15/2020

Weight Of Hammer ☐ 140 ☐ 300

Hammer Fall ☐ 30' ☐ 24"

Ground Water Observations

Date	Time	Depth

Sampler O.D. Macro I.D. 1.5"

Type Of Rig Track Rig: CME-55LC

GLACIER DRILLING

75 Commerce Circle
Durham, CT 06422
Phone: 860-349-0397

HRP Associates, Inc.
251 Roosevelt Drive, 2nd Floor
Derby, CT 06418

Sheet 1 Of 1

Proj. No.

Location 8273 Halsey Road
Whitesboro, NY

Offset

Ground Elevation

Hole No. HRP - BR - 1

Type	Casing	Sampler Macro	Core Barrel
Size I.D.		1.5"	

Dept. Below Surface	Sample No. Depths Elev. Ft.	Type Of Sample	Blows Per 6" On Sample From 0-6 / To 6-12 / To 12-18	Density Or Consist Moisture	Profile Change Depth Elev.	Field Identification Of Soils / Remarks	Sample No.	Pen	Rec	PID
						Soil sampling to 11.0' bgs				
						Drive 4" casing to 11.0' bgs				
						HQ core from 11.0' to 25.5'				
					25.5'	B.O.B., installed a 2" PVC Monitoring Well at 25' using:				
						Threaded Plug				
						10' Screen, .010 Slot				
						15' PVC Riser				
						Expandable Gripper				
						1 Sand, 50 lb bag from 25.5' to 13.5'				
						Bentonite from 13.5' to 11.5'				
						Grout from 11.5' to grade				
						8" Road Box				
						2 Concrete Mix, 80 lb bags				

Driller: Alan Augustine
Assistant: Samuel Taylor
Soils Engineer: Lauren Buffone

Proportions used trace= 0.10%, little = 10.20%, some = 20.35%, and = 35.50%

Sample Type:
C = Cored W = Washed
SS = Split Spoon
UP = Undisturbed Piston

Cohesionless Density
0-10 Loose
10-30 Med. Comp.
30-50 Dense

Total Footage:
Earth Boring Ft. 25.5
Rock Coring Ft.

Soil Sampling Log

Date Started 9/15/2020

Date Finish 9/15/2020

Weight Of Hammer ☐ 140 ☐ 300

Hammer Fall ☐ 30' ☐ 24"

Ground Water Observations

Date	Time	Depth

Sampler O.D. I.D.

Type Of Rig Track Rig: CME-55LC

GLACIER DRILLING
75 Commerce Circle
Durham, CT 06422
Phone: 860-349-0397

HRP Associates, Inc.
251 Roosevelt Drive, 2nd Floor
Derby, CT 06418

Sheet 1 Of 1

Proj. No.

Location 8273 Halsey Road
Whitesboro, NY

Offset

Ground Elevation

Hole No. HRP - 10B

Type	Casing	Sampler	Core Barrel

Size I.D.

Dept. Below Surface	Sample No. Depths Elev. Ft.	Type Of Sample	Blows Per 6" On Sample From / To 0-6 / 6-12 / 12-18	Density Or Consist Moisture	Profile Change Depth Elev.	Field Identification Of Soils / Remarks	Sample No.	Pen	Rec	PID
					7.5'	B.O.B., installed a 2" PVC Monitoring Well using:				
						Threaded Plug				
						5' Screen, .010 Slot				
						2.5' PVC Riser				
						Expandable Gripper				
						4 Sand, 50 lb bag from 7.5' to 1.5'				
						Bentonite from 1.5' to 1.0'				
						8" Road Box				
						1 Concrete Mix, 80 lb bag				

Driller: Alan Augustine
Assistant: Samuel Taylor
Soils Engineer: Lauren Buffone

Proportions used trace= 0.10%, little = 10.20%, some = 20.35%, and = 35.50%

Sample Type:
C = Cored W = Washed
SS = Split Spoon
UP = Undisturbed Piston

Cohesionless Density
0-10 Loose
10-30 Med. Comp.
30-50 Dense

Total Footage:
Earth BoringFt. 7.5
Rock Coring Ft.

Soil Sampling Log

Date Started 9/15/2020

Date Finish 9/16/2020

Weight Of Hammer ☐ 140 ☐ 300

Hammer Fall ☐ 30' ☐ 24"

Ground Water Observations

Date	Time	Depth

Sampler O.D. Macro I.D. 1.5"

Type Of Rig Track Rig: CME-55LC

GLACIER DRILLING

75 Commerce Circle
Durham, CT 06422
Phone: 860-349-0397

HRP Associates, Inc.
251 Roosevelt Drive, 2nd Floor
Derby, CT 06418

Sheet 1 Of 1

Proj. No.

Location 8273 Halsey Road
Whitesboro, NY

Offset

Ground Elevation

Hole No. HRP - MW - 11R

Type	Casing	Sampler Macro	Core Barrel
Size I.D.		1.5"	

Dept. Below Surface	Sample No. Depths Elev. Ft.	Type Of Sample	Blows Per 6" On Sample From 0-6	To 6-12	To 12-18	Density Or Consist Moisture	Profile Change Depth Elev.	Field Identification Of Soils Remarks	Sample No.	Pen	Rec	PID
								Soil sampling to 17.5' bgs				
							18.0'	B.O.B., installed a 2" PVC Monitoring Well at 25' using:				
								Threaded Plug				
								10' Screen, .010 Slot				
								8' PVC Riser				
								Expandable Gripper				
								7 Sand, 50 lb bag from 17.5' to 5.0'				
								Bentonite from 5.0' to 3.0'				
								8" Road Box				
								1 Concrete Mix, 80 lb bag				

Driller: Alan Augustine
Assistant: Samuel Taylor
Soils Engineer: Lauren Buffone

Proportions used trace= 0.10%, little = 10.20%, some = 20.35%, and = 35.50%

Sample Type:
C = Cored W = Washed
SS = Split Spoon
UP = Undisturbed Piston

Cohesionless Density
0-10 Loose
10-30 Med. Comp.
30-50 Dense

Total Footage:
Earth Boring Ft. 18.0
Rock Coring Ft.

Soil Sampling Log

Date Started 9/16/2020

Date Finish 9/16/2020

Weight Of Hammer ☐ 140 ☐ 300

Hammer Fall ☐ 30' ☐ 24"

Ground Water Observations

Date	Time	Depth

Sampler O.D. Macro I.D. 1.5"

Type Of Rig Geoprobe 7822

GLACIER DRILLING
75 Commerce Circle
Durham, CT 06422
Phone: 860-349-0397

HRP Associates, Inc.
251 Roosevelt Drive, 2nd Floor
Derby, CT 06418

Sheet 1 Of 1

Proj. No.

Location 8273 Halsey Road
Whitesboro, NY

Offset

Ground Elevation

Hole No. HRP - 2

Type	Casing	Sampler	Core Barrel
	HSA	Macro	
Size I.D.	4.25"	1.5"	

PID

Dept. Below Surface	Sample No. Depths Elev. Ft.	Type Of Sample	Blows Per 6" On Sample From 0-6	To 6-12	To 12-18	Density Or Consist Moisture	Profile Change Depth Elev.	Field Identification Of Soils / Remarks	Sample No.	Pen	Rec
								Soil sampling to 14.0' bgs			
							14.0'	B.O.B., installed a 2" PVC Monitoring Well at 12' using:			
								Threaded Plug			
								10' Screen, .010 Slot			
								2' PVC Riser			
								Expandable Gripper			
								7 Sand, 50 lb bags			
								Bentonite			
								8" Road Box			
								2 Concrete Mix, 80 lb bag			

Driller: Michael Aldo
Assistant: Anthony Pilla
Soils Engineer: Lauren Buffone

Proportions used trace= 0.10%, little = 10.20%, some = 20.35%, and = 35.50%

Sample Type:
C = Cored W = Washed
SS = Split Spoon
UP = Undisturbed Piston

Cohesionless Density
0-10 Loose
10-30 Med. Comp.
30-50 Dense

Total Footage:
Earth BoringFt. 14.0
Rock Coring Ft.

Soil Sampling Log

Date Started 9/16/2020

Date Finish 9/16/2020

Weight Of Hammer 140 300

Hammer Fall 30' 24"

Ground Water Observations

Date	Time	Depth

Sampler O.D. Macro I.D. 1.5"

Type Of Rig Geoprobe 7822

GLACIER DRILLING
75 Commerce Circle
Durham, CT 06422
Phone: 860-349-0397

HRP Associates, Inc.
251 Roosevelt Drive, 2nd Floor
Derby, CT 06418

Sheet 1 Of 1

Proj. No.

Location 8273 Halsey Road
Whitesboro, NY

Offset

Ground Elevation

Hole No. MW - 15R

Type	Casing	Sampler	Core Barrel
	HSA	Macro	
Size I.D.	4.25"	1.5"	

Dept. Below Surface	Sample No. Depths Elev. Ft.	Type Of Sample	Blows Per 6" On Sample From 0-6 To 6-12 12-18	Density Or Consist Moisture	Profile Change Depth Elev.	Field Identification Of Soils / Remarks	Sample No.	Pen	Rec	PID
						Soil sampling to 11.0' bgs				
					11.0'	B.O.B., installed a 2" PVC Monitoring Well using:				
						Threaded Plug				
						7' Screen, .010 Slot				
						4' PVC Riser				
						Expandable Gripper				
						6 Sand, 50 lb bags				
						Bentonite				
						8" Road Box				
						2 Concrete Mix, 80 lb bag				

Driller: Michael Aldo
Assistant: Anthony Pilla
Soils Engineer: Lauren Buffone

Proportions used trace= 0.10%, little = 10.20%, some = 20.35%, and = 35.50%

Sample Type:
C = Cored W = Washed
SS = Split Spoon
UP = Undisturbed Piston

Cohesionless Density
0-10 Loose
10-30 Med. Comp.
30-50 Dense

Total Footage:
Earth Boring Ft. 11.0
Rock Coring Ft.

Soil Sampling Log

Date Started 9/16/2020

Date Finish 9/17/2020

Weight Of Hammer ☐ 140 ☐ 300

Hammer Fall ☐ 30' ☐ 24"

Ground Water Observations

Date	Time	Depth

Sampler O.D. Macro I.D. 1.5"

Type Of Rig Track Rig: CME-55LC

GLACIER DRILLING

75 Commerce Circle
Durham, CT 06422
Phone: 860-349-0397

HRP Associates, Inc.
251 Roosevelt Drive, 2nd Floor
Derby, CT 06418

Sheet 1 Of 1

Proj. No.

Location 8273 Halsey Road
Whitesboro, NY

Offset

Ground Elevation

Hole No. HRP - BR - 2

Type	Casing	Sampler Macro	Core Barrel
Size I.D.		1.5"	

Dept. Below Surface	Sample No. Depths Elev. Ft.	Type Of Sample	Blows Per 6" On Sample From 0-6	To 6-12	To 12-18	Density Or Consist Moisture	Profile Change Depth Elev.	Field Identification Of Soils / Remarks	Sample No.	Pen	Rec	PID
								Soil sampling to 11.0' bgs				
								Drive 4" casing to 13.0' bgs				
								HQ core from 13.0' to 28.5'				
								Drive 4" casing to 23.0'				
							28.5'	B.O.B., installed a 2" PVC Monitoring Well at 25' using:				
								Threaded Plug				
								10' Screen, .010 Slot				
								18' PVC Riser				
								Expandable Gripper				
								2 Sand, 50 lb bag from 28.5' to 15.0'				
								Bentonite from 15.0' to 13.0'				
								Grout from 13.0' to grade				
								8" Road Box				
								1 Concrete Mix, 80 lb bags				

Driller: Alan Augustine
Assistant: Samuel Taylor
Soils Engineer: Lauren Buffone

Proportions used trace= 0.10%, little = 10.20%, some = 20.35%, and = 35.50%

Sample Type:
C = Cored W = Washed
SS = Split Spoon
UP = Undisturbed Piston

Cohesionless Density
0-10 Loose
10-30 Med. Comp.
30-50 Dense

Total Footage:
Earth Boring Ft. 28.5
Rock Coring Ft.

STATE OF CONNECTICUT
DEPARTMENT OF CONSUMER PROTECTION
REAL ESTATE & PROFESSIONAL TRADES DIVISION

WELL DRILLING COMPLETION REPORT

165 Capitol Avenue, Hartford, Connecticut 06106

OWNER	NAME		ADDRESS	
LOCATION OF WELL	(No. & Street) 8273 Halsey Road	(Town) Whitesboro	(Lot Number)	
PROPOSED USE OF WELL	☐ DOMESTIC	☐ BUSINESS ESTABLISHMENT	☐ FARM	☒ TEST WELL
	☐ PUBLIC SUPPLY	☐ INDUSTRIAL	☐ AIR CONDITIONING	☐ OTHER (Specify)
DRILLING EQUIPMENT	☐ ROTARY	☐ COMPRESSED AIR PERCUSSION	☐ CABLE PERCUSSION	☐ OTHER (Specify)

CASING DETAILS	LENGTH (feet)	DIAMETER (inches)	WEIGHT PER FOOT	☐ THREADED ☐ WELDED	DRIVE SHOE ☐ YES ☐ NO	WAS CASING GROUTED? ☐ YES ☐ NO

YIELD TEST	☐ BAILED	☐ PUMPED	☐ COMPRESSED AIR	HOURS	YIELD (GPM)

WATER LEVEL	MEASURE FROM LAND SURFACE - STATIC (Specify feet)	DURING YIELD TEST (feet)	Depth of Completed Well in feet

SCREEN DETAILS	MAKE					LENGTH OPEN TO AQUIFER (feet)	
	SLOT SIZE	DIAMETER (inches)	IF GRAVEL PACKED	Diameter of well including gravel pack (inches)	GRAVEL SIZE (inches)	FROM (feet)	TO (feet)

DEPTH FROM LAND TO SURFACE FEET TO FEET		FORMATION DESCRIPTION

Sketch exact location of well with distances, to at least two permanent landmarks

"Throughout the property"

If yield was tested at different depths during drilling, list below

FEET	GALLONS PER MINUTE

DATE WELL COMPLETED	PERMIT NO	REGISTRATION NO	DATE OF REPORT	WELL DRILLER Signature
9/17/2020	WCR-3807	WND.0000223-W4	9/23/2020	

DISTRIBUTION: DEPARTMENT OF CONSUMER PROTECTION, DEPARTMENT OF ENVIRONMENTAL PROTECTION, PROPERTY OWNER, WELL DRILLING CONTRACTOR & LOCAL DIRECTOR OF HEALTH.

Soil Sampling Log

Date Started 9/15/2020

Date Finish 9/15/2020

Weight Of Hammer 140 300

Hammer Fall 30' 24"

Ground Water Observations

Date Time Depth

Sampler O.D. Macro I.D. 1.5"

Type Of Rig Track Rig: CME-55LC

GLACIER DRILLING

75 Commerce Circle
Durham, CT 06422
Phone: 860-349-0397

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Sheet 1 Of 1

Proj. No.

Location 8273 Halsey Road
Whitesboro, NY

Offset

Ground Elevation

Hole No. HRP - BR - 1

Type	Casing	Sampler Macro	Core Barrel
Size I.D.		1.5"	

Dept. Below Surface	Sample No. Depths Elev. Ft.	Type Of Sample	Blows Per 6" On Sample From To 0-6 6-12 12-18	Density Or Consist Moisture	Profile Change Depth Elev.	Field Identification Of Soils Remarks	Sample No. Pen Rec	PID
						Soil sampling to 11.0' bgs		
						Drive 4" casing to 11.0' bgs		
						HQ core from 11.0' to 25.5'		
					25.5'	B.O.B.. installed a 2" PVC Monitoring Well at 25' using:		
						Threaded Plug		
						10' Screen. .010 Slot		
						15' PVC Riser		
						Expandable Gripper		
						1 Sand. 50 lb bag from 25.5' to 13.5'		
						Bentonite from 13.5' to 11.5'		
						Grout from 11.5' to grade		
						8" Road Box		
						2 Concrete Mix. 80 lb bags		

Driller: Alan Augustine
Assistant: Samuel Taylor
Soils Engineer: Lauren Buffone

Proportions used trace= 0.10%, little = 10.20%, some = 20.35%, and = 35.50%

Sample Type:
C = Cored W = Washed
SS = Split Spoon
UP = Undisturbed Piston

Cohesionless Density
0-10 Loose
10-30 Med. Comp.
30-50 Dense

Total Footage:
Earth Boring Ft. 25.5
Rock Coring Ft.

Soil Sampling Log

Date Started 9/15/2020

Date Finish 9/15/2020

Weight Of Hammer 140 300

Hammer Fall 30' 24"

Ground Water Observations

Date Time Depth

Sampler O.D. I.D.

Type Of Rig Track Rig: CME-55LC

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Sheet 1 Of 1

Proj. No.

Location 8273 Halsey Road
Whitesboro, NY

Offset

Ground Elevation

Hole No. HRP - 10B

Type Casing Sampler Core Barrel

Size I.D.

PID

Dept. Below Surface	Sample No. Depths Elev. Ft.	Type Of Sample	Blows Per 6" On Sample From To 0-6 6-12 12-18	Density Or Consist Moisture	Profile Change Depth Elev.	Field Identification Of Soils Remarks	Sample No. Pen Rec
7.5'						B.O.B., installed a 2" PVC Monitoring Well using:	
						Threaded Plug	
						5' Screen, .010 Slot	
						2.5' PVC Riser	
						Expandable Gripper	
						4 Sand, 50 lb bag from 7.5' to 1.5'	
						Bentonite from 1.5' to 1.0'	
						8" Road Box	
						1 Concrete Mix, 80 lb bag	

Driller: Alan Augustine
Assistant: Samuel Taylor
Soils Engineer: Lauren Buffone

Proportions used trace= 0.10%, little = 10.20%, some = 20.35%, and = 35.50%

Sample Type:
C = Cored W = Washed
SS = Split Spoon
UP = Undisturbed Piston

Cohesionless Density
0-10 Loose
10-30 Med. Comp.
30-50 Dense

Total Footage:
Earth BoringFt. 7.5
Rock Coring Ft.

Soil Sampling Log

Date Started 9/15/2020

Date Finish 9/16/2020

Weight Of Hammer 140 300

Hammer Fall 30' 24"

Ground Water Observations

Date Time Depth

Sampler O.D. Macro I.D. 1.5"

Type Of Rig Track Rig: CME-55LC

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Sheet 1 Of 1

Proj. No.

Location 8273 Halsey Road
Whitesboro, NY

Offset

Ground Elevation

Hole No. HRP - MW - 11R

	Casing	Sampler	Core Barrel
Type		Macro	
Size I.D.		1.5"	

Dept Below Surface	Sample No. Depths Elev. Ft.	Type Of Sample	Blows Per 6" On Sample From To 0-6 6-12 12-18	Density Or Consist Moisture	Profile Change Depth Elev.	Field Identification Of Soils Remarks	Sample No.	Pen	Rec	PID
						Soil sampling to 17.5' bgs				
18.0'						B.O.B., installed a 2" PVC Monitoring Well at 25' using: Threaded Plug 10' Screen, .010 Slot 8' PVC Riser Expandable Gripper 7 Sand, 50 lb bag from 17.5' to 5.0' Bentonite from 5.0' to 3.0' 8" Road Box 1 Concrete Mix, 80 lb bag				

Driller: Alan Augustine
Assistant: Samuel Taylor
Soils Engineer: Lauren Buffone

Proportions used trace= 0-10%, little = 10-20%, some = 20-35%, and = 35-50%

Sample Type.
C = Cored W = Washed
SS = Split Spoon
UP = Undisturbed Piston

Cohesionless Density
0-10 Loose
10-30 Med. Comp
30-50 Dense

Total Footage:
Earth Boring Ft. 18.0
Rock Coring Ft.

Soil Sampling Log

Date Started 9/16/2020

Date Finish 9/16/2020

Weight Of Hammer 140 300

Hammer Fall 30' 24"

Ground Water Observations

Date Time Depth

Sampler O.D. Macro I.D. 1.5"

Type Of Rig Geoprobe 7822

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Sheet 1 Of 1

Proj. No.

Location 8273 Halsey Road
Whitesboro, NY

Offset

Ground Elevation

Hole No. HRP - 2

Type	Casing	Sampler	Core Barrel
	HSA	Macro	
Size I.D.	4.25"	1.5"	

Dept. Below Surface	Sample No. Depths Elev. Ft.	Type Of Sample	Blows Per 6" On Sample From 0-6	To 6-12	12-18	Density Or Consist Moisture	Profile Change Depth Elev.	Field Identification Of Soils / Remarks	Sample No.	Pen	Rec	PID
								Soil sampling to 14.0' bgs				
14.0'								B.O.B., installed a 2" PVC Monitoring Well at 12' using: Threaded Plug 10' Screen, .010 Slot 2' PVC Riser Expandable Gripper 7 Sand, 50 lb bags Bentonite 8" Road Box 2 Concrete Mix, 80 lb bag				

Driller: Michael Aldo
Assistant: Anthony Pilla
Soils Engineer: Lauren Buffone

Proportions used trace= 0.10%, little = 10.20%, some = 20.35%, and = 35.50%

Sample Type:
C = Cored W = Washed
SS = Split Spoon
UP = Undisturbed Piston

Cohesionless Density
0-10 Loose
10-30 Med. Comp.
30-50 Dense

Total Footage:
Earth BoringFt. 14.0
Rock Coring Ft.

Soil Sampling Log

Date Started 9/16/2020

Date Finish 9/16/2020

Weight Of Hammer 140 300

Hammer Fall 30" 24"

Ground Water Observations

Date Time Depth

Sampler O.D. Macro I.D. 1.5"

Type Of Rig Geoprobe 7822

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Sheet 1 Of 1

Proj. No.

Location 8273 Halsey Road

Whitesboro, NY

Offset

Ground Elevation

Hole No. MW - 15R

	Casing	Sampler	Core Barrel
Type	HSA	Macro	
Size I.D.	4.25"	1.5"	

Dept. Below Surface	Sample No. Depths Elev. Ft.	Type Of Sample	Blows Per 6" On Sample From 0-6	To 6-12	12-18	Density Or Consist Moisture	Profile Change Depth Elev.	Field Identification Of Soils Remarks	PID Sample No.	Pen	Rec

Soil sampling to 11.0' bgs

11.0' B.O.B., installed a 2" PVC Monitoring Well using:

Threaded Plug

7' Screen, .010 Slot

4' PVC Riser

Expandable Gripper

6 Sand, 50 lb bags

Bentonite

8" Road Box

2 Concrete Mix, 80 lb bag

Driller: Michael Aldo
Assistant: Anthony Pilla
Soils Engineer: Lauren Buffone

Proportions used trace= 0.10%, little = 10.20%, some = 20.35%, and = 35.50%

Sample Type:
C = Cored W = Washed
SS = Split Spoon
UP = Undisturbed Piston

Cohesionless Density
0-10 Loose
10-30 Med. Comp.
30-50 Dense

Total Footage:
Earth BoringFt. 11.0
Rock Coring Ft.

Soil Sampling Log

Date Started 9/16/2020

Date Finish 9/17/2020

Weight Of Hammer 140 300

Hammer Fall 30' 24"

Ground Water Observations

Date Time Depth

Sampler O.D. Macro I.D. 1.5"

Type Of Rig Track Rig: CME-55LC

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Sheet 1 Of 1

Proj. No.

Location 8273 Halsey Road
Whitesboro, NY

Offset

Ground Elevation

Hole No. HRP - BR - 2

Type	Casing	Sampler	Core Barrel
		Macro	
Size I.D.		1.5"	

Dept. Below Surface	Sample No. Depths Elev. Ft.	Type Of Sample	Blows Per 6" On Sample From To 0-6 6-12 12-18	Density Or Consist Moisture	Profile Change Depth Elev.	Field Identification Of Soils Remarks	PID Sample No. Pen Rec
						Soil sampling to 11.0' bgs	
						Drive 4" casing to 13.0' bgs	
						HQ core from 13.0' to 28.5'	
						Drive 4" casing to 23.0'	
28.5'						B.O.B., installed a 2" PVC Monitoring Well at 25' using:	
						Threaded Plug	
						10' Screen, .010 Slot	
						18' PVC Riser	
						Expandable Gripper	
						2 Sand, 50 lb bag from 28.5' to 15.0'	
						Bentonite from 15.0' to 13.0'	
						Grout from 13.0' to grade	
						8" Road Box	
						1 Concrete Mix, 80 lb bags	

Driller: Alan Augustine
Assistant: Samuel Taylor
Soils Engineer: Lauren Buffone

Proportions used trace= 0-10%, little = 10.20%, some = 20.35%, and = 35.50%

Sample Type:
C = Cored W = Washed
SS = Split Spoon
UP = Undisturbed Piston

Cohesionless Density
0-10 Loose
10-30 Med. Comp
30-50 Dense

Total Footage:
Earth Boring Ft. 28.5
Rock Coring Ft.

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Monitor Well Data Sheet

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Well ID: MW-02

Site Background Information

Site Location:	2 Halsey Rd, Whitesboro, NY	**Sampling Dates:**	6/2/20
Job Number:	WHI6524.GW	**Field Team Leader:**	—
Weather:	Cloudy, 66°F	**Team Personnel:**	KG, CJL, LB

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
6-2-20	11:20	CJL	Solinst-101		uncorrected	—	uncorrected	—
			corr. factor	0	corrected	3.97	corrected	15.85

Measurement Point: 2" pvc, SP

DTB - after sampling = 15.87

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Poor	No	No	OK	No

Concrete Collar	Ponded Water	Comments:
Good	No	PVC broken, no plug or SP lid

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
6-2-20		5:23	5:23	5:52	5:52	6:08	CJL	6-1-20

Instrument Mfg & Model	
pH	YSI-DSS
Temp.	YSI 600XL-M / YSI 556 - Serial # 18D100748
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-1

Initial Water Depth (ft): 3.95 Time: 5:22

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
5:26	4.12	140	7.11	11.3	642	-54.5	1.27	3.33
5:31	4.16	"	7.10	11.2	640	-57.9	0.70	2.74
5:36	4.16	"	7.10	11.3	638	-59.4	0.57	2.45
5:41	4.17	"	7.11	11.4	629	-62.0	0.45	3.19
5:46	4.17	"	7.12	11.5	617	-64.3	0.40	3.31
5:51	4.18	"	7.12	11.6	611	-64.9	0.36	2.93
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic puimp	Clear	—	4060	10.85

Sample Containers

Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl
3 vials	3 x 40mL	HCl
2 Amber	2 x 1L	None

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

Page 1 of 2

Well ID: MW-03

Site Background Information

Site Location:	2 Halsey Rd, Whitesboro, NY	**Sampling Dates:**	6/2/20
Job Number:	WHI6524.GW	**Field Team Leader:**	
Weather:	P.Sunny 64°F	**Team Personnel:**	CJC, KS, KB

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)		Depth to Bottom (ft)	
6/2/20	11:32	CJC	Solinst-101	uncorrected		uncorrected	
			corr. factor 0	corrected	10.36	corrected	15.81

Measurement Point: 2" pvc SP DTB - after sampling = NM

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Good	Yes	Yes	Good	Yes

Concrete Collar	Ponded Water	Comments:
Good	No	possible product Unable to maintain 0.3' drawdown criteria

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
6/2/20	1:54	2:02	2:02	3:12	3:12	3:31	AR	6/1/20

Instrument Mfg & Model	
pH	Pro Plus Quatro
Temp.	YSI 600XL-M / YSI 556 - Serial # 16D101363
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRA-5A

Initial Water Depth (ft): 10.35 Time: 1:59

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
2:06	10.54	120	7.27	12.5	182.8	50.0	0.58	22.1
2:11	10.63		7.07	12.6	167.2	21.0	0.36	21.0
2:16	10.70		7.06	12.7	162.6	8.4	0.28	18.33
2:21	10.78		7.02	12.6	169.8	13.9	0.54	15.74
2:26	10.83		7.03	12.5	189.4	14.6	0.28	5.44
2:31	10.88		7.00	12.4	213.7	14.1	0.28	7.02
2:36	10.92		7.05	12.4	235.4	2.8	0.28	6.55
2:41	10.95		7.02	12.4	256.8	-3.1	0.30	5.77
2:46	10.98	↓	7.05	12.0	273.4	-12.5	0.26	4.22
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic puimp	clear	—	5400	13.49

Sample Containers

Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl
3 amb	3 x 40mL	HCl
2 amb	2 x 1L	H_2SO_4

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

Well ID: MW-03

Site Background Information

Site Location: 2 Hickory Rd. Wallingford NY
Job Number: with 6 24hrs
Weather: P. Sunny 64°F

Sampling Dates: 6/2 - 6/3/21
Field Team Leader:
Team Personnel: CJC, MG, LB

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
2:51	11.03	120	7.06	12.1	284.4	-18.8	0.27	3.82
2:56	11.04		7.10	12.1	294.1	-26.3	0.26	3.40
3:01	11.05		7.11	12.0	302.2	-31.5	0.23	3.32
3:06	11.08		7.10	12.0	307.1	-34.5	0.21	2.51
3:11	11.08	↓	7.12	11.9	309.9	-35.3	0.23	2.71

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Monitor Well Data Sheet

Page 1 of 1

Well ID: MW-04

Site Background Information

Site Location:	2 Halsey Rd, Whitesboro, NY
Job Number:	WHI6524.GW
Weather:	Overcast 64°F
Sampling Dates:	6/2/20
Field Team Leader:	
Team Personnel:	CG, KS, LB

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
6/2/20	11:34	CGC	Solinst-101		uncorrected		uncorrected	
			corr. factor	0	corrected	8.30	corrected	15.49

Measurement Point: 2" pvc SP

DTB - after sampling = NM

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Fair	Yes	Yes	Good	No

Concrete Collar	Ponded Water	Comments:
Good	No	Unable to maintain 0.5' around casing. PVC too high to close well lid. Dupe = Dup - VOC's only

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
6/2/20	3:31	3:33	3:33	4:51	4:51	5:09	AB	6/1/20

Instrument Mfg & Model	
pH	
Temp.	
Sp. Cond.	YSI 600XL-M / YSI 556 - Serial # 10D101383
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-5A

Initial Water Depth (ft): 8.27 Time: 3:31

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
3:35	8.45	120	7.39	11.1	270.2	14.8	6.26	14.76
3:40	8.53		7.15	11.0	279.6	27.9	4.76	11.81
3:45	8.62		7.11	10.8	309.0	33.4	4.06	9.99
3:50	8.65		7.10	10.6	321.9	36.6	3.82	6.99
3:55	8.66		7.08	10.7	349.2	40.1	3.35	7.54
4:00	8.67		7.09	10.5	371.4	42.0	3.27	5.20
4:05	8.69		7.08	10.5	391.5	44.7	3.10	5.13
4:10	8.69		7.09	10.5	401.2	46.0	2.88	4.93
4:15	8.71		7.08	10.4	423.3	47.9	2.84	4.74
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic puimp	clear	—	9360	11.58

Sample Containers

Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl
3 amber	3 40mL	HCl
2 amber	2 1L	Acid

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

Well ID: MW-04

Site Background Information

Site Location: 2 Halsey Rd, Whitesboro, NY
Job Number: WHI6524.GW
Weather: OVERCAST 64°F
Sampling Dates: 6/2/20
Field Team Leader:
Team Personnel: CSL, KJS, LB

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
4:20	8.71	120	7.09	10.3	432.0	49.3	2.79	4.11
4:25	8.71		7.08	10.4	453.2	51.0	2.82	3.70
4:30	8.72		7.10	10.4	462.1	51.2	2.81	3.65
4:35	8.72		7.12	10.4	470.0	51.8	2.88	3.63
4:40	8.74		7.11	10.5	482.0	52.9	2.81	3.65
4:45	8.74		7.10	10.4	490.0	55.2	2.81	3.70
4:50	8.74	↓	7.12	10.4	492.0	55.5	2.71	3.41

Req. Limits for Last 3 Readings	+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

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Monitor Well Data Sheet

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Well ID: MW-05

Site Background Information

Site Location:	2 Halsey Rd, Whitesboro, NY	**Sampling Dates:**	6/2/20
Job Number:	WHI6524.GW	**Field Team Leader:**	BGL
Weather:	cloudy 70	**Team Personnel:**	LAB KA CL

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
6/2/20	10:54	CLC	Solinst-101		uncorrected		uncorrected	
			corr. factor	0	corrected	9.69	corrected	15.99

Measurement Point: 2" pvc SP

DTB - after sampling = 16.0

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
good	yes	yes	STICKUP	yes

Concrete Collar	Ponded Water	Comments:
NO	NO	

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
6/2/20	2:40	2:50	2:50	3:15	3:15	3:19	LAB	6/1/20

Instrument Mfg & Model	
pH	YSI 600XL-M / YSI 556 - Serial # 14F100063
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial #

Initial Water Depth (ft): 2.40 Time: 9:40

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
2:55	9.90	100	7.60	12.30	444	100.10	0.08	1.59
3:00	9.99		7.55	12.45	445	101.4	0.05	2.02
3:05	9.99		7.57	12.16	444	99.9	0.55	1.14
3:10	9.99		7.58	12.03	444	100.0	0.58	0.73
3:15	10.0		7.58	12.07	444	100.3	0.50	0.82
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic puimp - 3	clear	none	3500	12.8

35 x 100

Sample Containers

Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl

Type & No.	Volume	Preservative
	-	

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Monitor Well Data Sheet

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Well ID: MW-06

Site Background Information

Site Location:	2 Halsey Rd, Whitesboro, NY	**Sampling Dates:**	6/2/20
Job Number:	WHI6524.GW	**Field Team Leader:**	
Weather:	Rain 60°	**Team Personnel:**	LAB, KG, CL

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)		Depth to Bottom (ft)	
6/2/20	10:15	LAB	Solinst-101	uncorrected		uncorrected	
			corr. factor 0	corrected	8.82	corrected	11.88

Measurement Point: 2" pvc HW

DTB - after sampling = NM

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Fair	NO	YES	FLUSH	NO

Concrete Collar	Ponded Water	Comments:
YES	NO	Cracks in pavement 0.5' drawdown

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
6/2/20	10:10	10:20	10:22	11:06	11:05	11:09	LAB	6/1/20

Instrument Mfg & Model	
pH	YSI 600XL-M / YSI 556 - Serial # 14F100063
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial #

Initial Water Depth (ft): 8.82 Time: 10:15

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
10:30	9.24	100	6.6	11.31	614	130	1.27	5.87
10:40	9.49		6.55	11.58	608	158.3	0.69	2.37
10:45	9.49		6.55	11.52	605	139.2	0.60	2.22
10:50	9.55		6.53	11.34	591	142.7	0.5	2.54
10:55	9.60		6.51	11.24	585	144.8	0.44	2.78
11:00	9.69		6.50	11.29	583	145.1	0.45	2.13
11:05	9.71		6.51	11.7	585	145.7	0.45	1.84
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

3500 + 800

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic puimp	clear	none	4300	12.3

Sample Containers

Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

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Well ID: MW-07B

Site Background Information

Site Location:	2 Halsey Rd, Whitesboro, NY	**Sampling Dates:**	6/2/20
Job Number:	WHI6524.GW	**Field Team Leader:**	
Weather:	Cloudy, 61°F, light showers	**Team Personnel:**	CJL, KG, LB

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
6-2-20	10:39	CJL	Solinst-101		uncorrected	—	uncorrected	—
			corr. factor	0	corrected	3.86	corrected	9.56

Measurement Point: raw 2" pvc

DTB - after sampling = 9.52

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Fair	yes	yes	Good	yes

Concrete Collar	Ponded Water	Comments:
None	No	Unable to maintain the 0.30' drawdown criteria

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
6-2-20	12:20	12:55	12:55	1:26	1:26	1:28	CJL	6-1-20

Instrument Mfg & Model	
pH	YSI - Pro DSS
Temp.	YSI 600XL-M / YSI 556 - Serial # 18D100748
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-1

Initial Water Depth (ft): 3.90 Time: 12:54

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
1:00	4.45	100	6.83	11.6	552	54.4	0.92	2.25
1:05	4.61	"	6.81	12.0	552	24.8	0.65	1.76
1:10	4.80	"	6.82	12.1	552	19.3	0.59	1.98
1:15	4.98	"	6.84	12.2	554	17.6	0.53	2.91
1:20	5.29	"	6.86	12.2	546	13.4	0.51	2.77
1:25	5.58	"	6.87	12.1	546	14.6	0.53	3.16
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic puimp	clear	—	3100	6.71

Sample Containers

Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

Well ID: MW-07C

Site Background Information

Site Location:	2 Halsey Rd, Whitesboro, NY	**Sampling Dates:**	6/2/20
Job Number:	WHI6524.GW	**Field Team Leader:**	
Weather:	Cloudy, 63°F	**Team Personnel:**	KG, CJL, LB

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)		Depth to Bottom (ft)	
6-2-20	10:44	CJL	Solinst-101	uncorrected	—	uncorrected	—
			corr. factor 0	corrected	4.61	corrected	9.98

Measurement Point: raw 2" pvc DTB - after sampling = 10.00

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Fair	yes	yes	Good	yes

Concrete Collar	Ponded Water	Comments:
None	No	Unable to maintain the 0.30' drawdown criteria

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
6-2-20	1:33	1:54	1:54	2:59	2:59	3:01	CJL	6-1-20

Instrument Mfg & Model	
pH	YSI-Pro DSS
Temp.	YSI ~~600XL-M / YSI 556~~ - Serial # 18D100748
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-1

Initial Water Depth (ft): 4.58 Time: 1:53

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
1:58	4.87	120	6.52	12.1	424	0.5	1.81	6.18
2:03	5.12		6.41	12.2	424	-2.7	0.59	4.51
2:08	5.36		6.41	12.4	424	-4.0	0.61	2.40
2:13	5.53		6.40	12.3	420	-3.3	0.77	1.90
2:18	5.68		6.40	12.3	419	-3.0	0.86	1.62
2:23	5.80		6.40	12.3	421	-2.9	0.81	1.24
2:28	5.98		6.39	12.1	424	-3.6	0.67	1.11
2:33	6.10		6.39	11.9	424	-3.9	0.59	1.07
2:38	6.33	↓	6.40	11.9	425	-4.7	0.56	1.03
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic puimp	clear	—	4200	7.29

Sample Containers

Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

Well ID: MW-7C

Site Background Information

Site Location: 2 Halsey Rd, Whitesboro, NY
Job Number: WHI6524.GW
Weather: Cloudy 63°F

Sampling Dates: 6/24/20
Field Team Leader:
Team Personnel: CS, KG, CB

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
2:43	6.41	126	6.35	11.7	425	-4.2	0.53	1.20
2:48	6.59	↓	6.40	11.5	428	-5.0	0.46	1.33
2:53	6.66		6.41	11.3	426	-3.8	0.51	1.47
2:58	7.17	↓	6.42	11.1	422	-0.3	0.96	2.56
2:57	Collected grab sample due to rapid drawdown DTW settling to 7.11 set depth		parameters have been stabilized except DO					

Req. Limits for Last 3 Readings	+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

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Monitor Well Data Sheet

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Well ID: MW-08

Site Background Information

Site Location:	2 Halsey Rd, Whitesboro, NY	**Sampling Dates:**	6/2/20
Job Number:	WHI6524.GW	**Field Team Leader:**	
Weather:	Cloudy, 64°F	**Team Personnel:**	KG, CJL, LB

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
6-2-20	11:51	CJL	Solinst-101		uncorrected	—	uncorrected	—
			corr. factor	0	corrected	5.07	corrected	15.77

Measurement Point: 2" pvc SP DTB - after sampling = NM

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Good	yes	yes	Good	yes

Concrete Collar	Ponded Water	Comments:
Good	No	

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
6-2-20	6:15	6:20	6:20	6:59	6:59	7:15	CJL	6-1-20

Instrument Mfg & Model	
pH	YSI - Pro Plus Quattro
Temp.	YSI 600XL-M / YSI 556 - Serial # 10D101383
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # H21BA

			Initial Water Depth (ft):	5.05	Time:	6:19			
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
6:23	5.23	140	7.14	10.8	561.7	74.9	1.99	6.89
6:28	5.49		7.01	10.9	555.0	78.2	0.37	6.23
6:33	5.73		7.00	11.1	555.3	76.7	0.31	6.34
6:38	6.05		6.98	11.3	566.9	75.0	0.30	7.12
6:43	6.26		6.97	11.4	573.7	74.0	0.29	6.65
6:48	6.36		6.98	11.4	579.5	73.2	0.32	4.91
6:53	6.47		6.95	11.3	583.4	73.1	0.31	4.75
6:58	6.58		6.95	11.4	587.9	73.0	0.33	4.13
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic puimp	Clear	—	5460	10.77

Sample Containers

Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl
3 vials	3x40mL	HCl
2 amber	2x1L	Amber

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

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Well ID: MW-09

Site Background Information

Site Location:	2 Halsey Rd, Whitesboro, NY	**Sampling Dates:**	6/2/20
Job Number:	WHI6524.GW	**Field Team Leader:**	BPL
Weather:	CLOUDY 70	**Team Personnel:**	LAB KG CL

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
			Solinst-101		uncorrected		uncorrected	
6/2	11:54	CJC	corr. factor	0	corrected	6.46	corrected	20.24

Measurement Point: 2" pvc SP DTB - after sampling = 20.25

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
fair	NO	(YES)	stick up	NO

Concrete Collar	Ponded Water	Comments:
NO	NO	PVC too high to close lid could not maintain 0.3' drawdown

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
6/2/20	5:00	5:15	5:15	5:40	5:40	5:43	LAB	6/1/20

Instrument Mfg & Model	
pH	YSI 600XL-M / YSI 556 - Serial # 14F100063
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # 9

Initial Water Depth (ft): 6.39 Time: 5:10

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
5:20	7.50	120	7.30	11.96	590	52.1	4.03	2.82
5:25	7.92	"	7.34	11.32	589	51.9	4.09	3.14
5:30	8.31	"	7.36	11.18	590	52.3	4.39	1.88
5:35	8.59	"	7.37	11.21	588	55.6	4.50	0.71
5:40	8.78	"	7.38	11.39	586	56.9	4.52	0.63 ✓
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic puimp 3	Clear	None	3000	15.25

Sample Containers

Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

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Well ID: MW-10

Site Background Information

Site Location:	2 Halsey Rd, Whitesboro, NY	**Sampling Dates:**	6/2/20
Job Number:	WHI6524.GW	**Field Team Leader:**	BPL
Weather:	Cloudy 70°	**Team Personnel:**	LAB KG CL

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
6/2/20	11:08	CJL	Solinst-101		uncorrected		uncorrected	
			corr. factor	0	corrected	4.30	corrected	7.96

Measurement Point: 2" pvc SP DTB - after sampling = 7.95

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Fair	YES	YES	Straight	YES

Concrete Collar	Ponded Water	Comments:
YES	NO	

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
6/2/20	3:40	3:50	3:50	4:25	4:25	4:28	LAB	6/1/20

Instrument Mfg & Model	
pH	YSI 600XL-M / (YSI 556) - Serial # 14F100063
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # 7

Initial Water Depth (ft): 4.28 Time: 3:40

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
3:55	4.35	100	6.95	16.12	1146	189.5	0.63	2.00
4:00	4.36		7.04	15.52	1147	186.3	0.59	2.76
4:05	4.36		7.22	14.80	1155	-2.8	0.16	2.12
4:10	4.36		7.19	14.59	1152	-17.3	0.11	1.95
4:15	4.36		7.19	14.50	1155	-24.0	0.08	1.40
4:20	4.36		7.20	14.48	1157	-30.1	0.08	1.07
4:25	4.37	↓	7.20	14.50	1159	-34.1	0.10	0.88
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic puimp	Clear	None	3500	10.1

Sample Containers

Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

Well ID: MW-12

Site Background Information

Site Location:	2 Halsey Rd, Whitesboro, NY	**Sampling Dates:**	6/2/20
Job Number:	WHI6524.GW	**Field Team Leader:**	BH
Weather:	CLOUDY 65	**Team Personnel:**	LAB KG CL

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
6/2/20	10:16	CSC	Solinst-101		uncorrected		uncorrected	
			corr. factor	0	corrected	9.72	corrected	12.09

Measurement Point: 2" pvc SP DTB - after sampling = NM

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
fair	NO	YES	Stickup	YES

Concrete Collar	Ponded Water	Comments:
YES	NO	

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
6/2/20	11:40	11:45	11:45	12:30	12:30	12:31	LAB	6/1/20

Instrument Mfg & Model	
pH	YSI 600XL-M / YSI 556 - Serial # 14F 100063
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # 7

	Initial Water Depth (ft):	9.73		Time:	11:38			
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
11:50	9.9	120	6.74	10.53	733	110.9	3.12	4.76
11:55	9.91		6.65	10.96	910	110.1	2.41	4.40
12:00	9.90		6.65	10.60	970	110.1	2.29	3.98
12:05	9.99		6.65	10.43	990	110.4	2.33	2.86
12:15	10.0		6.66	10.61	1000	110.2	2.42	4.51
12:20	10.0		6.65	10.80	1018	110.4	2.39	3.37
12:25	10.0		6.65	10.80	1016	110.5	2.51	4.03
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic puimp 3	clear	none	5400	10.90

Sample Containers

Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

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Well ID: MW-13

Site Background Information

Site Location:	2 Halsey Rd, Whitesboro, NY	**Sampling Dates:**	6/2/20
Job Number:	WHI6524.GW	**Field Team Leader:**	BPC
Weather:	Cloudy, Cool	**Team Personnel:**	LAB, KH, CL

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
			Solinst-101		uncorrected		uncorrected	
6/2/20	10:51	CJC	corr. factor	0	corrected	6.83	corrected	11.96

Measurement Point: 2" pvc SP DTB - after sampling = 11.99

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Fair	YES	YES	STICKUP	YES

Concrete Collar	Ponded Water	Comments:
NO	NO	could not maintain 0.3' drawdown

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
6/2/20	12:55	1:05	1:10	2:05	2:05	2:10	LAB	6/1/20

Instrument Mfg & Model	
pH	YSI 600XL-M / YSI 556 - Serial # (14F100063)
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial #

Initial Water Depth (ft): 6.80 Time: 12:55

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
1:10	6.83	110	7.01	14.14	543	141.1	1.66	20.5
1:15	7.10		6.88	13.85	534	138.5	0.35	12.2
1:20	7.21		6.89	14.99	546	136.9	0.48	9.06
1:25	7.32		6.88	14.92	553	136.8	0.62	6.75
1:30	7.59		6.86	15.4	577	135.1	0.96	7.39
1:35	7.68		6.86	15.30	585	134.6	0.87	6.70
1:40	7.79		6.84	15.37	590	134.0	0.57	6.72
1:45	7.86		6.84	15.96	584	132.8	0.73	4.84
1:50	7.92	↓	6.84	15.83	583	131.6	0.60	4.95
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic puimp #3	Clear (very slightly cloudy)	NO	10050	9.4

Sample Containers

Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

Well ID: MW-13

Site Background Information

Site Location: 2 Halsey Rd, Whitesboro, NY
Job Number: WHI6524.GW
Weather: CLOUDY 60°

Sampling Dates: 6/2/20
Field Team Leader: BPL
Team Personnel: DAS KDG CL

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
1:55	8.13	110	6.82	15.43	575	129.1	0.46	4.41
2:00	8.20		6.82	15.36	571	122.5	0.37	4.10
2:05	8.31	↓	6.81	15.45	Stable	119.5	0.29	4.96 ✓

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Monitor Well Data Sheet

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Well ID: MW-14

Site Background Information

Site Location:	2 Halsey Rd, Whitesboro, NY	**Sampling Dates:**	6/2/20
Job Number:	WHI6524.GW	**Field Team Leader:**	
Weather:	Cloudy, 66°F	**Team Personnel:**	KG, CJL, LB

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
6-2-20	11:25	CJL	Solinst-101		uncorrected	—	uncorrected	—
			corr. factor	0	corrected	6.39	corrected	17.15

Measurement Point: 2" pvc SP

DTB - after sampling = 17.12

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Good	yes	yes	Good	yes

Concrete Collar	Ponded Water	Comments:
Good		Unable to maintain the 0.30' drawdown criteria

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
6-2-20	4:10	4:21	4:21	5:05	5:05	5:06	CJL	6-1-20

Instrument Mfg & Model

pH	YSI-DSS
Temp.	YSI 600~~XL-M~~ / ~~YSI 556~~ - Serial # 18D100748
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-1

	Initial Water Depth (ft):		6.30	Time:	4:20			
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
4:24	6.61	140	7.00	10.7	508	154.7	1.85	4.45
4:29	6.85		6.98	10.5	506	153.3	0.81	3.35
4:34	7.14		7.01	10.5	507	150.8	0.62	2.46
4:39	7.37		7.00	10.5	508	139.1	0.55	3.04
4:44	7.49		6.99	10.6	508	129.0	0.57	1.61
4:49	7.60		6.99	10.8	508	111.0	0.66	0.93
4:54	7.72		6.99	10.7	508	100.3	0.72	0.67
4:59	7.81	↓	6.99	10.6	507	96.8	0.75	0.51
5:04	7.89		6.99	10.7	506	92.1	0.78	0.62
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic puimp	Clear	—	6160	12.15

Sample Containers

Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

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Well ID: RW-1

Site Background Information

Site Location:	2 Halsey Rd, Whitesboro, NY
Job Number:	WHI6524.GW
Weather:	OVERCAST 65 °F
Sampling Dates:	6/2/20
Field Team Leader:	
Team Personnel:	CJL, KG, LB

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
6/2/20	11:52	CJL	Solinst-101		uncorrected		uncorrected	
			corr. factor	0	corrected	5.60	corrected	16.27

Measurement Point: 4" pvc SP

DTB - after sampling = NM

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Good	No	Yes	Good	Yes

Concrete Collar	Ponded Water	Comments:
—	No	Unable to measure 0.3' drawdown certain

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
6/2/20	5:13	5:15	5:15	5:48	5:50	5:53	CB	6/1/20

Instrument Mfg & Model	
pH	
Temp.	
Sp. Cond.	
ORP	
DO	
	Pro Plus QuatTro YSI 600XL-M / YSI 556 - Serial # 16D101363
Turbidity	HF Scientific DRT-15CE - Serial # HPP50

Initial Water Depth (ft): 5.57 Time: 5:13

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
5:25	5.75	100	6.98	11.1	643.8	65.2	0.53	2.80
5:30	5.83	↓	6.97	11.0	643.4	64.9	0.53	2.36
5:35	5.87		6.97	11.1	642.8	64.5	0.50	2.93
5:40	5.90		6.98	11.1	643.3	63.2	0.46	2.46
5:45	5.91		6.99	11.4	643.7	62.2	0.50	2.60
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic puimp	clear	—	3300	11.27

Sample Containers

Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

Page __2__ of __2__

Well ID:

Site Background Information

Site Location: 2 Halsey Rd, Whitesboro, NY
Job Number: WHI6524.GW
Weather:
Sampling Dates: 6-2-20
Field Team Leader:
Team Personnel:

~~Time~~ MW	Water Depth (ft)	~~Flow Rate~~ (TMP) (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)	
12	9.72	10:16							
7B	3.86	10:39							
7C	4.61	10:44							
13	6.83	10:51							
05	9.69	10:54							
10	4.30	11:08							
02	3.97	11:20							
14	6.39	11:25							
03	10.36	11:32							
~~04~~	8.30	11:34							
08	5.07	11:51				MW	DTW	DTB	TIME
RW-1	5.60	11:52	11:52	11:52					
09	6.46	11:54							
06	8.82	10:15							
EB	6/3/20	@2:25							
					A	+	HI	—	ELEV.
01	Destroyed								100.00
07A	Destroyed								
11	Unable to locate.		May be	paved over					
15	Unable to locate								

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Monitor Well Data Sheet

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Well ID: MW-01

Site Background Information

Site Location:	2 Halsey Rd, Whitesboro, NY	**Sampling Dates:**	6/20/20
Job Number:	WHI6524.GW	**Field Team Leader:**	
Weather:		**Team Personnel:**	CJC, MG, LB

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
			Solinst-101		uncorrected		uncorrected	
			corr. factor	0	corrected		corrected	

Measurement Point: 2" pvc DTB - after sampling =

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock

Concrete Collar	Ponded Water	Comments:
		Destroyed

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		

Instrument Mfg & Model	
pH	YSI 600XL-M / YSI 556 - Serial #
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial #

Initial Water Depth (ft):			Time:				
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic puimp				

Sample Containers

Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

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Well ID: MW-07A

Site Background Information

Site Location:	2 Halsey Rd, Whitesboro, NY	**Sampling Dates:**	6/2/20
Job Number:	WHI6524.GW	**Field Team Leader:**	
Weather:		**Team Personnel:**	AW, LG, LB

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
			Solinst-101		uncorrected		uncorrected	
			corr. factor	0	corrected		corrected	

Measurement Point: 2" pvc DTB - after sampling =

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock

Concrete Collar	Ponded Water	Comments:
		Destroyed

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		

Instrument Mfg & Model	
pH	YSI 600XL-M / YSI 556 - Serial #
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial #

Initial Water Depth (ft):			Time:					
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic puimp				

Sample Containers

Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

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Well ID: MW-11

Site Background Information

Site Location:	2 Halsey Rd, Whitesboro, NY	**Sampling Dates:**	6/2/20
Job Number:	WHI6524.GW	**Field Team Leader:**	
Weather:		**Team Personnel:**	CW, KG, CB

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
6/2/20			Solinst-101		uncorrected		uncorrected	
			corr. factor	0	corrected		corrected	17.34

Measurement Point: 2" pvc HW DTB - after sampling =

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock

Concrete Collar	Ponded Water	Comments:
		Unable to locate

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		

Instrument Mfg & Model	
pH	YSI 600XL-M / YSI 556 - Serial #
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial #

Initial Water Depth (ft):			Time:					
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic puimp				

Sample Containers

Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

Well ID: MW-15

Site Background Information

Site Location:	2 Halsey Rd, Whitesboro, NY	**Sampling Dates:**	6/2/20
Job Number:	WHI6524.GW	**Field Team Leader:**	
Weather:		**Team Personnel:**	CJC, KG, CB

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
6/2/20			Solinst-101		uncorrected		uncorrected	
			corr. factor	0	corrected		corrected	9.20

Measurement Point: 2" pvc HW DTB - after sampling =

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock

Concrete Collar	Ponded Water	Comments:
		Unable to locate

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		

Instrument Mfg & Model	
pH	YSI 600XL-M / YSI 556 - Serial #
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial #

Initial Water Depth (ft):			Time:					
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic puimp				

Sample Containers

Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

Well ID: MW-02

Site Background Information

Site Location:	2 Halsey Rd, Whitesboro, NY	**Sampling Dates:**	10/1/20
Job Number:	WHI6524.GW	**Field Team Leader:**	
Weather:	P.SUNNY 61°F	**Team Personnel:**	CSL, ICG

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
10/1/20	9:48	ICG	Solinst-101		uncorrected		uncorrected	
			corr. factor	0	corrected	6.46	corrected	15.87

Measurement Point: 2" pvc HW DTB - after sampling = NM

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
POOR	No	No	bent/cracked	No

Concrete Collar	Ponded Water	Comments:
Good	No	PVC broken, no plug or SP lid Unable to maintain 0.3' drawdown criteria

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
10/1/20	9:48	9:52	9:52	10:59	10:54	11:01	ICG	9/30/20

Instrument Mfg & Model	
pH	YSI 600XL-M / YSI 556 - Serial # 14C7866AB
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-4

Initial Water Depth (ft): 6.46 Time: 9:48

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
9:58	6.98	110	6.95	16.08	726	125.1	1.00	17.17
10:03	7.02		6.93	16.16	725	84.8	0.56	19.53
10:08	7.01		6.94	16.27	726	71.4	0.55	18.22
10:13	7.00		6.97	16.28	729	50.0	0.65	25.0
10:18	7.00		6.96	16.14	735	24.1	0.90	22.8
10:23	7.01		6.93	16.08	739	5.7	1.18	20.7
10:28	7.04		6.98	16.43	745	-7.8	1.49	15.51
10:33	7.03		6.98	16.19	745	-11.3	1.55	13.99
10:38	7.02		6.96	16.25	745	-14.1	1.63	9.66
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic puimp	clear	—	7370	11.16

Sample Containers

Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

Well ID: MW-2

Site Background Information

Site Location: 2 Halsey Rd, Whitesboro, NY
Job Number: WHI6524.GW
Weather: Sunny 61°F

Sampling Dates: 10/1/20
Field Team Leader:
Team Personnel: CLC, MG

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
10:43	7.01	110	6.98	16.08	746	-19.1	1.66	7.13
10:48	7.01	"	6.97	16.14	746	-20.2	1.70	4.92
10:53	7.02	"	6.98	16.12	745	-21.2	1.68	3.83
10:58	7.02	"	6.98	16.11	745	-21.0	1.69	3.97

Req. Limits for Last 3 Readings	+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

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Monitor Well Data Sheet

Well ID: MW-03

Site Background Information

Site Location:	2 Halsey Rd, Whitesboro, NY	**Sampling Dates:**	10-1-20
Job Number:	WHI6524.GW	**Field Team Leader:**	—
Weather:	M. Sunny, 61°F	**Team Personnel:**	KG, CJL

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
10-1-20	9:51	CJL	Solinst-101		uncorrected	—	uncorrected	—
			corr. factor	0	corrected	11.79	corrected	15.81

Measurement Point: 2" pvc, SP

DTB - after sampling = 15.86

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Good	yes	yes	Good	yes

Concrete Collar	Ponded Water	Comments:
Good	No	possible product Unable to maintain the 0.30' drawdown criteria

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
10-1-20	9:45	10:00	10:00	11:25	11:25	11:27	CJL	9-30-20

Instrument Mfg & Model	
pH	
Temp.	
Sp. Cond.	YSI ~~600XL-M~~ / (YSI 556) - Serial # 18K07
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # ~~HRP-7~~

Initial Water Depth (ft): 11.79 Time: 9:59

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
10:04	12.01	100	7.26	18.41	462	-36.7	2.03	2.67
10:09	12.18		7.09	18.61	420	12.6	4.13	2.81
10:14	12.38		7.06	18.42	395	28.0	4.90	2.43
10:19	12.56		7.05	18.29	403	34.2	5.19	2.99
10:24	12.77		7.07	18.38	420	20.9	4.87	2.81
10:29	13.00		7.12	18.24	484	-15.6	3.00	3.90
10:34	13.20		7.18	18.07	596	-50.9	1.18	4.70
10:39	13.50		7.25	17.91	615	-73.5	0.93	4.45
10:44	13.63	↓	7.27	17.77	666	-93.9	0.52	3.23
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic puimp	Clear	—	8500	13.80

Sample Containers

Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

Well ID: MW-03

Site Background Information

Site Location: 2 Halsey Rd, Whitesboro, NY
Job Number: WHI6524.GW
Weather: M. Cloudy, 63°F

Sampling Dates: 10-1-20
Field Team Leader: —
Team Personnel: KG, CJL

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
10:49	13.79	100	7.29	17.71	686	-101.2	0.40	2.03
10:54	13.88		7.31	17.71	707	-90.4	2.34	2.51
10:59	13.98		7.33	17.73	707	-103.5	0.16	1.57
11:04	14.06		7.34	18.07	693	-107.9	0.12	1.31
11:09	14.13		7.34	18.11	673	-104.5	0.11	1.02
11:14	14.24		7.34	18.11	643	-104.5	0.11	0.93
11:19	14.31	↓	7.34	18.07	633	-107.4	0.12	1.06
11:24	14.39		7.34	17.92	625	-108.3	0.12	1.01

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Monitor Well Data Sheet

Well ID: MW-04

Site Background Information

Site Location:	2 Halsey Rd, Whitesboro, NY	**Sampling Dates:**	10-1-20
Job Number:	WHI6524.GW	**Field Team Leader:**	—
Weather:	M. Cloudy, 63°F	**Team Personnel:**	KG, CJL

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
10-1-20	10:12	CJL	Solinst-101		uncorrected	—	uncorrected	—
			corr. factor	0	corrected	10.96	corrected	15.49

Measurement Point: 2" pvc, SP

DTB - after sampling = 15.47

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Fair *	yes	yes	Good	Yes-new

Concrete Collar	Ponded Water	Comments:
Good	NO	Unable to maintain the a3o' drawdown criteria. * PVC too high to close well lid

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
10-1-20	11:29	11:36	11:36	12:21	12:21	12:23	CJL	9-30-20

Instrument Mfg & Model	
pH	YSI ~~600XL-M~~ / (YSI 556) - Serial # 18K07
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRS-7

Initial Water Depth (ft): 10.96 Time: 11:29

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
11:40	11.31	100	7.06	16.51	336	29.1	2.98	7.81
11:45	11.50	"	7.04	16.52	318	23.2	2.76	6.92
11:50	11.67	"	7.04	16.69	312	24.3	2.39	6.68
11:55	11.83	"	7.04	16.85	331	24.8	2.13	5.04
12:00	12.04	"	7.06	16.98	363	16.7	1.84	4.57
12:05	12.12	"	7.06	16.89	371	16.3	1.82	3.86
12:10	12.23	"	7.07	16.68	386	14.5	1.70	3.53
12:15	12.32	"	7.08	16.58	390	12.7	1.67	2.83
12:20	12.41	"	7.08	16.53	396	11.4	1.62	2.92
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic puimp	clear	—	4500	13.22

Sample Containers

Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

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Well ID: MW-05

Site Background Information

Site Location:	2 Halsey Rd, Whitesboro, NY	**Sampling Dates:**	10/1/20
Job Number:	WHI6524.GW	**Field Team Leader:**	
Weather:	P.Cloudy 66°F	**Team Personnel:**	CSL, KG

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
10/1/20	3:14	KG	Solinst-101		uncorrected		uncorrected	
			corr. factor	0	corrected	9.87	corrected	16.00

Measurement Point: 2" pvc SP

DTB - after sampling = 15.96

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Good	Yes	Yes	Good	Yes

Concrete Collar	Ponded Water	Comments:
Good	No	

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
10/1/20	3:14	3:19	3:19	3:43	3:43	3:45	KG	9/30/20

Instrument Mfg & Model	
pH	YSI 600XL-M / YSI 556 - Serial #04C2666AB
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HM4

Initial Water Depth (ft): 9.87 Time: 3:14

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
3:22	10.02	80	7.64	17.59	664	96.9	5.29	4.86
3:27	10.07		7.44	16.96	644	84.6	0.61	2.12
3:32	10.11		7.41	16.89	644	77.4	0.23	2.51
3:37	10.12		7.41	16.80	645	77.7	0.01	2.12
3:42	10.13		7.40	16.95	645	79.6	0.06	2.10
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic puimp	clear	—	1920	12.93

Sample Containers

Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

Well ID: MW-6BR

Site Background Information

Site Location:	2 Halsey Rd, Whitesboro, NY	**Sampling Dates:**	10/1/20
Job Number:	WHI6524.GW	**Field Team Leader:**	
Weather:	P. Cloudy 64°F	**Team Personnel:**	CJC, KG

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
10/1/20	1:01	KG	Solinst-101		uncorrected		uncorrected	29
			corr. factor	0	corrected	12.12	corrected	28.33

Measurement Point: 2" pvc HW

DTB - after sampling = 28.31

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Good	No	Yes	Good	Yes

Concrete Collar	Ponded Water	Comments:
Good	No	

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
10/1/20	1:01	1:05	1:05	2:15	2:15	2:20	KG	9/30/20

Instrument Mfg & Model	
pH	YSI 600XL-M / YSI 556 - Serial # 04C2866AB
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-4

Initial Water Depth (ft): 12.12 Time: 1:01

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
1:09	12.15	110	6.61	14.68	815	87.8	2.50	61.9
1:14	12.16		6.50	14.27	845	88.6	0.21	64.7
1:19	12.16		6.54	14.17	864	83.3	0.14	45.6
1:24	12.17		6.60	14.05	853	71.7	0.35	50.9
1:29	12.17		6.62	14.09	851	65.0	0.51	43.5
1:34	12.18		6.61	14.06	850	63.7	0.77	32.0
1:39	12.18		6.62	14.14	850	62.8	0.85	19.2
1:44	12.19		6.62	14.09	878	62.3	1.01	19.66
1:49	12.19		6.62	13.99	850	62.2	1.19	19.53
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic puimp	cloudy / clear	—	7700	23.33

Sample Containers

Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

Well ID: MW6BR

Site Background Information

Site Location: 2 Halsey Rd, Whitesboro, NY
Job Number: WHI6524.GW
Weather: P.Cloudy 40°F

Sampling Dates: 6/1/20
Field Team Leader:
Team Personnel: CJC, KB

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
1:54	12.19	110	6.61	13.85	875	62.0	1.35	17.86
1:59	12.19	↓	6.64	13.75	881	60.9	1.43	18.03
2:04	12.19		6.62	13.64	882	60.5	1.46	12.32
2:09	12.20		6.63	13.56	880	59.7	1.49	12.09
2:14	12.20		6.64	13.51	879	59.4	1.56	11.57

Req. Limits for Last 3 Readings	+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

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Monitor Well Data Sheet

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Well ID: MW-11r

Site Background Information

Site Location:	2 Halsey Rd, Whitesboro, NY	**Sampling Dates:**	10/1/20
Job Number:	WHI6524.GW	**Field Team Leader:**	
Weather:	P. cloudy 63°F	**Team Personnel:**	CJL, KR

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
10/1/20	12:10	KR	Solinst-101		uncorrected		uncorrected	17.5'
			corr. factor	0	corrected	15.06	corrected	17.63

Measurement Point: 2" pvc HW

DTB - after sampling = 17.64

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Good	No	Yes	Good	Yes

Concrete Collar	Ponded Water	Comments:
Good	No	

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
10/1/20	12:10	12:14	12:14	12:53	12:53	12:55	KR	9/30/20

Instrument Mfg & Model	
pH	YSI 600XL-M / YSI 556 - Serial # 04C2866AB
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HR1.4

Initial Water Depth (ft): 15.06 **Time:** 12:10

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
12:17	15.09	90	6.89	16.19	985	48.9	4.05	25.6
12:22	15.10		6.90	15.28	965	60.3	0.83	64.2
12:27	15.11		6.93	15.19	969	66.8	0.52	37.9
12:32	15.12		6.96	15.18	963	69.5	0.29	11.31
12:37	15.13		6.97	15.11	959	72.8	0.13	4.85
12:42	15.13		6.80	15.33	956	73.9	0.02	5.59
12:47	15.14		6.81	15.38	954	76.10	0.04	5.32
12:52	15.14		6.81	15.31	953	79.2	0.17	5.72
12:57								
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic puimp	cloudy/clear	—	3570	16.34

Sample Containers

Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

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Well ID: MW-15r

Site Background Information

Site Location:	2 Halsey Rd, Whitesboro, NY	**Sampling Dates:**	10/1/20
Job Number:	WHI6524.GW	**Field Team Leader:**	
Weather:	M. Cloudy 62°F	**Team Personnel:**	CW, KG

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
			Solinst-101		uncorrected		uncorrected	11.0'
10/1/20	10:40	KG	corr. factor	0	corrected	3.25	corrected	10.38

Measurement Point: 2" pvc HW DTB - after sampling = 10.39

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Good	No	Yes	Good	Yes

Concrete Collar	Ponded Water	Comments:
Good	Yes	7' screen

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
10/1/20	11:05	11:07	11:07	11:52	11:52	11:54	KG	9/30/20

Instrument Mfg & Model	
pH	YSI 600XL-M / YSI 556 - Serial # 04C286CA15
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HPP4

Initial Water Depth (ft): 3.10 Time: 11:05

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
11:11	3.21	90	7.19	19.14	1056	19.6	1.16	78.7
11:16	3.22		7.19	19.21	1057	4.9	0.39	74.2
11:21	3.23		7.19	18.89	1052	-6.9	0.09	77.3
11:26	3.26		7.19	18.89	1050	-10.8	0.04	64.5
11:31	3.26		7.20	18.79	1050	-17.5	0.07	55.3
11:36	3.26		7.19	19.01	1058	-21.1	0.14	48.6
11:41	3.26		7.19	18.86	1061	-24.6	0.23	42.8
11:46	3.26		7.19	18.75	1065	-26.8	0.30	43.3
11:51	3.26		7.19	18.89	1068	-28.4	0.40	40.3
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic puimp	cloudy	—	4050	bottom

Sample Containers

Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

Page 1 of 1

Well ID: HRP-1

Site Background Information

Site Location:	2 Halsey Rd, Whitesboro, NY	**Sampling Dates:**	10-1-20
Job Number:	WHI6524.GW	**Field Team Leader:**	—
Weather:	M. Cloudy, 63°F	**Team Personnel:**	KG, CJL

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
10-1-20	12:55	CJL	Solinst-101		uncorrected	—	uncorrected	7.5'
			corr. factor	0	corrected	7.35	corrected	7.97

Measurement Point: 2" pvc, HW DTB - after sampling = 8.02

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Good	yes	yes	Good	yes

Concrete Collar	Ponded Water	Comments:
Good	No	5' screen

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
10-1-20	12:45	12:59	12:59	1:13	3:10	3:12	CJL	9-30-20

Instrument Mfg & Model	
pH	YSI 600XL-M / (YSI 556) Serial # 18K07
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-7

Initial Water Depth (ft):	7.35	Time:	12:58

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
1:02	7.45	100	7.48	18.30	550	48.6	4.45	11.7
1:07	7.55	↓	7.38	18.01	552	55.7	3.97	9.89
1:12	7.65	↓	7.35	17.93	561	53.9	3.97	15.1
1:13 —	Stopped purging due to minimal water and rapid drawdown. Let recover							
3:10	7.39 +	Collected grab sample.						
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic puimp	clear	—	1400	7.66

Sample Containers

Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

Page 1 of 1

Well ID: HRP-2

Site Background Information

Site Location:	2 Halsey Rd, Whitesboro, NY	**Sampling Dates:**	10/1/20
Job Number:	WHI6524.GW	**Field Team Leader:**	
Weather:	P Cloudy 65°F	**Team Personnel:**	CJC, KG

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
10/1/20	1:08	KG	Solinst-101		uncorrected		uncorrected	12.5'
			corr. factor	0	corrected	9.51	corrected	12.10

Measurement Point: 2" pvc HW

DTB - after sampling = 12.17

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Good	No	Yes	Good	Yes

Concrete Collar	Ponded Water	Comments:
Good	No	Unable to maintain 0.3' drawdown criteria

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
10/1/20	2:21	2:25	2:25	3:02	3:02	3:04	KG	9/30/20

Instrument Mfg & Model

pH	YSI 600XL-M / YSI 556 - Serial # 04C2866AB
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-15CE - Serial # HRP-4

	Initial Water Depth (ft):	9.49	Time:	2:21				
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
2:31	9.67	50	7.30	16.61	1007	75.1	2.73	24.8
2:36	9.73		7.27	16.85	1007	75.6	2.38	19.24
2:41	9.82		7.25	16.93	1006	76.7	2.85	15.64
2:46	9.89		7.25	16.98	1008	78.4	3.23	9.59
2:51	9.97		7.26	16.94	1008	80.2	3.46	4.38
2:56	10.04		7.26	16.61	1009	82.4	3.7	3.45
3:01	10.13		7.26	16.56	1007	84.5	3.69	4.26
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic puimp	cloudy/brown	—	2460	10.50

Sample Containers

Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl

Type & No.	Volume	Preservative

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Monitor Well Data Sheet

Well ID: HRP-BR-1

Site Background Information

Site Location:	2 Halsey Rd, Whitesboro, NY	**Sampling Dates:**	10-1-20
Job Number:	WHI6524.GW	**Field Team Leader:**	—
Weather:	M. Cloudy, 64°F	**Team Personnel:**	KG, CJL

Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model		Depth to Water (ft)		Depth to Bottom (ft)	
			Solinst-101		uncorrected	—	uncorrected	26
10-1-20	12:53	CJL	corr. factor	0	corrected	8.25	corrected	24.80

Measurement Point: 2" pvc, MW DTB - after sampling = 24.86

Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Good	yes	yes	Good	yes

Concrete Collar	Ponded Water	Comments:
Good	No	Unable to maintain the 0.30' drawdown criteria

Well Purging Data

Date	Time						Sampler Initials	Instrument Calibration Date
	Equipment Set-up		Purging		Sample Collection			
	Start	Finish	Start	Finish	Start	Finish		
10-1-20	1:17	1:27	1:27	3:01	3:01	3:03	CJL	9-30-20

Instrument Mfg & Model	
pH, Temp., Sp. Cond., ORP, DO	YSI 600XL-M / YSI 556 - Serial # 18K07
Turbidity	HF Scientific DRT-15CE - Serial # HRP-7

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
Initial Water Depth (ft):	8.19	Time:	1:26					
1:30	8.63	100	7.72	15.67	1014	18.2	2.41	5.81
1:35	9.05		7.71	15.64	1020	-63.4	0.21	6.48
1:40	9.21		7.72	15.43	1009	-79.5	0.16	9.96
1:45	9.35		7.88	15.31	949	-99.1	0.30	29.6
1:50	9.45		8.18	15.52	890	-111.3	0.49	26.1
1:55	9.53		8.17	15.36	892	-116.8	0.52	21.9
2:00	9.71		8.00	15.02	909	-118.4	0.40	24.0
2:05	9.74	↓	7.94	15.19	915	-119.1	0.39	20.5
2:10	9.75		7.93	15.38	914	-124.0	0.40	26.4
Req. Limits for Last 3 Readings			+/- 0.1	3%	3%	+/- 10 mv	10% > 0.5	10% > 5

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
peristaltic puimp	Clear	—	9400	19.80

Sample Containers

Type & No.	Volume	Preservative
3 vials	3 x 40mL	HCl

Type & No.	Volume	Preservative

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(860) 674-9570

Monitor Well Data Sheet

Well ID: HRP-BR-1

Site Background Information

Site Location: 2 Halsey Rd, Whitesboro, NY
Job Number: WHI6524.GW
Weather: P. Cloudy, 64°F

Sampling Dates: 10-1-20
Field Team Leader: —
Team Personnel: KG, CJL

Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
2:15	9.75	100	7.85	15.18	919	-122.7	0.39	36.1
2:20	9.73	"	7.81	15.35	929	-122.9	0.35	29.7
2:25	9.71	"	7.74	15.25	945	-126.2	0.31	24.2
2:30	9.72	"	7.73	15.12	949	-127.1	0.27	23.1
2:35	9.74	"	7.69	15.25	956	-129.4	0.24	16.1
2:40	9.75	"	7.67	15.39	960	-131.5	0.34	12.1
2:45	9.77	"	7.65	15.19	963	-130.9	0.23	9.74
2:50	9.78	"	7.65	15.23	964	-134.1	0.31	5.72
2:55	9.80	"	7.65	14.97	963	-134.5	0.30	5.47
3:00	9.82	"	7.65	14.91	963	-136.2	0.29	5.21

WHI 65726

Δ	±	HI	—	Elev	Notes
		105.62		103.28	
RW-1 pvc	2.34		3.06	102.56	Prev. elev 102.63
8 pvc			4.03	101.59	Prev. elev 101.73
3 pvc			6.09	99.53	
MW-4R pvc			5.52	100.10	
ground			2.34	103.28 ✓	
RW-1 pvc					

Δ	±	HI	—	Elev	Note
		108.17		99.34	
MW-6 pvc	8.83		16.69	91.48	
HRP-1 pvc			16.52	91.65	
ground			16.63	91.54	
BR-1 pvc			16.29	91.88	
ground			13.91	94.26	Prev. elev 88.89
MW-12 pvc			8.88	99.29	
HRP-2 pvc			8.52	99.65	
ground			6.07	102.10	Prev. elev 97.22
MW-13 pvc			5.32	102.85	
MW-11R pvc			4.83	103.34	
ground			8.91	99.26	
MW-6BR pvc			8.57	99.60	
ground			8.83	99.34 ✓	
MW-6 pvc					

Reference elevation taken from ~~chart~~ Table B-1

Previous Elevations for chart- WAY off. whole site should be resurveyed

10/1/20 Other NY

WHITE SPRUCE

ID	DBH	Time	
14	13.52	9:55	
RW-1	9.47	10:02	
8	9.07	10:04	
9	12.39	10:07	
15R	3.25	10:10	Bonded Lumber
10	5.05	11:09	
6	DRY	1:11	
12	10.85	1:15	
13	7.05	1:43	
7B	6.11	3:39	
7C	7.09	3:41	
MW 2	6.46	9:48	
3	11.79	9:51	
4	10.96	10:12	
5	9.87	3:14	
6BR	12.12	1:01	
11R	15.06	12:10	
HPP-1	7.35	12:55	
HPP-2	9.51	1:08	
HPP-BR-1	8.25	12:53	

Rite in the Rain

Date: 02/13/2020

Site Name: 2 Halsey Rd – Utica

Job # WHI65 GW

Weather: West blowing wind

Soil Gas Survey Information

Soil Gas Point	Action Conducted	Time (min:sec)	Flow (L/min)	Summa Can ID#	Reg Initial Vac. ("Hg)	Reg Final Vac. ("Hg)	Regulator ID	Notes
VP-1	Start Sample	2:53		BC2467	29		4609	Water treatment
	Stop Sample	6:18				9		
VP-2	Start Sample	2:58		BC2488	30		4642	By spray bath
	Stop Sample	7:00				8		
VP-3	Start Sample	2:52		BC2442	27		4618	By treatment shed
	Stop Sample	7:06				6		
VP-4	Start Sample	3:00		BC2459	27		4632	Outside calibration room
	Stop Sample	7:09				6		
VP-5	Start Sample	3:02		BC2477	28		4612	Main production floor
	Stop Sample	7:12				6		
INT-1	Start Sample	3:06		BC2450	28		4648	
	Stop Sample	7:17				7		
INT-2	Start Sample	3:09		BC2453	30		4647	
	Stop Sample	7:15				9		
INT-3	Start Sample	3:12		BC2467	30		4615	Office
	Stop Sample	7:14				9		
ETT-Down	Start Sample	3:18		BC2454	26		4650	
	Stop Sample	7:25				8		
ETT-Up	Start Sample	3:24		BC2468	28		4621	
	Stop Sample	7:33				8		

HRP Associates, Inc.
197 Scott Swamp Road
Farmington, Connecticut 06032
(860) 674-9570

Date: 6/2/2020

Site Background Information

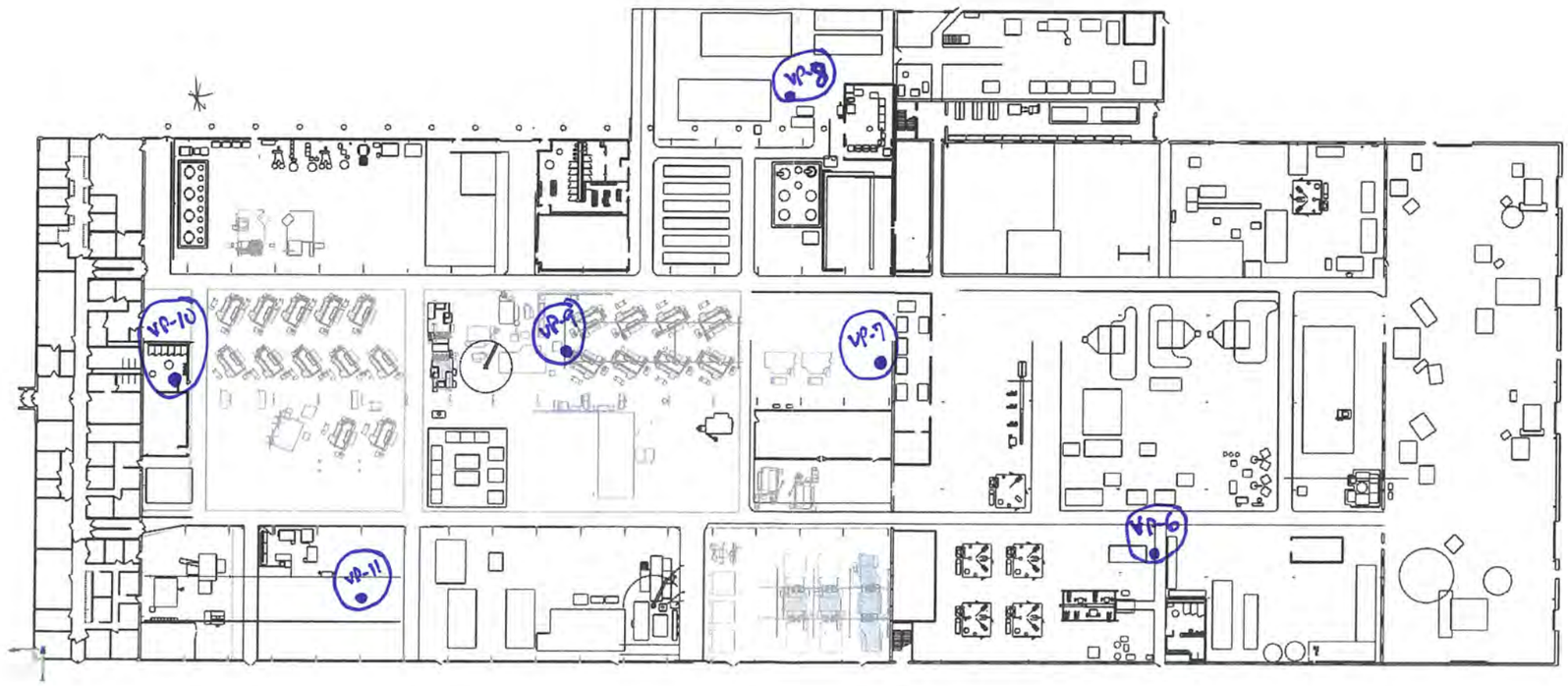
Site Name: 2 Halsey Rd, Whitesboro, NY
Job #: WHI6524.GW
Weather: Lt rain, 65°F

Field Team Leader:
Team Members: KG

Soil Gas Survey Information

Soil Gas Point	Action Conducted	Time (min. sec.)	Flow (L/min.)	Summa Can ID#	Reg. initial Vac. ("Hg)	Reg. final Vac. ("Hg)	Regulator ID	Notes
VP-6	Start Sample	1:39	0.025	BC1196	27		4630	
	Stop Sample	5:39	0.025			7		
VP-7	Start Sample	1:42	0.025	BC1832	29		4612	
	Stop Sample	5:42	0.025			7		
VP-8	Start Sample	1:45	0.025	BC2173	29		4609	
	Stop Sample	5:45	0.025			9		
VP-9	Start Sample	1:47	0.025	BC1447	28		4602	
	Stop Sample	5:47	0.025			8		
VP-10	Start Sample	1:48	0.025	BC2196	29		4626	
	Stop Sample	5:48	0.025			7		
VP-11	Start Sample	1:49	0.025	BC1201	29		4641	
	Stop Sample	5:49	0.025			9		

Notes: CoreBuilt cleared all locations. Installed VP-6 thru VP-11 between 12:39 and 1:08. Let points equilibrite for 45min to 1 hr prior to sampling. Sample time was 4 hours using 6 L Summa canisters. BL-1 = Trip Blank Summa Can ID # BC1390
Samples submitted to ConTest for TO-15. All points backfilled with sand and bentonite and finished off with concrete.


VP-8
VP-10
VP-9
VP-7
VP-11
VP-6

APPENDIX B
Laboratory Analytical Reports

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

February 19, 2020

Brian Lowry
HRP Associates, Inc. (Private)
197 Scott Swamp Road
Farmington, CT 06032

Project Location: 2 Halsey Rd., Whitesboro, NY
Client Job Number:
Project Number: WHI6522.GW
Laboratory Work Order Number: 20B0715

Enclosed are results of analyses for samples received by the laboratory on February 17, 2020. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kerry K. McGee
Project Manager

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con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

HRP Associates, Inc. (Private)
197 Scott Swamp Road
Farmington, CT 06032
ATTN: Brian Lowry

REPORT DATE: 2/19/2020

PURCHASE ORDER NUMBER:

PROJECT NUMBER: WHI6522.GW

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 20B0715

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 2 Halsey Rd., Whitesboro, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
RW-1	20B0715-01	Ground Water		SW-846 8260C-D	
MW-2	20B0715-02	Ground Water		SW-846 8260C-D	
MW-3	20B0715-03	Ground Water		SW-846 8260C-D	
MW-4	20B0715-04	Ground Water		SW-846 8260C-D	
MW-5	20B0715-05	Ground Water		SW-846 8260C-D	
MW-6	20B0715-06	Ground Water		SW-846 8260C-D	
MW-7B	20B0715-07	Ground Water		SW-846 8260C-D	
MW-7C	20B0715-08	Ground Water		SW-846 8260C-D	
MW-8	20B0715-09	Ground Water		SW-846 8260C-D	
MW-9	20B0715-10	Ground Water		SW-846 8260C-D	
MW-10	20B0715-11	Ground Water		SW-846 8260C-D	
MW-12	20B0715-12	Ground Water		SW-846 8260C-D	
MW-13	20B0715-13	Ground Water		SW-846 8260C-D	
MW-14	20B0715-14	Ground Water		SW-846 8260C-D	
DUP	20B0715-15	Ground Water		SW-846 8260C-D	
TB	20B0715-16	Trip Blank Water		SW-846 8260C-D	
EB	20B0715-17	Equipment Blank Water		SW-846 8260C-D	
DUP-2	20B0715-18	Ground Water		SW-846 8260C-D	

con-test® ANALYTICAL LABORATORY

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

CASE NARRATIVE SUMMARY

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

SW-846 8260C-D

Qualifications:

L-04

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene

20B0715-01[RW-1], 20B0715-02[MW-2], 20B0715-03[MW-3], 20B0715-04[MW-4], 20B0715-05[MW-5], 20B0715-06[MW-6], 20B0715-07[MW-7B], 20B0715-08[MW-7C], 20B0715-09[MW-8], 20B0715-10[MW-9], 20B0715-11[MW-10], 20B0715-12[MW-12], 20B0715-13[MW-13], 20B0715-14[MW-14], 20B0715-15[DUP], 20B0715-16[TB], 20B0715-17[EB], 20B0715-18[DUP-2], B252470-BLK1, B252470-BS1, B252470-BSD1

1,2,4-Trichlorobenzene

20B0715-01[RW-1], 20B0715-02[MW-2], 20B0715-03[MW-3], 20B0715-04[MW-4], 20B0715-05[MW-5], 20B0715-06[MW-6], 20B0715-07[MW-7B], 20B0715-08[MW-7C], 20B0715-09[MW-8], 20B0715-10[MW-9], 20B0715-11[MW-10], 20B0715-12[MW-12], 20B0715-13[MW-13], 20B0715-14[MW-14], 20B0715-15[DUP], 20B0715-16[TB], 20B0715-17[EB], 20B0715-18[DUP-2], B252470-BLK1, B252470-BS1, B252470-BSD1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

20B0715-02[MW-2]

V-05

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

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene

20B0715-01[RW-1], 20B0715-02[MW-2], 20B0715-03[MW-3], 20B0715-04[MW-4], 20B0715-05[MW-5], 20B0715-06[MW-6], 20B0715-07[MW-7B], 20B0715-08[MW-7C], 20B0715-09[MW-8], 20B0715-10[MW-9], 20B0715-11[MW-10], 20B0715-12[MW-12], 20B0715-13[MW-13], 20B0715-14[MW-14], 20B0715-15[DUP], 20B0715-16[TB], 20B0715-17[EB], 20B0715-18[DUP-2], B252470-BLK1, B252470-BS1, B252470-BSD1, S045756-CCV1

1,2,4-Trichlorobenzene

20B0715-01[RW-1], 20B0715-02[MW-2], 20B0715-03[MW-3], 20B0715-04[MW-4], 20B0715-05[MW-5], 20B0715-06[MW-6], 20B0715-07[MW-7B], 20B0715-08[MW-7C], 20B0715-09[MW-8], 20B0715-10[MW-9], 20B0715-11[MW-10], 20B0715-12[MW-12], 20B0715-13[MW-13], 20B0715-14[MW-14], 20B0715-15[DUP], 20B0715-16[TB], 20B0715-17[EB], 20B0715-18[DUP-2], B252470-BLK1, B252470-BS1, B252470-BSD1, S045756-CCV1

1,3,5-Trichlorobenzene

20B0715-01[RW-1], 20B0715-02[MW-2], 20B0715-03[MW-3], 20B0715-04[MW-4], 20B0715-05[MW-5], 20B0715-06[MW-6], 20B0715-07[MW-7B], 20B0715-08[MW-7C], 20B0715-09[MW-8], 20B0715-10[MW-9], 20B0715-11[MW-10], 20B0715-12[MW-12], 20B0715-13[MW-13], 20B0715-14[MW-14], 20B0715-15[DUP], 20B0715-16[TB], 20B0715-17[EB], 20B0715-18[DUP-2], B252470-BLK1, B252470-BS1, B252470-BSD1, S045756-CCV1

V-20

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

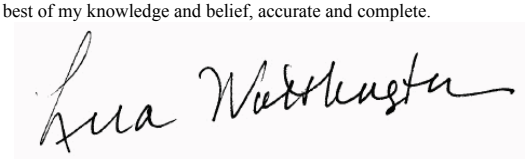
Analyte & Samples(s) Qualified:

Bromomethane

B252470-BS1, B252470-BSD1, S045756-CCV1

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

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



Lisa A. Worthington
Technical Representative

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: RW-1 | Sampled: 2/13/2020 12:43

Sample ID: 20B0715-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05, L-04	SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	V-05, L-04	SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: RW-1 | Sampled: 2/13/2020 12:43

Sample ID: 20B0715-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:56	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		2/18/20 14:56
Toluene-d8	98.7	70-130		2/18/20 14:56
4-Bromofluorobenzene	89.8	70-130		2/18/20 14:56

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

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: MW-2 | Sampled: 2/13/2020 13:42

Sample ID: 20B0715-02

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromobenzene	ND	10	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
Bromochloromethane	ND	10	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
Bromodichloromethane	ND	10	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
Bromoform	ND	10	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
Bromomethane	ND	20	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
Carbon Tetrachloride	ND	50	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
Chlorobenzene	ND	10	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
Chlorodibromomethane	ND	5.0	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
Chloroethane	ND	20	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
Chloroform	ND	20	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
Chloromethane	ND	20	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
2-Chlorotoluene	ND	10	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
4-Chlorotoluene	ND	10	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	50	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
1,2-Dibromoethane (EDB)	ND	5.0	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
Dibromomethane	ND	10	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
1,2-Dichlorobenzene	ND	10	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
1,3-Dichlorobenzene	ND	10	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
1,4-Dichlorobenzene	ND	10	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
trans-1,4-Dichloro-2-butene	ND	20	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
Dichlorodifluoromethane (Freon 12)	ND	20	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
1,1-Dichloroethane	ND	10	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
1,2-Dichloroethane	ND	10	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
1,1-Dichloroethylene	ND	10	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
cis-1,2-Dichloroethylene	500	10	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
trans-1,2-Dichloroethylene	ND	10	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
1,2-Dichloropropane	ND	10	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
1,3-Dichloropropane	ND	5.0	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
2,2-Dichloropropane	ND	10	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
1,1-Dichloropropene	ND	20	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
cis-1,3-Dichloropropene	ND	5.0	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
trans-1,3-Dichloropropene	ND	5.0	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
Hexachlorobutadiene	ND	10	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
Methylene Chloride	ND	50	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
1,1,1,2-Tetrachloroethane	ND	10	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
1,1,2,2-Tetrachloroethane	ND	5.0	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
Tetrachloroethylene	ND	10	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
1,2,3-Trichlorobenzene	ND	50	µg/L	10	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
1,2,4-Trichlorobenzene	ND	10	µg/L	10	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
1,3,5-Trichlorobenzene	ND	10	µg/L	10	V-05	SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
1,1,1-Trichloroethane	ND	10	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
1,1,2-Trichloroethane	ND	10	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
Trichloroethylene	17	10	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
Trichlorofluoromethane (Freon 11)	ND	20	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: MW-2 | Sampled: 2/13/2020 13:42

Sample ID: 20B0715-02

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,2,3-Trichloropropane	ND	20	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	10	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF
Vinyl Chloride	120	20	µg/L	10		SW-846 8260C-D	2/18/20	2/18/20 21:32	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	106	70-130		2/18/20 21:32	
Toluene-d8	99.2	70-130		2/18/20 21:32	
4-Bromofluorobenzene	93.9	70-130		2/18/20 21:32	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: MW-3 | Sampled: 2/13/2020 12:23

Sample ID: 20B0715-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
1,1-Dichloroethane	2.3	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
cis-1,2-Dichloroethylene	5.6	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
1,1,1-Trichloroethane	3.6	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
Trichloroethylene	15	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: MW-3 | Sampled: 2/13/2020 12:23

Sample ID: 20B0715-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:22	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	108	70-130		2/18/20 15:22
Toluene-d8	98.9	70-130		2/18/20 15:22
4-Bromofluorobenzene	91.1	70-130		2/18/20 15:22

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: MW-4 | Sampled: 2/13/2020 11:36

Sample ID: 20B0715-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
cis-1,2-Dichloroethylene	1.4	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
Tetrachloroethylene	1.5	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
Trichloroethylene	7.0	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: MW-4 | Sampled: 2/13/2020 11:36

Sample ID: 20B0715-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 15:49	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		2/18/20 15:49
Toluene-d8	99.4	70-130		2/18/20 15:49
4-Bromofluorobenzene	90.5	70-130		2/18/20 15:49

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: MW-5 | Sampled: 2/13/2020 15:35

Sample ID: 20B0715-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
Trichloroethylene	41	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: MW-5 | Sampled: 2/13/2020 15:35

Sample ID: 20B0715-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 21:05	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		2/18/20 21:05
Toluene-d8	99.8	70-130		2/18/20 21:05
4-Bromofluorobenzene	88.8	70-130		2/18/20 21:05

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: MW-6 | Sampled: 2/13/2020 16:51

Sample ID: 20B0715-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: MW-6 | Sampled: 2/13/2020 16:51

Sample ID: 20B0715-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:15	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		2/18/20 16:15
Toluene-d8	99.0	70-130		2/18/20 16:15
4-Bromofluorobenzene	90.0	70-130		2/18/20 16:15

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: MW-7B | Sampled: 2/13/2020 15:19

Sample ID: 20B0715-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: MW-7B | Sampled: 2/13/2020 15:19

Sample ID: 20B0715-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 16:41	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		2/18/20 16:41
Toluene-d8	98.2	70-130		2/18/20 16:41
4-Bromofluorobenzene	92.3	70-130		2/18/20 16:41

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: MW-7C | Sampled: 2/13/2020 15:57

Sample ID: 20B0715-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
cis-1,2-Dichloroethylene	11	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
Trichloroethylene	13	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: MW-7C | Sampled: 2/13/2020 15:57

Sample ID: 20B0715-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:08	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	108	70-130		2/18/20 17:08
Toluene-d8	97.3	70-130		2/18/20 17:08
4-Bromofluorobenzene	88.9	70-130		2/18/20 17:08

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: MW-8 | Sampled: 2/13/2020 13:35

Sample ID: 20B0715-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: MW-8 Sampled: 2/13/2020 13:35

Sample ID: 20B0715-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 17:34	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	108	70-130		2/18/20 17:34
Toluene-d8	98.3	70-130		2/18/20 17:34
4-Bromofluorobenzene	91.9	70-130		2/18/20 17:34

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: MW-9 | Sampled: 2/13/2020 11:40

Sample ID: 20B0715-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: MW-9 | Sampled: 2/13/2020 11:40

Sample ID: 20B0715-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:01	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		2/18/20 18:01
Toluene-d8	97.9	70-130		2/18/20 18:01
4-Bromofluorobenzene	89.6	70-130		2/18/20 18:01

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: MW-10 | Sampled: 2/13/2020 14:38

Sample ID: 20B0715-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: MW-10 | Sampled: 2/13/2020 14:38

Sample ID: 20B0715-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:27	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		2/18/20 18:27
Toluene-d8	100	70-130		2/18/20 18:27
4-Bromofluorobenzene	91.5	70-130		2/18/20 18:27

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: MW-12 | Sampled: 2/13/2020 15:48

Sample ID: 20B0715-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05, L-04	SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: MW-12 | Sampled: 2/13/2020 15:48

Sample ID: 20B0715-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 18:53	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		2/18/20 18:53
Toluene-d8	99.9	70-130		2/18/20 18:53
4-Bromofluorobenzene	89.6	70-130		2/18/20 18:53

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: MW-13 | Sampled: 2/13/2020 16:50

Sample ID: 20B0715-13

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: MW-13 | Sampled: 2/13/2020 16:50

Sample ID: 20B0715-13

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:20	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		2/18/20 19:20
Toluene-d8	99.4	70-130		2/18/20 19:20
4-Bromofluorobenzene	89.3	70-130		2/18/20 19:20

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: MW-14 | Sampled: 2/13/2020 12:54

Sample ID: 20B0715-14

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: MW-14 | Sampled: 2/13/2020 12:54

Sample ID: 20B0715-14

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 19:46	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		2/18/20 19:46
Toluene-d8	98.7	70-130		2/18/20 19:46
4-Bromofluorobenzene	87.4	70-130		2/18/20 19:46

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: DUP | Sampled: 2/13/2020 17:25

Sample ID: 20B0715-15

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
cis-1,2-Dichloroethylene	1.8	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
Tetrachloroethylene	1.1	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05, L-04	SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
Trichloroethylene	8.2	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: DUP Sampled: 2/13/2020 17:25

Sample ID: 20B0715-15

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.1	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:13	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		2/18/20 20:13
Toluene-d8	99.9	70-130		2/18/20 20:13
4-Bromofluorobenzene	89.7	70-130		2/18/20 20:13

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: TB | Sampled: 2/13/2020 06:00

Sample ID: 20B0715-16

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: TB | Sampled: 2/13/2020 06:00

Sample ID: 20B0715-16

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 13:37	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		2/18/20 13:37
Toluene-d8	100	70-130		2/18/20 13:37
4-Bromofluorobenzene	88.3	70-130		2/18/20 13:37

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: EB | Sampled: 2/14/2020 12:15

Sample ID: 20B0715-17

Sample Matrix: Equipment Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05, L-04	SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: EB Sampled: 2/14/2020 12:15

Sample ID: 20B0715-17

Sample Matrix: Equipment Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 14:03	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	108	70-130		2/18/20 14:03
Toluene-d8	101	70-130		2/18/20 14:03
4-Bromofluorobenzene	88.1	70-130		2/18/20 14:03

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: DUP-2 | Sampled: 2/13/2020 13:37

Sample ID: 20B0715-18

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	L-04, V-05	SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd., Whitesboro, NY | Sample Description: | Work Order: 20B0715

Date Received: 2/17/2020

Field Sample #: DUP-2 | Sampled: 2/13/2020 13:37

Sample ID: 20B0715-18

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	2/18/20	2/18/20 20:39	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		2/18/20 20:39
Toluene-d8	98.0	70-130		2/18/20 20:39
4-Bromofluorobenzene	92.4	70-130		2/18/20 20:39

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

Sample Extraction Data

Prep Method: SW-846 5030B-SW-846 8260C-D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20B0715-01 [RW-1]	B252470	5	5.00	02/18/20
20B0715-02 [MW-2]	B252470	0.5	5.00	02/18/20
20B0715-03 [MW-3]	B252470	5	5.00	02/18/20
20B0715-04 [MW-4]	B252470	5	5.00	02/18/20
20B0715-05 [MW-5]	B252470	5	5.00	02/18/20
20B0715-06 [MW-6]	B252470	5	5.00	02/18/20
20B0715-07 [MW-7B]	B252470	5	5.00	02/18/20
20B0715-08 [MW-7C]	B252470	5	5.00	02/18/20
20B0715-09 [MW-8]	B252470	5	5.00	02/18/20
20B0715-10 [MW-9]	B252470	5	5.00	02/18/20
20B0715-11 [MW-10]	B252470	5	5.00	02/18/20
20B0715-12 [MW-12]	B252470	5	5.00	02/18/20
20B0715-13 [MW-13]	B252470	5	5.00	02/18/20
20B0715-14 [MW-14]	B252470	5	5.00	02/18/20
20B0715-15 [DUP]	B252470	5	5.00	02/18/20
20B0715-16 [TB]	B252470	5	5.00	02/18/20
20B0715-17 [EB]	B252470	5	5.00	02/18/20
20B0715-18 [DUP-2]	B252470	5	5.00	02/18/20

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B252470 - SW-846 5030B										
Blank (B252470-BLK1)				Prepared & Analyzed: 02/18/20						
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	1.0	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Hexachlorobutadiene	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							L-04, V-05
1,2,4-Trichlorobenzene	ND	1.0	µg/L							L-04, V-05
1,3,5-Trichlorobenzene	ND	1.0	µg/L							V-05
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*26.4*		µg/L	25.0		105	70-130			
Surrogate: Toluene-d8	*25.4*		µg/L	25.0		102	70-130			
Surrogate: 4-Bromofluorobenzene	*21.9*		µg/L	25.0		87.6	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B252470 - SW-846 5030B												
LCS (B252470-BS1)				Prepared & Analyzed: 02/18/20								
Bromobenzene	9.27	1.0	µg/L	10.0		92.7		70-130				
Bromochloromethane	10.9	1.0	µg/L	10.0		109		70-130				
Bromodichloromethane	10.6	1.0	µg/L	10.0		106		70-130				
Bromoform	9.07	1.0	µg/L	10.0		90.7		70-130				
Bromomethane	8.97	2.0	µg/L	10.0		89.7		40-160			V-20	†
Carbon Tetrachloride	10.7	5.0	µg/L	10.0		107		70-130				
Chlorobenzene	10.3	1.0	µg/L	10.0		103		70-130				
Chlorodibromomethane	10.3	0.50	µg/L	10.0		103		70-130				
Chloroethane	10.4	2.0	µg/L	10.0		104		70-130				
Chloroform	10.2	2.0	µg/L	10.0		102		70-130				
Chloromethane	7.85	2.0	µg/L	10.0		78.5		40-160				†
2-Chlorotoluene	9.85	1.0	µg/L	10.0		98.5		70-130				
4-Chlorotoluene	9.68	1.0	µg/L	10.0		96.8		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	8.91	5.0	µg/L	10.0		89.1		70-130				
1,2-Dibromoethane (EDB)	10.1	0.50	µg/L	10.0		101		70-130				
Dibromomethane	10.2	1.0	µg/L	10.0		102		70-130				
1,2-Dichlorobenzene	10.1	1.0	µg/L	10.0		101		70-130				
1,3-Dichlorobenzene	10.5	1.0	µg/L	10.0		105		70-130				
1,4-Dichlorobenzene	10.3	1.0	µg/L	10.0		103		70-130				
trans-1,4-Dichloro-2-butene	9.68	2.0	µg/L	10.0		96.8		70-130				
Dichlorodifluoromethane (Freon 12)	8.97	2.0	µg/L	10.0		89.7		40-160				†
1,1-Dichloroethane	9.95	1.0	µg/L	10.0		99.5		70-130				
1,2-Dichloroethane	10.4	1.0	µg/L	10.0		104		70-130				
1,1-Dichloroethylene	10.4	1.0	µg/L	10.0		104		70-130				
cis-1,2-Dichloroethylene	10.6	1.0	µg/L	10.0		106		70-130				
trans-1,2-Dichloroethylene	9.43	1.0	µg/L	10.0		94.3		70-130				
1,2-Dichloropropane	9.87	1.0	µg/L	10.0		98.7		70-130				
1,3-Dichloropropane	10.3	0.50	µg/L	10.0		103		70-130				
2,2-Dichloropropane	10.5	1.0	µg/L	10.0		105		40-130				†
1,1-Dichloropropene	9.63	2.0	µg/L	10.0		96.3		70-130				
cis-1,3-Dichloropropene	9.89	0.50	µg/L	10.0		98.9		70-130				
trans-1,3-Dichloropropene	9.95	0.50	µg/L	10.0		99.5		70-130				
Hexachlorobutadiene	8.50	1.0	µg/L	10.0		85.0		70-130				
Methylene Chloride	10.9	5.0	µg/L	10.0		109		70-130				
1,1,1,2-Tetrachloroethane	10.3	1.0	µg/L	10.0		103		70-130				
1,1,2,2-Tetrachloroethane	10.8	0.50	µg/L	10.0		108		70-130				
Tetrachloroethylene	9.97	1.0	µg/L	10.0		99.7		70-130				
1,2,3-Trichlorobenzene	5.88	5.0	µg/L	10.0		**58.8**	*	70-130			V-05, L-04	
1,2,4-Trichlorobenzene	6.36	1.0	µg/L	10.0		**63.6**	*	70-130			V-05, L-04	
1,3,5-Trichlorobenzene	7.87	1.0	µg/L	10.0		78.7		70-130			V-05	
1,1,1-Trichloroethane	10.4	1.0	µg/L	10.0		104		70-130				
1,1,2-Trichloroethane	10.7	1.0	µg/L	10.0		107		70-130				
Trichloroethylene	10.3	1.0	µg/L	10.0		103		70-130				
Trichlorofluoromethane (Freon 11)	9.64	2.0	µg/L	10.0		96.4		70-130				
1,2,3-Trichloropropane	9.00	2.0	µg/L	10.0		90.0		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4	1.0	µg/L	10.0		114		70-130				
Vinyl Chloride	8.68	2.0	µg/L	10.0		86.8		40-160				†
Surrogate: 1,2-Dichloroethane-d4	*26.7*		µg/L	25.0		107		70-130				
Surrogate: Toluene-d8	*25.4*		µg/L	25.0		102		70-130				
Surrogate: 4-Bromofluorobenzene	*23.5*		µg/L	25.0		94.0		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B252470 - SW-846 5030B												
LCS Dup (B252470-BSD1)				Prepared & Analyzed: 02/18/20								
Bromobenzene	9.06	1.0	µg/L	10.0		90.6		70-130	2.29	25		
Bromochloromethane	9.93	1.0	µg/L	10.0		99.3		70-130	9.22	25		
Bromodichloromethane	9.83	1.0	µg/L	10.0		98.3		70-130	7.54	25		
Bromoform	9.04	1.0	µg/L	10.0		90.4		70-130	0.331	25		
Bromomethane	9.33	2.0	µg/L	10.0		93.3		40-160	3.93	25	V-20	†
Carbon Tetrachloride	9.92	5.0	µg/L	10.0		99.2		70-130	7.29	25		
Chlorobenzene	9.92	1.0	µg/L	10.0		99.2		70-130	4.05	25		
Chlorodibromomethane	9.78	0.50	µg/L	10.0		97.8		70-130	5.08	25		
Chloroethane	9.77	2.0	µg/L	10.0		97.7		70-130	6.53	25		
Chloroform	10.1	2.0	µg/L	10.0		101		70-130	1.18	25		
Chloromethane	7.71	2.0	µg/L	10.0		77.1		40-160	1.80	25		†
2-Chlorotoluene	9.24	1.0	µg/L	10.0		92.4		70-130	6.39	25		
4-Chlorotoluene	9.40	1.0	µg/L	10.0		94.0		70-130	2.94	25		
1,2-Dibromo-3-chloropropane (DBCP)	8.62	5.0	µg/L	10.0		86.2		70-130	3.31	25		
1,2-Dibromoethane (EDB)	9.82	0.50	µg/L	10.0		98.2		70-130	2.71	25		
Dibromomethane	9.82	1.0	µg/L	10.0		98.2		70-130	3.30	25		
1,2-Dichlorobenzene	9.62	1.0	µg/L	10.0		96.2		70-130	5.16	25		
1,3-Dichlorobenzene	10.3	1.0	µg/L	10.0		103		70-130	2.21	25		
1,4-Dichlorobenzene	10.0	1.0	µg/L	10.0		100		70-130	2.07	25		
trans-1,4-Dichloro-2-butene	8.94	2.0	µg/L	10.0		89.4		70-130	7.95	25		
Dichlorodifluoromethane (Freon 12)	8.55	2.0	µg/L	10.0		85.5		40-160	4.79	25		†
1,1-Dichloroethane	9.68	1.0	µg/L	10.0		96.8		70-130	2.75	25		
1,2-Dichloroethane	10.2	1.0	µg/L	10.0		102		70-130	1.93	25		
1,1-Dichloroethylene	9.69	1.0	µg/L	10.0		96.9		70-130	6.97	25		
cis-1,2-Dichloroethylene	9.73	1.0	µg/L	10.0		97.3		70-130	8.56	25		
trans-1,2-Dichloroethylene	8.89	1.0	µg/L	10.0		88.9		70-130	5.90	25		
1,2-Dichloropropane	9.62	1.0	µg/L	10.0		96.2		70-130	2.57	25		
1,3-Dichloropropane	9.67	0.50	µg/L	10.0		96.7		70-130	5.92	25		
2,2-Dichloropropane	9.83	1.0	µg/L	10.0		98.3		40-130	6.78	25		†
1,1-Dichloropropene	9.40	2.0	µg/L	10.0		94.0		70-130	2.42	25		
cis-1,3-Dichloropropene	9.47	0.50	µg/L	10.0		94.7		70-130	4.34	25		
trans-1,3-Dichloropropene	9.30	0.50	µg/L	10.0		93.0		70-130	6.75	25		
Hexachlorobutadiene	8.26	1.0	µg/L	10.0		82.6		70-130	2.86	25		
Methylene Chloride	10.4	5.0	µg/L	10.0		104		70-130	4.03	25		
1,1,1,2-Tetrachloroethane	10.2	1.0	µg/L	10.0		102		70-130	0.880	25		
1,1,2,2-Tetrachloroethane	9.77	0.50	µg/L	10.0		97.7		70-130	9.74	25		
Tetrachloroethylene	9.45	1.0	µg/L	10.0		94.5		70-130	5.36	25		
1,2,3-Trichlorobenzene	5.47	5.0	µg/L	10.0		**54.7**	*	70-130	7.22	25	L-04, V-05	
1,2,4-Trichlorobenzene	5.89	1.0	µg/L	10.0		**58.9**	*	70-130	7.67	25	L-04, V-05	
1,3,5-Trichlorobenzene	7.07	1.0	µg/L	10.0		70.7		70-130	10.7	25	V-05	
1,1,1-Trichloroethane	10.1	1.0	µg/L	10.0		101		70-130	2.54	25		
1,1,2-Trichloroethane	10.0	1.0	µg/L	10.0		100		70-130	6.47	25		
Trichloroethylene	9.48	1.0	µg/L	10.0		94.8		70-130	8.10	25		
Trichlorofluoromethane (Freon 11)	9.45	2.0	µg/L	10.0		94.5		70-130	1.99	25		
1,2,3-Trichloropropane	9.26	2.0	µg/L	10.0		92.6		70-130	2.85	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8	1.0	µg/L	10.0		108		70-130	5.87	25		
Vinyl Chloride	8.21	2.0	µg/L	10.0		82.1		40-160	5.57	25		†
Surrogate: 1,2-Dichloroethane-d4	*26.4*		µg/L	25.0		106		70-130				
Surrogate: Toluene-d8	*25.2*		µg/L	25.0		101		70-130				
Surrogate: 4-Bromofluorobenzene	*23.3*		µg/L	25.0		93.2		70-130				

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
RL-11	Elevated reporting limit due to high concentration of target compounds.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C-D in Water	
Bromochloromethane	NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromoform	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
2-Chlorotoluene	NY,ME,VA
4-Chlorotoluene	NY,ME,VA
1,2-Dibromo-3-chloropropane (DBCP)	NY
1,2-Dibromoethane (EDB)	NY
Dibromomethane	NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
trans-1,4-Dichloro-2-butene	NH,NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,3-Dichloropropane	NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
Hexachlorobutadiene	CT,NH,NY,ME,VA
Methylene Chloride	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
Tetrachloroethylene	NY,ME,VA
1,2,3-Trichlorobenzene	NH,NY,ME,VA
1,2,4-Trichlorobenzene	CT,NH,NY,ME,VA
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY,VA
Vinyl Chloride	CT,NH,NY,ME,VA

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The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2022
MA	Massachusetts DEP	M-MA100	06/30/2020
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2021
NY	New York State Department of Health	10899 NELAP	04/1/2020
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2021
RI	Rhode Island Department of Health	LAO00112	12/30/2020
NC	North Carolina Div. of Water Quality	652	12/31/2020
NJ	New Jersey DEP	MA007 NELAP	06/30/2020
FL	Florida Department of Health	E871027 NELAP	06/30/2020
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2020
ME	State of Maine	2011028	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2020
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2020
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2020
NC-DW	North Carolina Department of Health	25703	07/31/2020
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2020

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CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 2_06262019

KKM 20B0715

Company Name: HRP Associates
Address: 197 Scott Swamp Road
Phone: Farmington, CT
Project Name: 2 Halsey Road
Project Location: Whitesboro, NY
Project Number: WH16522GW
Project Manager: Brian Lowry
Con-Test Quote Name/Number:
Invoice Recipient: HRP
Sampled By: CJL, DJA, AAL

Turnaround Time Requested (TAT)
7-Day ☐ 10-Day ☐
PFAS 10-Day (std) ☐ Due Date:

Rush Approval Required
1-Day ☐ 3-Day ☐
2-Day ☒ 4-Day ☐

Data Delivery
Format: PDF ☐ EXCEL ☐
Other:
CLP Like Data Pkg Required: ☐
Email To: brian.lowry@hrpassociates.com
Fax To #:

Additional Work Samples
○ Field Filtered
○ Lab to Filter

Additional PCB Samples
○ Field Filtered
○ Lab to Filter

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1]Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	8260 HVOCs
1	RW-1	2/13/20	12:43	G	GW		3					X
2	MW-2	"	13:42	"	"		3					X
3	MW-3		12:23				3					X
4	MW-4		11:36				3					X
5	MW-5		15:35				3					X
6	MW-6		16:51				3					X
7	MW-7B		15:19				3					X
8	MW-7C		15:57				3					X
9	MW-8	↓	13:35	↓	↓		3					X
10	MW-9	2/13/20	11:40	G	GW		3					X

Relinquished by: (signature) Date/Time: 2-17-20 / 1015
Received by: (signature) Date/Time: 2/17/2020 1015
Relinquished by: (signature) Date/Time: 2/17/2020 1545
Received by: (signature) Date/Time: 2-17-2020
Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:
Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:

Client Comments:

Detection Limit Requirements
MA
GW
Other NY GA

Special Requirements
☐ MA MCP Required
MCP Certification Form Required
☐ CT RCP Required
RCP Certification Form Required
☐ MA State DW Required
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ Z1 J ☐ School ☐
City ☐ Brownfield ☐ MBTA ☐

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

[2] Preservation Code

Courier Use Only
Total Number Of:
VIALS
GLASS
PLASTIC
BACTERIA
ENCORE

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N

*Contest is not responsible for missing samples from prepacked coolers

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Lab Comments:

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. Th Chain of Custody is a legal document that must be complete and accurate and is used to determine wh analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. C Test values your partnership on each project and will try to assist with missing information, but will not held accountable.

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(1) 53 V

con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 2_06262019

Page 2 of 2

KKM 20B0715

Company Name: HRP Associates
Address: 197 Scott Swamp Road
Phone: Farmington, CT
Project Name: 2 Halsey Road
Project Location: Whitesboro, NY
Project Number: WHI6522GW
Project Manager: Brian Lowry
Con-Test Quote Name/Number:
Invoice Recipient: HRP
Sampled By: CJL, DAA, AAL

Standard Turnaround Time:
7-Day ☐ 10-Day ☐
PFAS 10-Day (std) ☐ Due Date:

Rush-Approval Required:
1-Day ☐ 3-Day ☐
2-Day ☒ 4-Day ☐

Data Delivery:
Format: PDF ☐ EXCEL ☐
Other:
CLP Like Data Pkg Required: ☐
Email To: brian.lowry@hrpassociates.com
Fax To #:

Preserved Matrix Samples:
○ Field Filtered
○ Lab to Filter

Other Matrix Samples:
○ Field Filtered
○ Lab to Filter

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1]Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	HVOCs 8260
11	MW-10	2/13/20	14:38	G	GW		3					X
12	MW-12	"	15:48	G	GW		3					X
13	MW-13	"	16:50	G	GW		3					X
14	MW-14	"	12:54	G	GW		3					X
15	DUP	↓	17:25	G	GW		3					X
16	TB	2/8/20	6:00	G	GW		2					X
17	EB	2/14/20	12:15	G	GW		3					X
18	DUP-2	2/13/20	13:37	G	GW		3					X

Relinquished by: (signature) Date/Time:
Ali Wing 2/17/20 1015
Received by: (signature) Date/Time:
Tom Mace 2/17/2020 1015
Relinquished by: (signature) Date/Time:
Tom Mace 2/17/2020 1545
Received by: (signature) Date/Time:
2-17-2020 1545
Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:
Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:

Client Comments:

Detection Limit Requirements:
MA
GW-1
Other NY GA

Special Requirements:
☐ MA MCP Required
MCP Certification Form Required
☐ CT RCP Required
RCP Certification Form Required
☐ MA State DW Required
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ 21 J ☐ School ☐
City ☐ Brownfield ☐ MBTA ☐

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

[2] Preservation Code

Courier Use Only
Total Number Of:
VIALS
GLASS
PLASTIC
BACTERIA
ENCORE

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N
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S = Soil
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SOL = Solid
O = Other (please define)

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T = Sodium Thiosulfate
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Comments:

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I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client HRP

Received By LR Date 2-17-2020 Time 1545

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____

Direct from Sampling _____ Ambient _____ Melted Ice _____

Were samples within Temperature? 2-6°C T By Gun # 2 Actual Temp -2.4

By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? NA Were Samples Tampered with? NA

Was COC Relinquished ? T Does Chain Agree With Samples? T

Are there broken/leaking/loose caps on any samples? F

Is COC in ink/ Legible? T Were samples received within holding time? T

Did COC include all pertinent Information? Client T Analysis T Sampler Name T

Project T ID's T Collection Dates/Times T

Are Sample labels filled out and legible? T

Are there Lab to Filters? F Who was notified? _____

Are there Rushes? T Who was notified? NA

Are there Short Holds? F Who was notified? _____

Is there enough Volume? T

Is there Headspace where applicable? F MS/MSD? F

Proper Media/Containers Used? T Is splitting samples required? F

Were trip blanks received? T On COC? T

Do all samples have the proper pH? NA Acid _____ Base _____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-	53	500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

February 20, 2020

Brian Lowry
HRP Associates, Inc. (Private)
197 Scott Swamp Road
Farmington, CT 06032

Project Location: 2 Halsey Rd., Whitesboro, NY
Client Job Number:
Project Number: WHI6522.GW
Laboratory Work Order Number: 20B0716

Enclosed are results of analyses for samples received by the laboratory on February 17, 2020. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kerry K. McGee
Project Manager

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

HRP Associates, Inc. (Private)
197 Scott Swamp Road
Farmington, CT 06032
ATTN: Brian Lowry

REPORT DATE: 2/20/2020

PURCHASE ORDER NUMBER:

PROJECT NUMBER: WHI6522.GW

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 20B0716

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 2 Halsey Rd., Whitesboro, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
VP-1	20B0716-01	Soil Gas		EPA TO-15	
VP-2	20B0716-02	Soil Gas		EPA TO-15	
VP-3	20B0716-03	Soil Gas		EPA TO-15	
VP-4	20B0716-04	Soil Gas		EPA TO-15	
VP-5	20B0716-05	Soil Gas		EPA TO-15	
INT-1	20B0716-06	Soil Gas		EPA TO-15	
INT-2	20B0716-07	Soil Gas		EPA TO-15	
INT-3	20B0716-08	Soil Gas		EPA TO-15	
EXT-UP	20B0716-09	Soil Gas		EPA TO-15	
EXT-DOWN	20B0716-10	Soil Gas		EPA TO-15	

con-test® ANALYTICAL LABORATORY

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

CASE NARRATIVE SUMMARY

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

EPA TO-15

Qualifications:

E

Reported result is estimated. Value reported over verified calibration range.

Analyte & Samples(s) Qualified:

Ethanol
B252689-DUP1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

20B0716-02[VP-2], 20B0716-03[VP-3], 20B0716-04[VP-4], 20B0716-05[VP-5]

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



Lisa A. Worthington
Technical Representative

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: 2 Halsey Rd., Whitesboro, NY
Date Received: 2/17/2020
Field Sample #: VP-1
Sample ID: 20B0716-01
Sample Matrix: Soil Gas
Sampled: 2/13/2020 18:58

Sample Description/Location:
Sub Description/Location:
Canister ID: 2467
Canister Size: 6 liter
Flow Controller ID: 4609
Sample Type: 4 hr

Work Order: 20B0716
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -9
Receipt Vacuum(in Hg): -10.1
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

	ppbv			ug/m3			Date/Time	
Analyte	Results	RL	Flag/Qual	Results	RL	Dilution	Analyzed	Analyst
Acetone	740	600		1800	1400	300	2/20/20 9:06	BRF
Benzene	0.98	0.10		3.1	0.32	2	2/19/20 16:29	BRF
Benzyl chloride	ND	0.10		ND	0.52	2	2/19/20 16:29	BRF
Bromodichloromethane	ND	0.10		ND	0.67	2	2/19/20 16:29	BRF
Bromoform	ND	0.10		ND	1.0	2	2/19/20 16:29	BRF
Bromomethane	ND	0.20		ND	0.78	2	2/19/20 16:29	BRF
1,3-Butadiene	3.1	0.10		6.8	0.22	2	2/19/20 16:29	BRF
2-Butanone (MEK)	17	4.0		51	12	2	2/19/20 16:29	BRF
Carbon Disulfide	3.2	1.0		9.8	3.1	2	2/19/20 16:29	BRF
Carbon Tetrachloride	0.13	0.10		0.83	0.63	2	2/19/20 16:29	BRF
Chlorobenzene	ND	0.10		ND	0.46	2	2/19/20 16:29	BRF
Chloroethane	ND	0.10		ND	0.26	2	2/19/20 16:29	BRF
Chloroform	0.27	0.10		1.3	0.49	2	2/19/20 16:29	BRF
Chloromethane	ND	0.20		ND	0.41	2	2/19/20 16:29	BRF
Cyclohexane	2.4	0.10		8.3	0.34	2	2/19/20 16:29	BRF
Dibromochloromethane	ND	0.10		ND	0.85	2	2/19/20 16:29	BRF
1,2-Dibromoethane (EDB)	ND	0.10		ND	0.77	2	2/19/20 16:29	BRF
1,2-Dichlorobenzene	ND	0.10		ND	0.60	2	2/19/20 16:29	BRF
1,3-Dichlorobenzene	8.3	0.10		50	0.60	2	2/19/20 16:29	BRF
1,4-Dichlorobenzene	ND	0.10		ND	0.60	2	2/19/20 16:29	BRF
Dichlorodifluoromethane (Freon 12)	ND	0.10		ND	0.49	2	2/19/20 16:29	BRF
1,1-Dichloroethane	ND	0.10		ND	0.40	2	2/19/20 16:29	BRF
1,2-Dichloroethane	ND	0.10		ND	0.40	2	2/19/20 16:29	BRF
1,1-Dichloroethylene	ND	0.10		ND	0.40	2	2/19/20 16:29	BRF
cis-1,2-Dichloroethylene	0.25	0.10		1.00	0.40	2	2/19/20 16:29	BRF
trans-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	2/19/20 16:29	BRF
1,2-Dichloropropane	ND	0.10		ND	0.46	2	2/19/20 16:29	BRF
cis-1,3-Dichloropropene	ND	0.10		ND	0.45	2	2/19/20 16:29	BRF
trans-1,3-Dichloropropene	ND	0.10		ND	0.45	2	2/19/20 16:29	BRF
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.10		ND	0.70	2	2/19/20 16:29	BRF
1,4-Dioxane	ND	1.0		ND	3.6	2	2/19/20 16:29	BRF
Ethanol	14000	600		26000	1100	300	2/20/20 9:06	BRF
Ethyl Acetate	ND	0.10		ND	0.36	2	2/19/20 16:29	BRF
Ethylbenzene	1.1	0.10		4.6	0.43	2	2/19/20 16:29	BRF
4-Ethyltoluene	0.16	0.10		0.80	0.49	2	2/19/20 16:29	BRF
Heptane	0.55	0.10		2.2	0.41	2	2/19/20 16:29	BRF
Hexachlorobutadiene	ND	0.10		ND	1.1	2	2/19/20 16:29	BRF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: 2 Halsey Rd., Whitesboro, NY
Date Received: 2/17/2020
Field Sample #: VP-1
Sample ID: 20B0716-01
Sample Matrix: Soil Gas
Sampled: 2/13/2020 18:58

Sample Description/Location:
Sub Description/Location:
Canister ID: 2467
Canister Size: 6 liter
Flow Controller ID: 4609
Sample Type: 4 hr

Work Order: 20B0716
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -9
Receipt Vacuum(in Hg): -10.1
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Hexane	ND	4.0		ND	14	2	2/19/20 16:29	BRF
2-Hexanone (MBK)	ND	0.10		ND	0.41	2	2/19/20 16:29	BRF
Isopropanol	1100	600		2700	1500	300	2/20/20 9:06	BRF
Methyl tert-Butyl Ether (MTBE)	ND	0.10		ND	0.36	2	2/19/20 16:29	BRF
Methylene Chloride	ND	1.0		ND	3.5	2	2/19/20 16:29	BRF
4-Methyl-2-pentanone (MIBK)	0.73	0.10		3.0	0.41	2	2/19/20 16:29	BRF
Naphthalene	ND	0.10		ND	0.52	2	2/19/20 16:29	BRF
Propene	ND	4.0		ND	6.9	2	2/19/20 16:29	BRF
Styrene	ND	0.10		ND	0.43	2	2/19/20 16:29	BRF
1,1,2,2-Tetrachloroethane	ND	0.10		ND	0.69	2	2/19/20 16:29	BRF
Tetrachloroethylene	0.46	0.10		3.1	0.68	2	2/19/20 16:29	BRF
Tetrahydrofuran	1.7	0.10		4.9	0.29	2	2/19/20 16:29	BRF
Toluene	3.6	0.10		14	0.38	2	2/19/20 16:29	BRF
1,2,4-Trichlorobenzene	ND	0.10		ND	0.74	2	2/19/20 16:29	BRF
1,1,1-Trichloroethane	ND	0.10		ND	0.55	2	2/19/20 16:29	BRF
1,1,2-Trichloroethane	ND	0.10		ND	0.55	2	2/19/20 16:29	BRF
Trichloroethylene	0.15	0.10		0.80	0.54	2	2/19/20 16:29	BRF
Trichlorofluoromethane (Freon 11)	ND	0.40		ND	2.2	2	2/19/20 16:29	BRF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.66	0.40		5.0	3.1	2	2/19/20 16:29	BRF
1,2,4-Trimethylbenzene	ND	0.10		ND	0.49	2	2/19/20 16:29	BRF
1,3,5-Trimethylbenzene	0.14	0.10		0.68	0.49	2	2/19/20 16:29	BRF
Vinyl Acetate	ND	2.0		ND	7.0	2	2/19/20 16:29	BRF
Vinyl Chloride	ND	0.10		ND	0.26	2	2/19/20 16:29	BRF
m&p-Xylene	4.5	0.20		19	0.87	2	2/19/20 16:29	BRF
o-Xylene	1.2	0.10		5.1	0.43	2	2/19/20 16:29	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	95.0	70-130	2/20/20 9:06
4-Bromofluorobenzene (1)	93.8	70-130	2/19/20 16:29

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: 2 Halsey Rd., Whitesboro, NY
Date Received: 2/17/2020
Field Sample #: VP-2
Sample ID: 20B0716-02
Sample Matrix: Soil Gas
Sampled: 2/13/2020 19:00

Sample Description/Location:
Sub Description/Location:
Canister ID: 2488
Canister Size: 6 liter
Flow Controller ID: 4642
Sample Type: 4 hr

Work Order: 20B0716
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -8
Receipt Vacuum(in Hg): -9.4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

	ppbv			ug/m3			Date/Time	
Analyte	Results	RL	Flag/Qual	Results	RL	Dilution	Analyzed	Analyst
Acetone	5900	600		14000	1400	300	2/19/20 18:30	BRF
Benzene	ND	2.0		ND	6.4	40	2/19/20 17:47	BRF
Benzyl chloride	ND	2.0		ND	10	40	2/19/20 17:47	BRF
Bromodichloromethane	ND	2.0		ND	13	40	2/19/20 17:47	BRF
Bromoform	ND	2.0		ND	21	40	2/19/20 17:47	BRF
Bromomethane	ND	4.0		ND	16	40	2/19/20 17:47	BRF
1,3-Butadiene	ND	2.0		ND	4.4	40	2/19/20 17:47	BRF
2-Butanone (MEK)	ND	80		ND	240	40	2/19/20 17:47	BRF
Carbon Disulfide	ND	20		ND	62	40	2/19/20 17:47	BRF
Carbon Tetrachloride	ND	2.0		ND	13	40	2/19/20 17:47	BRF
Chlorobenzene	ND	2.0		ND	9.2	40	2/19/20 17:47	BRF
Chloroethane	ND	2.0		ND	5.3	40	2/19/20 17:47	BRF
Chloroform	ND	2.0		ND	9.8	40	2/19/20 17:47	BRF
Chloromethane	ND	4.0		ND	8.3	40	2/19/20 17:47	BRF
Cyclohexane	ND	2.0		ND	6.9	40	2/19/20 17:47	BRF
Dibromochloromethane	ND	2.0		ND	17	40	2/19/20 17:47	BRF
1,2-Dibromoethane (EDB)	ND	2.0		ND	15	40	2/19/20 17:47	BRF
1,2-Dichlorobenzene	ND	2.0		ND	12	40	2/19/20 17:47	BRF
1,3-Dichlorobenzene	5.4	2.0		32	12	40	2/19/20 17:47	BRF
1,4-Dichlorobenzene	ND	2.0		ND	12	40	2/19/20 17:47	BRF
Dichlorodifluoromethane (Freon 12)	ND	2.0		ND	9.9	40	2/19/20 17:47	BRF
1,1-Dichloroethane	ND	2.0		ND	8.1	40	2/19/20 17:47	BRF
1,2-Dichloroethane	ND	2.0		ND	8.1	40	2/19/20 17:47	BRF
1,1-Dichloroethylene	ND	2.0		ND	7.9	40	2/19/20 17:47	BRF
cis-1,2-Dichloroethylene	ND	2.0		ND	7.9	40	2/19/20 17:47	BRF
trans-1,2-Dichloroethylene	ND	2.0		ND	7.9	40	2/19/20 17:47	BRF
1,2-Dichloropropane	ND	2.0		ND	9.2	40	2/19/20 17:47	BRF
cis-1,3-Dichloropropene	ND	2.0		ND	9.1	40	2/19/20 17:47	BRF
trans-1,3-Dichloropropene	ND	2.0		ND	9.1	40	2/19/20 17:47	BRF
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	2.0		ND	14	40	2/19/20 17:47	BRF
1,4-Dioxane	ND	20		ND	72	40	2/19/20 17:47	BRF
Ethanol	11000	600		20000	1100	300	2/19/20 18:30	BRF
Ethyl Acetate	ND	2.0		ND	7.2	40	2/19/20 17:47	BRF
Ethylbenzene	ND	2.0		ND	8.7	40	2/19/20 17:47	BRF
4-Ethyltoluene	ND	2.0		ND	9.8	40	2/19/20 17:47	BRF
Heptane	ND	2.0		ND	8.2	40	2/19/20 17:47	BRF
Hexachlorobutadiene	ND	2.0		ND	21	40	2/19/20 17:47	BRF

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ANALYTICAL RESULTS

Project Location: 2 Halsey Rd., Whitesboro, NY
Date Received: 2/17/2020
Field Sample #: VP-2
Sample ID: 20B0716-02
Sample Matrix: Soil Gas
Sampled: 2/13/2020 19:00

Sample Description/Location:
Sub Description/Location:
Canister ID: 2488
Canister Size: 6 liter
Flow Controller ID: 4642
Sample Type: 4 hr

Work Order: 20B0716
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -8
Receipt Vacuum(in Hg): -9.4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Sample Flags: RL-11

Analyte	ppbv Results	ppbv RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Hexane	ND	80		ND	280	40	2/19/20 17:47	BRF
2-Hexanone (MBK)	ND	2.0		ND	8.2	40	2/19/20 17:47	BRF
Isopropanol	12000	600		30000	1500	300	2/19/20 18:30	BRF
Methyl tert-Butyl Ether (MTBE)	ND	2.0		ND	7.2	40	2/19/20 17:47	BRF
Methylene Chloride	ND	20		ND	69	40	2/19/20 17:47	BRF
4-Methyl-2-pentanone (MIBK)	ND	2.0		ND	8.2	40	2/19/20 17:47	BRF
Naphthalene	ND	2.0		ND	10	40	2/19/20 17:47	BRF
Propene	ND	80		ND	140	40	2/19/20 17:47	BRF
Styrene	ND	2.0		ND	8.5	40	2/19/20 17:47	BRF
1,1,2,2-Tetrachloroethane	ND	2.0		ND	14	40	2/19/20 17:47	BRF
Tetrachloroethylene	ND	2.0		ND	14	40	2/19/20 17:47	BRF
Tetrahydrofuran	ND	2.0		ND	5.9	40	2/19/20 17:47	BRF
Toluene	2.1	2.0		7.8	7.5	40	2/19/20 17:47	BRF
1,2,4-Trichlorobenzene	ND	2.0		ND	15	40	2/19/20 17:47	BRF
1,1,1-Trichloroethane	ND	2.0		ND	11	40	2/19/20 17:47	BRF
1,1,2-Trichloroethane	ND	2.0		ND	11	40	2/19/20 17:47	BRF
Trichloroethylene	ND	2.0		ND	11	40	2/19/20 17:47	BRF
Trichlorofluoromethane (Freon 11)	ND	8.0		ND	45	40	2/19/20 17:47	BRF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	8.0		ND	61	40	2/19/20 17:47	BRF
1,2,4-Trimethylbenzene	ND	2.0		ND	9.8	40	2/19/20 17:47	BRF
1,3,5-Trimethylbenzene	ND	2.0		ND	9.8	40	2/19/20 17:47	BRF
Vinyl Acetate	ND	40		ND	140	40	2/19/20 17:47	BRF
Vinyl Chloride	ND	2.0		ND	5.1	40	2/19/20 17:47	BRF
m&p-Xylene	ND	4.0		ND	17	40	2/19/20 17:47	BRF
o-Xylene	ND	2.0		ND	8.7	40	2/19/20 17:47	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	93.9	70-130	2/19/20 18:30
4-Bromofluorobenzene (1)	91.3	70-130	2/19/20 17:47

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ANALYTICAL RESULTS

Project Location: 2 Halsey Rd., Whitesboro, NY
Date Received: 2/17/2020
Field Sample #: VP-3
Sample ID: 20B0716-03
Sample Matrix: Soil Gas
Sampled: 2/13/2020 19:06

Sample Description/Location:
Sub Description/Location:
Canister ID: 2442
Canister Size: 6 liter
Flow Controller ID: 4618
Sample Type: 4 hr

Work Order: 20B0716
Initial Vacuum(in Hg): -27
Final Vacuum(in Hg): -6
Receipt Vacuum(in Hg): -9.2
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Sample Flags: RL-11

Analyte	ppbv Results	ppbv RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Acetone	300	40		720	95	20	2/19/20 19:09	BRF
Benzene	1.4	1.0		4.4	3.2	20	2/19/20 19:09	BRF
Benzyl chloride	ND	1.0		ND	5.2	20	2/19/20 19:09	BRF
Bromodichloromethane	ND	1.0		ND	6.7	20	2/19/20 19:09	BRF
Bromoform	ND	1.0		ND	10	20	2/19/20 19:09	BRF
Bromomethane	ND	2.0		ND	7.8	20	2/19/20 19:09	BRF
1,3-Butadiene	ND	1.0		ND	2.2	20	2/19/20 19:09	BRF
2-Butanone (MEK)	ND	40		ND	120	20	2/19/20 19:09	BRF
Carbon Disulfide	ND	10		ND	31	20	2/19/20 19:09	BRF
Carbon Tetrachloride	ND	1.0		ND	6.3	20	2/19/20 19:09	BRF
Chlorobenzene	ND	1.0		ND	4.6	20	2/19/20 19:09	BRF
Chloroethane	ND	1.0		ND	2.6	20	2/19/20 19:09	BRF
Chloroform	ND	1.0		ND	4.9	20	2/19/20 19:09	BRF
Chloromethane	ND	2.0		ND	4.1	20	2/19/20 19:09	BRF
Cyclohexane	ND	1.0		ND	3.4	20	2/19/20 19:09	BRF
Dibromochloromethane	ND	1.0		ND	8.5	20	2/19/20 19:09	BRF
1,2-Dibromoethane (EDB)	ND	1.0		ND	7.7	20	2/19/20 19:09	BRF
1,2-Dichlorobenzene	ND	1.0		ND	6.0	20	2/19/20 19:09	BRF
1,3-Dichlorobenzene	6.0	1.0		36	6.0	20	2/19/20 19:09	BRF
1,4-Dichlorobenzene	ND	1.0		ND	6.0	20	2/19/20 19:09	BRF
Dichlorodifluoromethane (Freon 12)	ND	1.0		ND	4.9	20	2/19/20 19:09	BRF
1,1-Dichloroethane	ND	1.0		ND	4.0	20	2/19/20 19:09	BRF
1,2-Dichloroethane	ND	1.0		ND	4.0	20	2/19/20 19:09	BRF
1,1-Dichloroethylene	ND	1.0		ND	4.0	20	2/19/20 19:09	BRF
cis-1,2-Dichloroethylene	ND	1.0		ND	4.0	20	2/19/20 19:09	BRF
trans-1,2-Dichloroethylene	ND	1.0		ND	4.0	20	2/19/20 19:09	BRF
1,2-Dichloropropane	ND	1.0		ND	4.6	20	2/19/20 19:09	BRF
cis-1,3-Dichloropropene	ND	1.0		ND	4.5	20	2/19/20 19:09	BRF
trans-1,3-Dichloropropene	ND	1.0		ND	4.5	20	2/19/20 19:09	BRF
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	1.0		ND	7.0	20	2/19/20 19:09	BRF
1,4-Dioxane	ND	10		ND	36	20	2/19/20 19:09	BRF
Ethanol	12000	600		23000	1100	300	2/19/20 19:52	BRF
Ethyl Acetate	ND	1.0		ND	3.6	20	2/19/20 19:09	BRF
Ethylbenzene	ND	1.0		ND	4.3	20	2/19/20 19:09	BRF
4-Ethyltoluene	ND	1.0		ND	4.9	20	2/19/20 19:09	BRF
Heptane	ND	1.0		ND	4.1	20	2/19/20 19:09	BRF
Hexachlorobutadiene	ND	1.0		ND	11	20	2/19/20 19:09	BRF

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ANALYTICAL RESULTS

Project Location: 2 Halsey Rd., Whitesboro, NY
Date Received: 2/17/2020
Field Sample #: VP-3
Sample ID: 20B0716-03
Sample Matrix: Soil Gas
Sampled: 2/13/2020 19:06

Sample Description/Location:
Sub Description/Location:
Canister ID: 2442
Canister Size: 6 liter
Flow Controller ID: 4618
Sample Type: 4 hr

Work Order: 20B0716
Initial Vacuum(in Hg): -27
Final Vacuum(in Hg): -6
Receipt Vacuum(in Hg): -9.2
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Sample Flags: RL-11

Analyte	ppbv Results	ppbv RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Hexane	ND	40		ND	140	20	2/19/20 19:09	BRF
2-Hexanone (MBK)	ND	1.0		ND	4.1	20	2/19/20 19:09	BRF
Isopropanol	720	40		1800	98	20	2/19/20 19:09	BRF
Methyl tert-Butyl Ether (MTBE)	ND	1.0		ND	3.6	20	2/19/20 19:09	BRF
Methylene Chloride	ND	10		ND	35	20	2/19/20 19:09	BRF
4-Methyl-2-pentanone (MIBK)	ND	1.0		ND	4.1	20	2/19/20 19:09	BRF
Naphthalene	ND	1.0		ND	5.2	20	2/19/20 19:09	BRF
Propene	64	40		110	69	20	2/19/20 19:09	BRF
Styrene	ND	1.0		ND	4.3	20	2/19/20 19:09	BRF
1,1,2,2-Tetrachloroethane	ND	1.0		ND	6.9	20	2/19/20 19:09	BRF
Tetrachloroethylene	ND	1.0		ND	6.8	20	2/19/20 19:09	BRF
Tetrahydrofuran	1.4	1.0		4.1	2.9	20	2/19/20 19:09	BRF
Toluene	2.5	1.0		9.5	3.8	20	2/19/20 19:09	BRF
1,2,4-Trichlorobenzene	ND	1.0		ND	7.4	20	2/19/20 19:09	BRF
1,1,1-Trichloroethane	3.7	1.0		20	5.5	20	2/19/20 19:09	BRF
1,1,2-Trichloroethane	ND	1.0		ND	5.5	20	2/19/20 19:09	BRF
Trichloroethylene	ND	1.0		ND	5.4	20	2/19/20 19:09	BRF
Trichlorofluoromethane (Freon 11)	ND	4.0		ND	22	20	2/19/20 19:09	BRF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	4.0		ND	31	20	2/19/20 19:09	BRF
1,2,4-Trimethylbenzene	ND	1.0		ND	4.9	20	2/19/20 19:09	BRF
1,3,5-Trimethylbenzene	ND	1.0		ND	4.9	20	2/19/20 19:09	BRF
Vinyl Acetate	ND	20		ND	70	20	2/19/20 19:09	BRF
Vinyl Chloride	ND	1.0		ND	2.6	20	2/19/20 19:09	BRF
m&p-Xylene	ND	2.0		ND	8.7	20	2/19/20 19:09	BRF
o-Xylene	ND	1.0		ND	4.3	20	2/19/20 19:09	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	93.7	70-130	2/19/20 19:52
4-Bromofluorobenzene (1)	91.6	70-130	2/19/20 19:09

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ANALYTICAL RESULTS

Project Location: 2 Halsey Rd., Whitesboro, NY
Date Received: 2/17/2020
Field Sample #: VP-4
Sample ID: 20B0716-04
Sample Matrix: Soil Gas
Sampled: 2/13/2020 19:09

Sample Description/Location:
Sub Description/Location:
Canister ID: 2459
Canister Size: 6 liter
Flow Controller ID: 4632
Sample Type: 4 hr

Work Order: 20B0716
Initial Vacuum(in Hg): -27
Final Vacuum(in Hg): -6
Receipt Vacuum(in Hg): -8.5
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Sample Flags: RL-11

Analyte	ppbv Results	ppbv RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Acetone	130	40		320	95	20	2/19/20 20:30	BRF
Benzene	ND	1.0		ND	3.2	20	2/19/20 20:30	BRF
Benzyl chloride	ND	1.0		ND	5.2	20	2/19/20 20:30	BRF
Bromodichloromethane	ND	1.0		ND	6.7	20	2/19/20 20:30	BRF
Bromoform	ND	1.0		ND	10	20	2/19/20 20:30	BRF
Bromomethane	ND	2.0		ND	7.8	20	2/19/20 20:30	BRF
1,3-Butadiene	ND	1.0		ND	2.2	20	2/19/20 20:30	BRF
2-Butanone (MEK)	ND	40		ND	120	20	2/19/20 20:30	BRF
Carbon Disulfide	ND	10		ND	31	20	2/19/20 20:30	BRF
Carbon Tetrachloride	ND	1.0		ND	6.3	20	2/19/20 20:30	BRF
Chlorobenzene	ND	1.0		ND	4.6	20	2/19/20 20:30	BRF
Chloroethane	ND	1.0		ND	2.6	20	2/19/20 20:30	BRF
Chloroform	ND	1.0		ND	4.9	20	2/19/20 20:30	BRF
Chloromethane	ND	2.0		ND	4.1	20	2/19/20 20:30	BRF
Cyclohexane	ND	1.0		ND	3.4	20	2/19/20 20:30	BRF
Dibromochloromethane	ND	1.0		ND	8.5	20	2/19/20 20:30	BRF
1,2-Dibromoethane (EDB)	ND	1.0		ND	7.7	20	2/19/20 20:30	BRF
1,2-Dichlorobenzene	ND	1.0		ND	6.0	20	2/19/20 20:30	BRF
1,3-Dichlorobenzene	3.3	1.0		20	6.0	20	2/19/20 20:30	BRF
1,4-Dichlorobenzene	ND	1.0		ND	6.0	20	2/19/20 20:30	BRF
Dichlorodifluoromethane (Freon 12)	ND	1.0		ND	4.9	20	2/19/20 20:30	BRF
1,1-Dichloroethane	ND	1.0		ND	4.0	20	2/19/20 20:30	BRF
1,2-Dichloroethane	ND	1.0		ND	4.0	20	2/19/20 20:30	BRF
1,1-Dichloroethylene	ND	1.0		ND	4.0	20	2/19/20 20:30	BRF
cis-1,2-Dichloroethylene	ND	1.0		ND	4.0	20	2/19/20 20:30	BRF
trans-1,2-Dichloroethylene	ND	1.0		ND	4.0	20	2/19/20 20:30	BRF
1,2-Dichloropropane	ND	1.0		ND	4.6	20	2/19/20 20:30	BRF
cis-1,3-Dichloropropene	ND	1.0		ND	4.5	20	2/19/20 20:30	BRF
trans-1,3-Dichloropropene	ND	1.0		ND	4.5	20	2/19/20 20:30	BRF
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	1.0		ND	7.0	20	2/19/20 20:30	BRF
1,4-Dioxane	ND	10		ND	36	20	2/19/20 20:30	BRF
Ethanol	7300	600		14000	1100	300	2/19/20 21:13	BRF
Ethyl Acetate	ND	1.0		ND	3.6	20	2/19/20 20:30	BRF
Ethylbenzene	ND	1.0		ND	4.3	20	2/19/20 20:30	BRF
4-Ethyltoluene	ND	1.0		ND	4.9	20	2/19/20 20:30	BRF
Heptane	ND	1.0		ND	4.1	20	2/19/20 20:30	BRF
Hexachlorobutadiene	ND	1.0		ND	11	20	2/19/20 20:30	BRF

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ANALYTICAL RESULTS

Project Location: 2 Halsey Rd., Whitesboro, NY
Date Received: 2/17/2020
Field Sample #: VP-4
Sample ID: 20B0716-04
Sample Matrix: Soil Gas
Sampled: 2/13/2020 19:09

Sample Description/Location:
Sub Description/Location:
Canister ID: 2459
Canister Size: 6 liter
Flow Controller ID: 4632
Sample Type: 4 hr

Work Order: 20B0716
Initial Vacuum(in Hg): -27
Final Vacuum(in Hg): -6
Receipt Vacuum(in Hg): -8.5
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Sample Flags: RL-11

Analyte	ppbv Results	ppbv RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Hexane	ND	40		ND	140	20	2/19/20 20:30	BRF
2-Hexanone (MBK)	ND	1.0		ND	4.1	20	2/19/20 20:30	BRF
Isopropanol	380	40		940	98	20	2/19/20 20:30	BRF
Methyl tert-Butyl Ether (MTBE)	ND	1.0		ND	3.6	20	2/19/20 20:30	BRF
Methylene Chloride	ND	10		ND	35	20	2/19/20 20:30	BRF
4-Methyl-2-pentanone (MIBK)	ND	1.0		ND	4.1	20	2/19/20 20:30	BRF
Naphthalene	ND	1.0		ND	5.2	20	2/19/20 20:30	BRF
Propene	ND	40		ND	69	20	2/19/20 20:30	BRF
Styrene	ND	1.0		ND	4.3	20	2/19/20 20:30	BRF
1,1,2,2-Tetrachloroethane	ND	1.0		ND	6.9	20	2/19/20 20:30	BRF
Tetrachloroethylene	ND	1.0		ND	6.8	20	2/19/20 20:30	BRF
Tetrahydrofuran	ND	1.0		ND	2.9	20	2/19/20 20:30	BRF
Toluene	2.5	1.0		9.4	3.8	20	2/19/20 20:30	BRF
1,2,4-Trichlorobenzene	ND	1.0		ND	7.4	20	2/19/20 20:30	BRF
1,1,1-Trichloroethane	ND	1.0		ND	5.5	20	2/19/20 20:30	BRF
1,1,2-Trichloroethane	ND	1.0		ND	5.5	20	2/19/20 20:30	BRF
Trichloroethylene	ND	1.0		ND	5.4	20	2/19/20 20:30	BRF
Trichlorofluoromethane (Freon 11)	ND	4.0		ND	22	20	2/19/20 20:30	BRF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11	4.0		86	31	20	2/19/20 20:30	BRF
1,2,4-Trimethylbenzene	ND	1.0		ND	4.9	20	2/19/20 20:30	BRF
1,3,5-Trimethylbenzene	ND	1.0		ND	4.9	20	2/19/20 20:30	BRF
Vinyl Acetate	ND	20		ND	70	20	2/19/20 20:30	BRF
Vinyl Chloride	ND	1.0		ND	2.6	20	2/19/20 20:30	BRF
m&p-Xylene	ND	2.0		ND	8.7	20	2/19/20 20:30	BRF
o-Xylene	ND	1.0		ND	4.3	20	2/19/20 20:30	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	94.2	70-130	2/19/20 21:13
4-Bromofluorobenzene (1)	92.5	70-130	2/19/20 20:30

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ANALYTICAL RESULTS

Project Location: 2 Halsey Rd., Whitesboro, NY
Date Received: 2/17/2020
Field Sample #: VP-5
Sample ID: 20B0716-05
Sample Matrix: Soil Gas
Sampled: 2/13/2020 19:12

Sample Description/Location:
Sub Description/Location:
Canister ID: 2477
Canister Size: 6 liter
Flow Controller ID: 4612
Sample Type: 4 hr

Work Order: 20B0716
Initial Vacuum(in Hg): -28
Final Vacuum(in Hg): -6
Receipt Vacuum(in Hg): -7.9
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Sample Flags: RL-11

Analyte	ppbv Results	ppbv RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Acetone	230	80		560	190	40	2/19/20 21:52	BRF
Benzene	ND	2.0		ND	6.4	40	2/19/20 21:52	BRF
Benzyl chloride	ND	2.0		ND	10	40	2/19/20 21:52	BRF
Bromodichloromethane	ND	2.0		ND	13	40	2/19/20 21:52	BRF
Bromoform	ND	2.0		ND	21	40	2/19/20 21:52	BRF
Bromomethane	ND	4.0		ND	16	40	2/19/20 21:52	BRF
1,3-Butadiene	ND	2.0		ND	4.4	40	2/19/20 21:52	BRF
2-Butanone (MEK)	ND	80		ND	240	40	2/19/20 21:52	BRF
Carbon Disulfide	ND	20		ND	62	40	2/19/20 21:52	BRF
Carbon Tetrachloride	ND	2.0		ND	13	40	2/19/20 21:52	BRF
Chlorobenzene	ND	2.0		ND	9.2	40	2/19/20 21:52	BRF
Chloroethane	ND	2.0		ND	5.3	40	2/19/20 21:52	BRF
Chloroform	36	2.0		170	9.8	40	2/19/20 21:52	BRF
Chloromethane	ND	4.0		ND	8.3	40	2/19/20 21:52	BRF
Cyclohexane	ND	2.0		ND	6.9	40	2/19/20 21:52	BRF
Dibromochloromethane	ND	2.0		ND	17	40	2/19/20 21:52	BRF
1,2-Dibromoethane (EDB)	ND	2.0		ND	15	40	2/19/20 21:52	BRF
1,2-Dichlorobenzene	ND	2.0		ND	12	40	2/19/20 21:52	BRF
1,3-Dichlorobenzene	5.0	2.0		30	12	40	2/19/20 21:52	BRF
1,4-Dichlorobenzene	ND	2.0		ND	12	40	2/19/20 21:52	BRF
Dichlorodifluoromethane (Freon 12)	ND	2.0		ND	9.9	40	2/19/20 21:52	BRF
1,1-Dichloroethane	ND	2.0		ND	8.1	40	2/19/20 21:52	BRF
1,2-Dichloroethane	ND	2.0		ND	8.1	40	2/19/20 21:52	BRF
1,1-Dichloroethylene	ND	2.0		ND	7.9	40	2/19/20 21:52	BRF
cis-1,2-Dichloroethylene	9.2	2.0		36	7.9	40	2/19/20 21:52	BRF
trans-1,2-Dichloroethylene	ND	2.0		ND	7.9	40	2/19/20 21:52	BRF
1,2-Dichloropropane	ND	2.0		ND	9.2	40	2/19/20 21:52	BRF
cis-1,3-Dichloropropene	ND	2.0		ND	9.1	40	2/19/20 21:52	BRF
trans-1,3-Dichloropropene	ND	2.0		ND	9.1	40	2/19/20 21:52	BRF
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	2.0		ND	14	40	2/19/20 21:52	BRF
1,4-Dioxane	ND	20		ND	72	40	2/19/20 21:52	BRF
Ethanol	11000	1200		21000	2300	600	2/19/20 22:32	BRF
Ethyl Acetate	ND	2.0		ND	7.2	40	2/19/20 21:52	BRF
Ethylbenzene	ND	2.0		ND	8.7	40	2/19/20 21:52	BRF
4-Ethyltoluene	ND	2.0		ND	9.8	40	2/19/20 21:52	BRF
Heptane	ND	2.0		ND	8.2	40	2/19/20 21:52	BRF
Hexachlorobutadiene	ND	2.0		ND	21	40	2/19/20 21:52	BRF

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ANALYTICAL RESULTS

Project Location: 2 Halsey Rd., Whitesboro, NY
Date Received: 2/17/2020
Field Sample #: VP-5
Sample ID: 20B0716-05
Sample Matrix: Soil Gas
Sampled: 2/13/2020 19:12

Sample Description/Location:
Sub Description/Location:
Canister ID: 2477
Canister Size: 6 liter
Flow Controller ID: 4612
Sample Type: 4 hr

Work Order: 20B0716
Initial Vacuum(in Hg): -28
Final Vacuum(in Hg): -6
Receipt Vacuum(in Hg): -7.9
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Sample Flags: RL-11

Analyte	ppbv Results	ppbv RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Hexane	ND	80		ND	280	40	2/19/20 21:52	BRF
2-Hexanone (MBK)	ND	2.0		ND	8.2	40	2/19/20 21:52	BRF
Isopropanol	640	80		1600	200	40	2/19/20 21:52	BRF
Methyl tert-Butyl Ether (MTBE)	ND	2.0		ND	7.2	40	2/19/20 21:52	BRF
Methylene Chloride	ND	20		ND	69	40	2/19/20 21:52	BRF
4-Methyl-2-pentanone (MIBK)	ND	2.0		ND	8.2	40	2/19/20 21:52	BRF
Naphthalene	ND	2.0		ND	10	40	2/19/20 21:52	BRF
Propene	ND	80		ND	140	40	2/19/20 21:52	BRF
Styrene	ND	2.0		ND	8.5	40	2/19/20 21:52	BRF
1,1,2,2-Tetrachloroethane	ND	2.0		ND	14	40	2/19/20 21:52	BRF
Tetrachloroethylene	ND	2.0		ND	14	40	2/19/20 21:52	BRF
Tetrahydrofuran	ND	2.0		ND	5.9	40	2/19/20 21:52	BRF
Toluene	2.0	2.0		7.5	7.5	40	2/19/20 21:52	BRF
1,2,4-Trichlorobenzene	ND	2.0		ND	15	40	2/19/20 21:52	BRF
1,1,1-Trichloroethane	ND	2.0		ND	11	40	2/19/20 21:52	BRF
1,1,2-Trichloroethane	ND	2.0		ND	11	40	2/19/20 21:52	BRF
Trichloroethylene	27	2.0		140	11	40	2/19/20 21:52	BRF
Trichlorofluoromethane (Freon 11)	ND	8.0		ND	45	40	2/19/20 21:52	BRF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7300	120		56000	920	600	2/19/20 22:32	BRF
1,2,4-Trimethylbenzene	ND	2.0		ND	9.8	40	2/19/20 21:52	BRF
1,3,5-Trimethylbenzene	ND	2.0		ND	9.8	40	2/19/20 21:52	BRF
Vinyl Acetate	ND	40		ND	140	40	2/19/20 21:52	BRF
Vinyl Chloride	ND	2.0		ND	5.1	40	2/19/20 21:52	BRF
m&p-Xylene	ND	4.0		ND	17	40	2/19/20 21:52	BRF
o-Xylene	ND	2.0		ND	8.7	40	2/19/20 21:52	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	94.7	70-130	2/19/20 22:32
4-Bromofluorobenzene (1)	93.0	70-130	2/19/20 21:52

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ANALYTICAL RESULTS

Project Location: 2 Halsey Rd., Whitesboro, NY
Date Received: 2/17/2020
Field Sample #: INT-1
Sample ID: 20B0716-06
Sample Matrix: Soil Gas
Sampled: 2/13/2020 19:17

Sample Description/Location:
Sub Description/Location:
Canister ID: 2450
Canister Size: 6 liter
Flow Controller ID: 4648
Sample Type: 4 hr

Work Order: 20B0716
Initial Vacuum(in Hg): -28
Final Vacuum(in Hg): -7
Receipt Vacuum(in Hg): -7.6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

	ppbv			ug/m3			Date/Time	
Analyte	Results	RL	Flag/Qual	Results	RL	Dilution	Analyzed	Analyst
Acetone	18	4.0		43	9.5	2	2/19/20 23:14	BRF
Benzene	0.35	0.10		1.1	0.32	2	2/19/20 23:14	BRF
Benzyl chloride	ND	0.10		ND	0.52	2	2/19/20 23:14	BRF
Bromodichloromethane	ND	0.10		ND	0.67	2	2/19/20 23:14	BRF
Bromoform	ND	0.10		ND	1.0	2	2/19/20 23:14	BRF
Bromomethane	ND	0.20		ND	0.78	2	2/19/20 23:14	BRF
1,3-Butadiene	ND	0.10		ND	0.22	2	2/19/20 23:14	BRF
2-Butanone (MEK)	25	4.0		75	12	2	2/19/20 23:14	BRF
Carbon Disulfide	ND	1.0		ND	3.1	2	2/19/20 23:14	BRF
Carbon Tetrachloride	ND	0.10		ND	0.63	2	2/19/20 23:14	BRF
Chlorobenzene	ND	0.10		ND	0.46	2	2/19/20 23:14	BRF
Chloroethane	ND	0.10		ND	0.26	2	2/19/20 23:14	BRF
Chloroform	ND	0.10		ND	0.49	2	2/19/20 23:14	BRF
Chloromethane	0.53	0.20		1.1	0.41	2	2/19/20 23:14	BRF
Cyclohexane	ND	0.10		ND	0.34	2	2/19/20 23:14	BRF
Dibromochloromethane	ND	0.10		ND	0.85	2	2/19/20 23:14	BRF
1,2-Dibromoethane (EDB)	ND	0.10		ND	0.77	2	2/19/20 23:14	BRF
1,2-Dichlorobenzene	ND	0.10		ND	0.60	2	2/19/20 23:14	BRF
1,3-Dichlorobenzene	ND	0.10		ND	0.60	2	2/19/20 23:14	BRF
1,4-Dichlorobenzene	ND	0.10		ND	0.60	2	2/19/20 23:14	BRF
Dichlorodifluoromethane (Freon 12)	0.35	0.10		1.7	0.49	2	2/19/20 23:14	BRF
1,1-Dichloroethane	ND	0.10		ND	0.40	2	2/19/20 23:14	BRF
1,2-Dichloroethane	ND	0.10		ND	0.40	2	2/19/20 23:14	BRF
1,1-Dichloroethylene	ND	0.10		ND	0.40	2	2/19/20 23:14	BRF
cis-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	2/19/20 23:14	BRF
trans-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	2/19/20 23:14	BRF
1,2-Dichloropropane	ND	0.10		ND	0.46	2	2/19/20 23:14	BRF
cis-1,3-Dichloropropene	ND	0.10		ND	0.45	2	2/19/20 23:14	BRF
trans-1,3-Dichloropropene	ND	0.10		ND	0.45	2	2/19/20 23:14	BRF
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.10		ND	0.70	2	2/19/20 23:14	BRF
1,4-Dioxane	ND	1.0		ND	3.6	2	2/19/20 23:14	BRF
Ethanol	22	4.0		41	7.5	2	2/19/20 23:14	BRF
Ethyl Acetate	ND	0.10		ND	0.36	2	2/19/20 23:14	BRF
Ethylbenzene	3.9	0.10		17	0.43	2	2/19/20 23:14	BRF
4-Ethyltoluene	ND	0.10		ND	0.49	2	2/19/20 23:14	BRF
Heptane	ND	0.10		ND	0.41	2	2/19/20 23:14	BRF
Hexachlorobutadiene	ND	0.10		ND	1.1	2	2/19/20 23:14	BRF

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ANALYTICAL RESULTS

Project Location: 2 Halsey Rd., Whitesboro, NY
Date Received: 2/17/2020
Field Sample #: INT-1
Sample ID: 20B0716-06
Sample Matrix: Soil Gas
Sampled: 2/13/2020 19:17

Sample Description/Location:
Sub Description/Location:
Canister ID: 2450
Canister Size: 6 liter
Flow Controller ID: 4648
Sample Type: 4 hr

Work Order: 20B0716
Initial Vacuum(in Hg): -28
Final Vacuum(in Hg): -7
Receipt Vacuum(in Hg): -7.6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Hexane	ND	4.0		ND	14	2	2/19/20 23:14	BRF
2-Hexanone (MBK)	ND	0.10		ND	0.41	2	2/19/20 23:14	BRF
Isopropanol	520	80		1300	200	40	2/19/20 23:53	BRF
Methyl tert-Butyl Ether (MTBE)	ND	0.10		ND	0.36	2	2/19/20 23:14	BRF
Methylene Chloride	3.8	1.0		13	3.5	2	2/19/20 23:14	BRF
4-Methyl-2-pentanone (MIBK)	ND	0.10		ND	0.41	2	2/19/20 23:14	BRF
Naphthalene	0.13	0.10		0.66	0.52	2	2/19/20 23:14	BRF
Propene	ND	4.0		ND	6.9	2	2/19/20 23:14	BRF
Styrene	ND	0.10		ND	0.43	2	2/19/20 23:14	BRF
1,1,2,2-Tetrachloroethane	ND	0.10		ND	0.69	2	2/19/20 23:14	BRF
Tetrachloroethylene	ND	0.10		ND	0.68	2	2/19/20 23:14	BRF
Tetrahydrofuran	ND	0.10		ND	0.29	2	2/19/20 23:14	BRF
Toluene	0.73	0.10		2.7	0.38	2	2/19/20 23:14	BRF
1,2,4-Trichlorobenzene	ND	0.10		ND	0.74	2	2/19/20 23:14	BRF
1,1,1-Trichloroethane	ND	0.10		ND	0.55	2	2/19/20 23:14	BRF
1,1,2-Trichloroethane	ND	0.10		ND	0.55	2	2/19/20 23:14	BRF
Trichloroethylene	ND	0.10		ND	0.54	2	2/19/20 23:14	BRF
Trichlorofluoromethane (Freon 11)	ND	0.40		ND	2.2	2	2/19/20 23:14	BRF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.40		ND	3.1	2	2/19/20 23:14	BRF
1,2,4-Trimethylbenzene	0.52	0.10		2.6	0.49	2	2/19/20 23:14	BRF
1,3,5-Trimethylbenzene	0.12	0.10		0.60	0.49	2	2/19/20 23:14	BRF
Vinyl Acetate	ND	2.0		ND	7.0	2	2/19/20 23:14	BRF
Vinyl Chloride	ND	0.10		ND	0.26	2	2/19/20 23:14	BRF
m&p-Xylene	17	0.20		73	0.87	2	2/19/20 23:14	BRF
o-Xylene	4.6	0.10		20	0.43	2	2/19/20 23:14	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	92.8	70-130	2/19/20 23:53
4-Bromofluorobenzene (1)	96.2	70-130	2/19/20 23:14

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ANALYTICAL RESULTS

Project Location: 2 Halsey Rd., Whitesboro, NY
Date Received: 2/17/2020
Field Sample #: INT-2
Sample ID: 20B0716-07
Sample Matrix: Soil Gas
Sampled: 2/13/2020 19:15

Sample Description/Location:
Sub Description/Location:
Canister ID: 2453
Canister Size: 6 liter
Flow Controller ID: 4647
Sample Type: 4 hr

Work Order: 20B0716
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -9
Receipt Vacuum(in Hg): -9.6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

	ppbv			ug/m3			Date/Time	
Analyte	Results	RL	Flag/Qual	Results	RL	Dilution	Analyzed	Analyst
Acetone	12	4.0		30	9.5	2	2/20/20 0:35	BRF
Benzene	1.0	0.10		3.3	0.32	2	2/20/20 0:35	BRF
Benzyl chloride	ND	0.10		ND	0.52	2	2/20/20 0:35	BRF
Bromodichloromethane	ND	0.10		ND	0.67	2	2/20/20 0:35	BRF
Bromoform	ND	0.10		ND	1.0	2	2/20/20 0:35	BRF
Bromomethane	ND	0.20		ND	0.78	2	2/20/20 0:35	BRF
1,3-Butadiene	ND	0.10		ND	0.22	2	2/20/20 0:35	BRF
2-Butanone (MEK)	110	8.0		330	24	4	2/20/20 9:46	BRF
Carbon Disulfide	ND	1.0		ND	3.1	2	2/20/20 0:35	BRF
Carbon Tetrachloride	ND	0.10		ND	0.63	2	2/20/20 0:35	BRF
Chlorobenzene	ND	0.10		ND	0.46	2	2/20/20 0:35	BRF
Chloroethane	ND	0.10		ND	0.26	2	2/20/20 0:35	BRF
Chloroform	ND	0.10		ND	0.49	2	2/20/20 0:35	BRF
Chloromethane	0.54	0.20		1.1	0.41	2	2/20/20 0:35	BRF
Cyclohexane	ND	0.10		ND	0.34	2	2/20/20 0:35	BRF
Dibromochloromethane	ND	0.10		ND	0.85	2	2/20/20 0:35	BRF
1,2-Dibromoethane (EDB)	ND	0.10		ND	0.77	2	2/20/20 0:35	BRF
1,2-Dichlorobenzene	ND	0.10		ND	0.60	2	2/20/20 0:35	BRF
1,3-Dichlorobenzene	ND	0.10		ND	0.60	2	2/20/20 0:35	BRF
1,4-Dichlorobenzene	ND	0.10		ND	0.60	2	2/20/20 0:35	BRF
Dichlorodifluoromethane (Freon 12)	0.34	0.10		1.7	0.49	2	2/20/20 0:35	BRF
1,1-Dichloroethane	ND	0.10		ND	0.40	2	2/20/20 0:35	BRF
1,2-Dichloroethane	ND	0.10		ND	0.40	2	2/20/20 0:35	BRF
1,1-Dichloroethylene	ND	0.10		ND	0.40	2	2/20/20 0:35	BRF
cis-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	2/20/20 0:35	BRF
trans-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	2/20/20 0:35	BRF
1,2-Dichloropropane	ND	0.10		ND	0.46	2	2/20/20 0:35	BRF
cis-1,3-Dichloropropene	ND	0.10		ND	0.45	2	2/20/20 0:35	BRF
trans-1,3-Dichloropropene	ND	0.10		ND	0.45	2	2/20/20 0:35	BRF
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.10		ND	0.70	2	2/20/20 0:35	BRF
1,4-Dioxane	ND	1.0		ND	3.6	2	2/20/20 0:35	BRF
Ethanol	73	4.0		140	7.5	2	2/20/20 0:35	BRF
Ethyl Acetate	ND	0.10		ND	0.36	2	2/20/20 0:35	BRF
Ethylbenzene	ND	0.10		ND	0.43	2	2/20/20 0:35	BRF
4-Ethyltoluene	ND	0.10		ND	0.49	2	2/20/20 0:35	BRF
Heptane	ND	0.10		ND	0.41	2	2/20/20 0:35	BRF
Hexachlorobutadiene	ND	0.10		ND	1.1	2	2/20/20 0:35	BRF

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ANALYTICAL RESULTS

Project Location: 2 Halsey Rd., Whitesboro, NY
Date Received: 2/17/2020
Field Sample #: INT-2
Sample ID: 20B0716-07
Sample Matrix: Soil Gas
Sampled: 2/13/2020 19:15

Sample Description/Location:
Sub Description/Location:
Canister ID: 2453
Canister Size: 6 liter
Flow Controller ID: 4647
Sample Type: 4 hr

Work Order: 20B0716
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -9
Receipt Vacuum(in Hg): -9.6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Hexane	ND	4.0		ND	14	2	2/20/20 0:35	BRF
2-Hexanone (MBK)	ND	0.10		ND	0.41	2	2/20/20 0:35	BRF
Isopropanol	60	4.0		150	9.8	2	2/20/20 0:35	BRF
Methyl tert-Butyl Ether (MTBE)	ND	0.10		ND	0.36	2	2/20/20 0:35	BRF
Methylene Chloride	ND	1.0		ND	3.5	2	2/20/20 0:35	BRF
4-Methyl-2-pentanone (MIBK)	0.28	0.10		1.1	0.41	2	2/20/20 0:35	BRF
Naphthalene	ND	0.10		ND	0.52	2	2/20/20 0:35	BRF
Propene	ND	4.0		ND	6.9	2	2/20/20 0:35	BRF
Styrene	ND	0.10		ND	0.43	2	2/20/20 0:35	BRF
1,1,2,2-Tetrachloroethane	ND	0.10		ND	0.69	2	2/20/20 0:35	BRF
Tetrachloroethylene	ND	0.10		ND	0.68	2	2/20/20 0:35	BRF
Tetrahydrofuran	ND	0.10		ND	0.29	2	2/20/20 0:35	BRF
Toluene	0.50	0.10		1.9	0.38	2	2/20/20 0:35	BRF
1,2,4-Trichlorobenzene	ND	0.10		ND	0.74	2	2/20/20 0:35	BRF
1,1,1-Trichloroethane	ND	0.10		ND	0.55	2	2/20/20 0:35	BRF
1,1,2-Trichloroethane	ND	0.10		ND	0.55	2	2/20/20 0:35	BRF
Trichloroethylene	ND	0.10		ND	0.54	2	2/20/20 0:35	BRF
Trichlorofluoromethane (Freon 11)	ND	0.40		ND	2.2	2	2/20/20 0:35	BRF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.40		ND	3.1	2	2/20/20 0:35	BRF
1,2,4-Trimethylbenzene	ND	0.10		ND	0.49	2	2/20/20 0:35	BRF
1,3,5-Trimethylbenzene	ND	0.10		ND	0.49	2	2/20/20 0:35	BRF
Vinyl Acetate	ND	2.0		ND	7.0	2	2/20/20 0:35	BRF
Vinyl Chloride	ND	0.10		ND	0.26	2	2/20/20 0:35	BRF
m&p-Xylene	ND	0.20		ND	0.87	2	2/20/20 0:35	BRF
o-Xylene	ND	0.10		ND	0.43	2	2/20/20 0:35	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	94.6	70-130	2/20/20 9:46
4-Bromofluorobenzene (1)	94.3	70-130	2/20/20 0:35

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ANALYTICAL RESULTS

Project Location: 2 Halsey Rd., Whitesboro, NY
Date Received: 2/17/2020
Field Sample #: INT-3
Sample ID: 20B0716-08
Sample Matrix: Soil Gas
Sampled: 2/13/2020 19:14

Sample Description/Location:
Sub Description/Location:
Canister ID: 2461
Canister Size: 6 liter
Flow Controller ID: 4615
Sample Type: 4 hr

Work Order: 20B0716
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -9
Receipt Vacuum(in Hg): -9.8
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

	ppbv			ug/m3			Date/Time	
Analyte	Results	RL	Flag/Qual	Results	RL	Dilution	Analyzed	Analyst
Acetone	ND	4.0		ND	9.5	2	2/20/20 1:17	BRF
Benzene	0.13	0.10		0.41	0.32	2	2/20/20 1:17	BRF
Benzyl chloride	ND	0.10		ND	0.52	2	2/20/20 1:17	BRF
Bromodichloromethane	ND	0.10		ND	0.67	2	2/20/20 1:17	BRF
Bromoform	ND	0.10		ND	1.0	2	2/20/20 1:17	BRF
Bromomethane	ND	0.20		ND	0.78	2	2/20/20 1:17	BRF
1,3-Butadiene	ND	0.10		ND	0.22	2	2/20/20 1:17	BRF
2-Butanone (MEK)	ND	4.0		ND	12	2	2/20/20 1:17	BRF
Carbon Disulfide	ND	1.0		ND	3.1	2	2/20/20 1:17	BRF
Carbon Tetrachloride	ND	0.10		ND	0.63	2	2/20/20 1:17	BRF
Chlorobenzene	ND	0.10		ND	0.46	2	2/20/20 1:17	BRF
Chloroethane	ND	0.10		ND	0.26	2	2/20/20 1:17	BRF
Chloroform	ND	0.10		ND	0.49	2	2/20/20 1:17	BRF
Chloromethane	0.55	0.20		1.1	0.41	2	2/20/20 1:17	BRF
Cyclohexane	ND	0.10		ND	0.34	2	2/20/20 1:17	BRF
Dibromochloromethane	ND	0.10		ND	0.85	2	2/20/20 1:17	BRF
1,2-Dibromoethane (EDB)	ND	0.10		ND	0.77	2	2/20/20 1:17	BRF
1,2-Dichlorobenzene	ND	0.10		ND	0.60	2	2/20/20 1:17	BRF
1,3-Dichlorobenzene	ND	0.10		ND	0.60	2	2/20/20 1:17	BRF
1,4-Dichlorobenzene	ND	0.10		ND	0.60	2	2/20/20 1:17	BRF
Dichlorodifluoromethane (Freon 12)	0.38	0.10		1.9	0.49	2	2/20/20 1:17	BRF
1,1-Dichloroethane	ND	0.10		ND	0.40	2	2/20/20 1:17	BRF
1,2-Dichloroethane	ND	0.10		ND	0.40	2	2/20/20 1:17	BRF
1,1-Dichloroethylene	ND	0.10		ND	0.40	2	2/20/20 1:17	BRF
cis-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	2/20/20 1:17	BRF
trans-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	2/20/20 1:17	BRF
1,2-Dichloropropane	ND	0.10		ND	0.46	2	2/20/20 1:17	BRF
cis-1,3-Dichloropropene	ND	0.10		ND	0.45	2	2/20/20 1:17	BRF
trans-1,3-Dichloropropene	ND	0.10		ND	0.45	2	2/20/20 1:17	BRF
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.10		ND	0.70	2	2/20/20 1:17	BRF
1,4-Dioxane	ND	1.0		ND	3.6	2	2/20/20 1:17	BRF
Ethanol	270	20		510	38	10	2/20/20 10:26	BRF
Ethyl Acetate	ND	0.10		ND	0.36	2	2/20/20 1:17	BRF
Ethylbenzene	ND	0.10		ND	0.43	2	2/20/20 1:17	BRF
4-Ethyltoluene	ND	0.10		ND	0.49	2	2/20/20 1:17	BRF
Heptane	ND	0.10		ND	0.41	2	2/20/20 1:17	BRF
Hexachlorobutadiene	ND	0.10		ND	1.1	2	2/20/20 1:17	BRF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: 2 Halsey Rd., Whitesboro, NY
Date Received: 2/17/2020
Field Sample #: INT-3
Sample ID: 20B0716-08
Sample Matrix: Soil Gas
Sampled: 2/13/2020 19:14

Sample Description/Location:
Sub Description/Location:
Canister ID: 2461
Canister Size: 6 liter
Flow Controller ID: 4615
Sample Type: 4 hr

Work Order: 20B0716
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -9
Receipt Vacuum(in Hg): -9.8
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Hexane	ND	4.0		ND	14	2	2/20/20 1:17	BRF
2-Hexanone (MBK)	ND	0.10		ND	0.41	2	2/20/20 1:17	BRF
Isopropanol	ND	4.0		ND	9.8	2	2/20/20 1:17	BRF
Methyl tert-Butyl Ether (MTBE)	ND	0.10		ND	0.36	2	2/20/20 1:17	BRF
Methylene Chloride	ND	1.0		ND	3.5	2	2/20/20 1:17	BRF
4-Methyl-2-pentanone (MIBK)	ND	0.10		ND	0.41	2	2/20/20 1:17	BRF
Naphthalene	ND	0.10		ND	0.52	2	2/20/20 1:17	BRF
Propene	ND	4.0		ND	6.9	2	2/20/20 1:17	BRF
Styrene	ND	0.10		ND	0.43	2	2/20/20 1:17	BRF
1,1,2,2-Tetrachloroethane	ND	0.10		ND	0.69	2	2/20/20 1:17	BRF
Tetrachloroethylene	ND	0.10		ND	0.68	2	2/20/20 1:17	BRF
Tetrahydrofuran	ND	0.10		ND	0.29	2	2/20/20 1:17	BRF
Toluene	0.12	0.10		0.45	0.38	2	2/20/20 1:17	BRF
1,2,4-Trichlorobenzene	ND	0.10		ND	0.74	2	2/20/20 1:17	BRF
1,1,1-Trichloroethane	ND	0.10		ND	0.55	2	2/20/20 1:17	BRF
1,1,2-Trichloroethane	ND	0.10		ND	0.55	2	2/20/20 1:17	BRF
Trichloroethylene	0.43	0.10		2.3	0.54	2	2/20/20 1:17	BRF
Trichlorofluoromethane (Freon 11)	ND	0.40		ND	2.2	2	2/20/20 1:17	BRF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.40		ND	3.1	2	2/20/20 1:17	BRF
1,2,4-Trimethylbenzene	ND	0.10		ND	0.49	2	2/20/20 1:17	BRF
1,3,5-Trimethylbenzene	ND	0.10		ND	0.49	2	2/20/20 1:17	BRF
Vinyl Acetate	ND	2.0		ND	7.0	2	2/20/20 1:17	BRF
Vinyl Chloride	ND	0.10		ND	0.26	2	2/20/20 1:17	BRF
m&p-Xylene	ND	0.20		ND	0.87	2	2/20/20 1:17	BRF
o-Xylene	ND	0.10		ND	0.43	2	2/20/20 1:17	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	94.3	70-130	2/20/20 10:26
4-Bromofluorobenzene (1)	94.9	70-130	2/20/20 1:17

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

ANALYTICAL RESULTS

Project Location: 2 Halsey Rd., Whitesboro, NY
Date Received: 2/17/2020
Field Sample #: EXT-UP
Sample ID: 20B0716-09
Sample Matrix: Soil Gas
Sampled: 2/13/2020 19:33

Sample Description/Location:
Sub Description/Location:
Canister ID: 2468
Canister Size: 6 liter
Flow Controller ID: 4621
Sample Type: 4 hr

Work Order: 20B0716
Initial Vacuum(in Hg): -28
Final Vacuum(in Hg): -8
Receipt Vacuum(in Hg): -9.7
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

	ppbv			ug/m3			Date/Time	
Analyte	Results	RL	Flag/Qual	Results	RL	Dilution	Analyzed	Analyst
Acetone	ND	4.0		ND	9.5	2	2/20/20 2:42	BRF
Benzene	0.13	0.10		0.42	0.32	2	2/20/20 2:42	BRF
Benzyl chloride	ND	0.10		ND	0.52	2	2/20/20 2:42	BRF
Bromodichloromethane	ND	0.10		ND	0.67	2	2/20/20 2:42	BRF
Bromoform	ND	0.10		ND	1.0	2	2/20/20 2:42	BRF
Bromomethane	ND	0.20		ND	0.78	2	2/20/20 2:42	BRF
1,3-Butadiene	ND	0.10		ND	0.22	2	2/20/20 2:42	BRF
2-Butanone (MEK)	ND	4.0		ND	12	2	2/20/20 2:42	BRF
Carbon Disulfide	ND	1.0		ND	3.1	2	2/20/20 2:42	BRF
Carbon Tetrachloride	ND	0.10		ND	0.63	2	2/20/20 2:42	BRF
Chlorobenzene	ND	0.10		ND	0.46	2	2/20/20 2:42	BRF
Chloroethane	ND	0.10		ND	0.26	2	2/20/20 2:42	BRF
Chloroform	ND	0.10		ND	0.49	2	2/20/20 2:42	BRF
Chloromethane	0.56	0.20		1.2	0.41	2	2/20/20 2:42	BRF
Cyclohexane	ND	0.10		ND	0.34	2	2/20/20 2:42	BRF
Dibromochloromethane	ND	0.10		ND	0.85	2	2/20/20 2:42	BRF
1,2-Dibromoethane (EDB)	ND	0.10		ND	0.77	2	2/20/20 2:42	BRF
1,2-Dichlorobenzene	ND	0.10		ND	0.60	2	2/20/20 2:42	BRF
1,3-Dichlorobenzene	ND	0.10		ND	0.60	2	2/20/20 2:42	BRF
1,4-Dichlorobenzene	ND	0.10		ND	0.60	2	2/20/20 2:42	BRF
Dichlorodifluoromethane (Freon 12)	0.35	0.10		1.8	0.49	2	2/20/20 2:42	BRF
1,1-Dichloroethane	ND	0.10		ND	0.40	2	2/20/20 2:42	BRF
1,2-Dichloroethane	ND	0.10		ND	0.40	2	2/20/20 2:42	BRF
1,1-Dichloroethylene	ND	0.10		ND	0.40	2	2/20/20 2:42	BRF
cis-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	2/20/20 2:42	BRF
trans-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	2/20/20 2:42	BRF
1,2-Dichloropropane	ND	0.10		ND	0.46	2	2/20/20 2:42	BRF
cis-1,3-Dichloropropene	ND	0.10		ND	0.45	2	2/20/20 2:42	BRF
trans-1,3-Dichloropropene	ND	0.10		ND	0.45	2	2/20/20 2:42	BRF
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.10		ND	0.70	2	2/20/20 2:42	BRF
1,4-Dioxane	ND	1.0		ND	3.6	2	2/20/20 2:42	BRF
Ethanol	ND	4.0		ND	7.5	2	2/20/20 2:42	BRF
Ethyl Acetate	ND	0.10		ND	0.36	2	2/20/20 2:42	BRF
Ethylbenzene	ND	0.10		ND	0.43	2	2/20/20 2:42	BRF
4-Ethyltoluene	ND	0.10		ND	0.49	2	2/20/20 2:42	BRF
Heptane	ND	0.10		ND	0.41	2	2/20/20 2:42	BRF
Hexachlorobutadiene	ND	0.10		ND	1.1	2	2/20/20 2:42	BRF

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

ANALYTICAL RESULTS

Project Location: 2 Halsey Rd., Whitesboro, NY
Date Received: 2/17/2020
Field Sample #: EXT-UP
Sample ID: 20B0716-09
Sample Matrix: Soil Gas
Sampled: 2/13/2020 19:33

Sample Description/Location:
Sub Description/Location:
Canister ID: 2468
Canister Size: 6 liter
Flow Controller ID: 4621
Sample Type: 4 hr

Work Order: 20B0716
Initial Vacuum(in Hg): -28
Final Vacuum(in Hg): -8
Receipt Vacuum(in Hg): -9.7
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Hexane	ND	4.0		ND	14	2	2/20/20 2:42	BRF
2-Hexanone (MBK)	ND	0.10		ND	0.41	2	2/20/20 2:42	BRF
Isopropanol	ND	4.0		ND	9.8	2	2/20/20 2:42	BRF
Methyl tert-Butyl Ether (MTBE)	ND	0.10		ND	0.36	2	2/20/20 2:42	BRF
Methylene Chloride	ND	1.0		ND	3.5	2	2/20/20 2:42	BRF
4-Methyl-2-pentanone (MIBK)	ND	0.10		ND	0.41	2	2/20/20 2:42	BRF
Naphthalene	ND	0.10		ND	0.52	2	2/20/20 2:42	BRF
Propene	ND	4.0		ND	6.9	2	2/20/20 2:42	BRF
Styrene	ND	0.10		ND	0.43	2	2/20/20 2:42	BRF
1,1,2,2-Tetrachloroethane	ND	0.10		ND	0.69	2	2/20/20 2:42	BRF
Tetrachloroethylene	ND	0.10		ND	0.68	2	2/20/20 2:42	BRF
Tetrahydrofuran	ND	0.10		ND	0.29	2	2/20/20 2:42	BRF
Toluene	ND	0.10		ND	0.38	2	2/20/20 2:42	BRF
1,2,4-Trichlorobenzene	ND	0.10		ND	0.74	2	2/20/20 2:42	BRF
1,1,1-Trichloroethane	ND	0.10		ND	0.55	2	2/20/20 2:42	BRF
1,1,2-Trichloroethane	ND	0.10		ND	0.55	2	2/20/20 2:42	BRF
Trichloroethylene	ND	0.10		ND	0.54	2	2/20/20 2:42	BRF
Trichlorofluoromethane (Freon 11)	ND	0.40		ND	2.2	2	2/20/20 2:42	BRF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.40		ND	3.1	2	2/20/20 2:42	BRF
1,2,4-Trimethylbenzene	ND	0.10		ND	0.49	2	2/20/20 2:42	BRF
1,3,5-Trimethylbenzene	ND	0.10		ND	0.49	2	2/20/20 2:42	BRF
Vinyl Acetate	ND	2.0		ND	7.0	2	2/20/20 2:42	BRF
Vinyl Chloride	ND	0.10		ND	0.26	2	2/20/20 2:42	BRF
m&p-Xylene	ND	0.20		ND	0.87	2	2/20/20 2:42	BRF
o-Xylene	ND	0.10		ND	0.43	2	2/20/20 2:42	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	95.0	70-130	2/20/20 2:42

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ANALYTICAL RESULTS

Project Location: 2 Halsey Rd., Whitesboro, NY
Date Received: 2/17/2020
Field Sample #: EXT-DOWN
Sample ID: 20B0716-10
Sample Matrix: Soil Gas
Sampled: 2/13/2020 19:25

Sample Description/Location:
Sub Description/Location:
Canister ID: 2454
Canister Size: 6 liter
Flow Controller ID: 4650
Sample Type: 4 hr

Work Order: 20B0716
Initial Vacuum(in Hg): -26
Final Vacuum(in Hg): -8
Receipt Vacuum(in Hg): -9.9
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

	ppbv			ug/m3			Date/Time	
Analyte	Results	RL	Flag/Qual	Results	RL	Dilution	Analyzed	Analyst
Acetone	ND	4.0		ND	9.5	2	2/20/20 3:25	BRF
Benzene	0.33	0.10		1.0	0.32	2	2/20/20 3:25	BRF
Benzyl chloride	ND	0.10		ND	0.52	2	2/20/20 3:25	BRF
Bromodichloromethane	ND	0.10		ND	0.67	2	2/20/20 3:25	BRF
Bromoform	ND	0.10		ND	1.0	2	2/20/20 3:25	BRF
Bromomethane	ND	0.20		ND	0.78	2	2/20/20 3:25	BRF
1,3-Butadiene	ND	0.10		ND	0.22	2	2/20/20 3:25	BRF
2-Butanone (MEK)	ND	4.0		ND	12	2	2/20/20 3:25	BRF
Carbon Disulfide	ND	1.0		ND	3.1	2	2/20/20 3:25	BRF
Carbon Tetrachloride	ND	0.10		ND	0.63	2	2/20/20 3:25	BRF
Chlorobenzene	ND	0.10		ND	0.46	2	2/20/20 3:25	BRF
Chloroethane	ND	0.10		ND	0.26	2	2/20/20 3:25	BRF
Chloroform	ND	0.10		ND	0.49	2	2/20/20 3:25	BRF
Chloromethane	0.56	0.20		1.2	0.41	2	2/20/20 3:25	BRF
Cyclohexane	ND	0.10		ND	0.34	2	2/20/20 3:25	BRF
Dibromochloromethane	ND	0.10		ND	0.85	2	2/20/20 3:25	BRF
1,2-Dibromoethane (EDB)	ND	0.10		ND	0.77	2	2/20/20 3:25	BRF
1,2-Dichlorobenzene	ND	0.10		ND	0.60	2	2/20/20 3:25	BRF
1,3-Dichlorobenzene	ND	0.10		ND	0.60	2	2/20/20 3:25	BRF
1,4-Dichlorobenzene	ND	0.10		ND	0.60	2	2/20/20 3:25	BRF
Dichlorodifluoromethane (Freon 12)	0.37	0.10		1.8	0.49	2	2/20/20 3:25	BRF
1,1-Dichloroethane	ND	0.10		ND	0.40	2	2/20/20 3:25	BRF
1,2-Dichloroethane	ND	0.10		ND	0.40	2	2/20/20 3:25	BRF
1,1-Dichloroethylene	ND	0.10		ND	0.40	2	2/20/20 3:25	BRF
cis-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	2/20/20 3:25	BRF
trans-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	2/20/20 3:25	BRF
1,2-Dichloropropane	ND	0.10		ND	0.46	2	2/20/20 3:25	BRF
cis-1,3-Dichloropropene	ND	0.10		ND	0.45	2	2/20/20 3:25	BRF
trans-1,3-Dichloropropene	ND	0.10		ND	0.45	2	2/20/20 3:25	BRF
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.10		ND	0.70	2	2/20/20 3:25	BRF
1,4-Dioxane	ND	1.0		ND	3.6	2	2/20/20 3:25	BRF
Ethanol	ND	4.0		ND	7.5	2	2/20/20 3:25	BRF
Ethyl Acetate	ND	0.10		ND	0.36	2	2/20/20 3:25	BRF
Ethylbenzene	ND	0.10		ND	0.43	2	2/20/20 3:25	BRF
4-Ethyltoluene	ND	0.10		ND	0.49	2	2/20/20 3:25	BRF
Heptane	ND	0.10		ND	0.41	2	2/20/20 3:25	BRF
Hexachlorobutadiene	ND	0.10		ND	1.1	2	2/20/20 3:25	BRF

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ANALYTICAL RESULTS

Project Location: 2 Halsey Rd., Whitesboro, NY
Date Received: 2/17/2020
Field Sample #: EXT-DOWN
Sample ID: 20B0716-10
Sample Matrix: Soil Gas
Sampled: 2/13/2020 19:25

Sample Description/Location:
Sub Description/Location:
Canister ID: 2454
Canister Size: 6 liter
Flow Controller ID: 4650
Sample Type: 4 hr

Work Order: 20B0716
Initial Vacuum(in Hg): -26
Final Vacuum(in Hg): -8
Receipt Vacuum(in Hg): -9.9
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Hexane	ND	4.0		ND	14	2	2/20/20 3:25	BRF
2-Hexanone (MBK)	ND	0.10		ND	0.41	2	2/20/20 3:25	BRF
Isopropanol	ND	4.0		ND	9.8	2	2/20/20 3:25	BRF
Methyl tert-Butyl Ether (MTBE)	ND	0.10		ND	0.36	2	2/20/20 3:25	BRF
Methylene Chloride	ND	1.0		ND	3.5	2	2/20/20 3:25	BRF
4-Methyl-2-pentanone (MIBK)	ND	0.10		ND	0.41	2	2/20/20 3:25	BRF
Naphthalene	ND	0.10		ND	0.52	2	2/20/20 3:25	BRF
Propene	ND	4.0		ND	6.9	2	2/20/20 3:25	BRF
Styrene	ND	0.10		ND	0.43	2	2/20/20 3:25	BRF
1,1,2,2-Tetrachloroethane	ND	0.10		ND	0.69	2	2/20/20 3:25	BRF
Tetrachloroethylene	ND	0.10		ND	0.68	2	2/20/20 3:25	BRF
Tetrahydrofuran	ND	0.10		ND	0.29	2	2/20/20 3:25	BRF
Toluene	ND	0.10		ND	0.38	2	2/20/20 3:25	BRF
1,2,4-Trichlorobenzene	ND	0.10		ND	0.74	2	2/20/20 3:25	BRF
1,1,1-Trichloroethane	ND	0.10		ND	0.55	2	2/20/20 3:25	BRF
1,1,2-Trichloroethane	ND	0.10		ND	0.55	2	2/20/20 3:25	BRF
Trichloroethylene	ND	0.10		ND	0.54	2	2/20/20 3:25	BRF
Trichlorofluoromethane (Freon 11)	ND	0.40		ND	2.2	2	2/20/20 3:25	BRF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.40		ND	3.1	2	2/20/20 3:25	BRF
1,2,4-Trimethylbenzene	ND	0.10		ND	0.49	2	2/20/20 3:25	BRF
1,3,5-Trimethylbenzene	ND	0.10		ND	0.49	2	2/20/20 3:25	BRF
Vinyl Acetate	ND	2.0		ND	7.0	2	2/20/20 3:25	BRF
Vinyl Chloride	ND	0.10		ND	0.26	2	2/20/20 3:25	BRF
m&p-Xylene	ND	0.20		ND	0.87	2	2/20/20 3:25	BRF
o-Xylene	ND	0.10		ND	0.43	2	2/20/20 3:25	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	95.0	70-130	2/20/20 3:25

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: TO-15 Prep-EPA TO-15

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
20B0716-01 [VP-1]	B252689	1.5	1	N/A	1000	400	300	02/19/20
20B0716-01RE1 [VP-1]	B252689	1.5	200	5	1000	400	400	02/19/20
20B0716-02 [VP-2]	B252689	1.5	1	N/A	1000	400	15	02/19/20
20B0716-02RE1 [VP-2]	B252689	1.5	200	5	1000	400	400	02/19/20
20B0716-03 [VP-3]	B252689	1.5	1	N/A	1000	400	30	02/19/20
20B0716-03RE1 [VP-3]	B252689	1.5	200	5	1000	400	400	02/19/20
20B0716-04 [VP-4]	B252689	1.5	1	N/A	1000	400	30	02/19/20
20B0716-04RE1 [VP-4]	B252689	1.5	200	5	1000	400	400	02/19/20
20B0716-05 [VP-5]	B252689	1.5	1	N/A	1000	400	15	02/19/20
20B0716-05RE1 [VP-5]	B252689	1.5	200	5	1000	400	200	02/19/20
20B0716-06 [INT-1]	B252689	1.5	1	N/A	1000	400	300	02/19/20
20B0716-06RE1 [INT-1]	B252689	1.5	1	N/A	1000	400	15	02/19/20
20B0716-07 [INT-2]	B252689	1.5	1	N/A	1000	400	300	02/19/20
20B0716-07RE1 [INT-2]	B252689	1.5	1	N/A	1000	400	150	02/19/20
20B0716-08 [INT-3]	B252689	1.5	1	N/A	1000	400	300	02/19/20
20B0716-08RE1 [INT-3]	B252689	1.5	1	N/A	1000	400	60	02/19/20
20B0716-09 [EXT-UP]	B252689	1.5	1	N/A	1000	400	300	02/19/20
20B0716-10 [EXT-DOWN]	B252689	2	1	N/A	1000	400	400	02/19/20

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B252689 - TO-15 Prep											
Blank (B252689-BLK1)					Prepared & Analyzed: 02/19/20						
Acetone	ND	1.4									
Benzene	ND	0.035									
Benzyl chloride	ND	0.035									
Bromodichloromethane	ND	0.035									
Bromoform	ND	0.035									
Bromomethane	ND	0.035									
1,3-Butadiene	ND	0.035									
2-Butanone (MEK)	ND	1.4									
Carbon Disulfide	ND	0.35									
Carbon Tetrachloride	ND	0.035									
Chlorobenzene	ND	0.035									
Chloroethane	ND	0.035									
Chloroform	ND	0.035									
Chloromethane	ND	0.070									
Cyclohexane	ND	0.035									
Dibromochloromethane	ND	0.035									
1,2-Dibromoethane (EDB)	ND	0.035									
1,2-Dichlorobenzene	ND	0.035									
1,3-Dichlorobenzene	ND	0.035									
1,4-Dichlorobenzene	ND	0.035									
Dichlorodifluoromethane (Freon 12)	ND	0.035									
1,1-Dichloroethane	ND	0.035									
1,2-Dichloroethane	ND	0.035									
1,1-Dichloroethylene	ND	0.035									
cis-1,2-Dichloroethylene	ND	0.035									
trans-1,2-Dichloroethylene	ND	0.035									
1,2-Dichloropropane	ND	0.035									
cis-1,3-Dichloropropene	ND	0.035									
trans-1,3-Dichloropropene	ND	0.035									
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035									
1,4-Dioxane	ND	0.35									
Ethanol	ND	1.4									
Ethyl Acetate	ND	0.035									
Ethylbenzene	ND	0.035									
4-Ethyltoluene	ND	0.035									
Heptane	ND	0.035									
Hexachlorobutadiene	ND	0.035									
Hexane	ND	1.4									
2-Hexanone (MBK)	ND	0.035									
Isopropanol	ND	1.4									
Methyl tert-Butyl Ether (MTBE)	ND	0.035									
Methylene Chloride	ND	0.35									
4-Methyl-2-pentanone (MIBK)	ND	0.035									
Naphthalene	ND	0.035									
Propene	ND	1.4									
Styrene	ND	0.035									

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B252689 - TO-15 Prep											
Blank (B252689-BLK1)					Prepared & Analyzed: 02/19/20						
1,1,2,2-Tetrachloroethane	ND	0.035									
Tetrachloroethylene	ND	0.035									
Tetrahydrofuran	ND	0.035									
Toluene	ND	0.035									
1,2,4-Trichlorobenzene	ND	0.035									
1,1,1-Trichloroethane	ND	0.035									
1,1,2-Trichloroethane	ND	0.035									
Trichloroethylene	ND	0.035									
Trichlorofluoromethane (Freon 11)	ND	0.14									
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.14									
1,2,4-Trimethylbenzene	ND	0.035									
1,3,5-Trimethylbenzene	ND	0.035									
Vinyl Acetate	ND	0.70									
Vinyl Chloride	ND	0.035									
m&p-Xylene	ND	0.070									
o-Xylene	ND	0.035									
Surrogate: 4-Bromofluorobenzene (1)	*6.82*				*8.00*		*85.3*	*70-130*			
LCS (B252689-BS1)					Prepared & Analyzed: 02/19/20						
Acetone	5.60				5.00		112	70-130			
Benzene	4.23				5.00		84.6	70-130			
Benzyl chloride	4.68				5.00		93.5	70-130			
Bromodichloromethane	4.47				5.00		89.5	70-130			
Bromoform	4.93				5.00		98.6	70-130			
Bromomethane	4.56				5.00		91.3	70-130			
1,3-Butadiene	4.76				5.00		95.3	70-130			
2-Butanone (MEK)	4.81				5.00		96.2	70-130			
Carbon Disulfide	4.26				5.00		85.1	70-130			
Carbon Tetrachloride	4.51				5.00		90.2	70-130			
Chlorobenzene	4.35				5.00		87.0	70-130			
Chloroethane	4.67				5.00		93.4	70-130			
Chloroform	4.34				5.00		86.7	70-130			
Chloromethane	4.49				5.00		89.8	70-130			
Cyclohexane	3.92				5.00		78.4	70-130			
Dibromochloromethane	4.72				5.00		94.4	70-130			
1,2-Dibromoethane (EDB)	4.50				5.00		89.9	70-130			
1,2-Dichlorobenzene	4.53				5.00		90.6	70-130			
1,3-Dichlorobenzene	4.56				5.00		91.1	70-130			
1,4-Dichlorobenzene	4.51				5.00		90.2	70-130			
Dichlorodifluoromethane (Freon 12)	5.13				5.00		103	70-130			
1,1-Dichloroethane	4.32				5.00		86.5	70-130			
1,2-Dichloroethane	4.56				5.00		91.2	70-130			
1,1-Dichloroethylene	4.39				5.00		87.8	70-130			
cis-1,2-Dichloroethylene	4.26				5.00		85.2	70-130			
trans-1,2-Dichloroethylene	4.36				5.00		87.1	70-130			
1,2-Dichloropropane	4.30				5.00		86.1	70-130			

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B252689 - TO-15 Prep											
LCS (B252689-BS1)					Prepared & Analyzed: 02/19/20						
cis-1,3-Dichloropropene	4.08				5.00		81.7	70-130			
trans-1,3-Dichloropropene	4.53				5.00		90.6	70-130			
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	4.61				5.00		92.3	70-130			
1,4-Dioxane	4.74				5.00		94.7	70-130			
Ethanol	5.88				5.00		118	70-130			
Ethyl Acetate	3.96				5.00		79.3	70-130			
Ethylbenzene	4.56				5.00		91.3	70-130			
4-Ethyltoluene	4.71				5.00		94.3	70-130			
Heptane	4.24				5.00		84.7	70-130			
Hexachlorobutadiene	4.12				5.00		82.4	70-130			
Hexane	5.43				5.00		109	70-130			
2-Hexanone (MBK)	5.45				5.00		109	70-130			
Isopropanol	5.13				5.00		103	70-130			
Methyl tert-Butyl Ether (MTBE)	4.41				5.00		88.3	70-130			
Methylene Chloride	4.47				5.00		89.4	70-130			
4-Methyl-2-pentanone (MIBK)	4.98				5.00		99.6	70-130			
Naphthalene	4.02				5.00		80.3	70-130			
Propene	4.64				5.00		92.7	70-130			
Styrene	4.61				5.00		92.2	70-130			
1,1,2,2-Tetrachloroethane	4.49				5.00		89.9	70-130			
Tetrachloroethylene	4.30				5.00		86.0	70-130			
Tetrahydrofuran	4.92				5.00		98.3	70-130			
Toluene	4.59				5.00		91.7	70-130			
1,2,4-Trichlorobenzene	4.21				5.00		84.2	70-130			
1,1,1-Trichloroethane	4.19				5.00		83.7	70-130			
1,1,2-Trichloroethane	4.54				5.00		90.8	70-130			
Trichloroethylene	4.28				5.00		85.6	70-130			
Trichlorofluoromethane (Freon 11)	5.23				5.00		105	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	4.29				5.00		85.8	70-130			
1,2,4-Trimethylbenzene	4.78				5.00		95.6	70-130			
1,3,5-Trimethylbenzene	4.74				5.00		94.9	70-130			
Vinyl Acetate	4.43				5.00		88.7	70-130			
Vinyl Chloride	4.69				5.00		93.9	70-130			
m&p-Xylene	9.41				10.0		94.1	70-130			
o-Xylene	4.74				5.00		94.7	70-130			
Surrogate: 4-Bromofluorobenzene (1)	*7.78*				*8.00*		*97.2*	*70-130*			

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B252689 - TO-15 Prep											
Duplicate (B252689-DUP1)			**Source: 20B0716-08**		Prepared: 02/19/20 Analyzed: 02/20/20						
Acetone	ND	4.0	ND	9.5		ND				25	
Benzene	0.12	0.10	0.39	0.32		0.13			4.80	25	
Benzyl chloride	ND	0.10	ND	0.52		ND				25	
Bromodichloromethane	ND	0.10	ND	0.67		ND				25	
Bromoform	ND	0.10	ND	1.0		ND				25	
Bromomethane	ND	0.10	ND	0.39		ND				25	
1,3-Butadiene	ND	0.10	ND	0.22		ND				25	
2-Butanone (MEK)	1.2	4.0	3.5	12		1.2			4.61	25	
Carbon Disulfide	ND	1.0	ND	3.1		ND				25	
Carbon Tetrachloride	0.068	0.10	0.43	0.63		0.068			0.00	25	
Chlorobenzene	ND	0.10	ND	0.46		ND				25	
Chloroethane	ND	0.10	ND	0.26		ND				25	
Chloroform	ND	0.10	ND	0.49		ND				25	
Chloromethane	0.56	0.20	1.2	0.41		0.55			2.17	25	
Cyclohexane	ND	0.10	ND	0.34		ND				25	
Dibromochloromethane	ND	0.10	ND	0.85		ND				25	
1,2-Dibromoethane (EDB)	ND	0.10	ND	0.77		ND				25	
1,2-Dichlorobenzene	ND	0.10	ND	0.60		ND				25	
1,3-Dichlorobenzene	ND	0.10	ND	0.60		ND				25	
1,4-Dichlorobenzene	ND	0.10	ND	0.60		ND				25	
Dichlorodifluoromethane (Freon 12)	0.35	0.10	1.7	0.49		0.38			6.59	25	
1,1-Dichloroethane	ND	0.10	ND	0.40		ND				25	
1,2-Dichloroethane	ND	0.10	ND	0.40		ND				25	
1,1-Dichloroethylene	ND	0.10	ND	0.40		ND				25	
cis-1,2-Dichloroethylene	ND	0.10	ND	0.40		ND				25	
trans-1,2-Dichloroethylene	ND	0.10	ND	0.40		ND				25	
1,2-Dichloropropane	ND	0.10	ND	0.46		ND				25	
cis-1,3-Dichloropropene	ND	0.10	ND	0.45		ND				25	
trans-1,3-Dichloropropene	ND	0.10	ND	0.45		ND				25	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.10	ND	0.70		ND				25	
1,4-Dioxane	ND	1.0	ND	3.6		ND				25	
Ethanol	240	4.0	460	7.5		240			0.547	25	E
Ethyl Acetate	ND	0.10	ND	0.36		ND				25	
Ethylbenzene	ND	0.10	ND	0.43		ND				25	
4-Ethyltoluene	ND	0.10	ND	0.49		ND				25	
Heptane	ND	0.10	ND	0.41		ND				25	
Hexachlorobutadiene	ND	0.10	ND	1.1		ND				25	
Hexane	ND	4.0	ND	14		ND				25	
2-Hexanone (MBK)	ND	0.10	ND	0.41		ND				25	
Isopropanol	3.5	4.0	8.7	9.8		3.6			1.35	25	
Methyl tert-Butyl Ether (MTBE)	ND	0.10	ND	0.36		ND				25	
Methylene Chloride	0.20	1.0	0.69	3.5		0.20			1.01	25	
4-Methyl-2-pentanone (MIBK)	ND	0.10	ND	0.41		ND				25	
Naphthalene	ND	0.10	ND	0.52		ND				25	
Propene	ND	4.0	ND	6.9		ND				25	
Styrene	ND	0.10	ND	0.43		ND				25	

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B252689 - TO-15 Prep											
Duplicate (B252689-DUP1)			**Source: 20B0716-08**		Prepared: 02/19/20 Analyzed: 02/20/20						
1,1,2,2-Tetrachloroethane	ND	0.10	ND	0.69		ND				25	
Tetrachloroethylene	ND	0.10	ND	0.68		ND				25	
Tetrahydrofuran	ND	0.10	ND	0.29		ND				25	
Toluene	0.11	0.10	0.42	0.38		0.12			6.90	25	
1,2,4-Trichlorobenzene	ND	0.10	ND	0.74		ND				25	
1,1,1-Trichloroethane	ND	0.10	ND	0.55		ND				25	
1,1,2-Trichloroethane	ND	0.10	ND	0.55		ND				25	
Trichloroethylene	0.41	0.10	2.2	0.54		0.43			4.72	25	
Trichlorofluoromethane (Freon 11)	0.24	0.40	1.4	2.2		0.23			3.36	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.18	0.40	1.4	3.1		0.18			0.00	25	
1,2,4-Trimethylbenzene	ND	0.10	ND	0.49		ND				25	
1,3,5-Trimethylbenzene	ND	0.10	ND	0.49		ND				25	
Vinyl Acetate	ND	2.0	ND	7.0		ND				25	
Vinyl Chloride	ND	0.10	ND	0.26		ND				25	
m&p-Xylene	ND	0.20	ND	0.87		ND				25	
o-Xylene	ND	0.10	ND	0.43		ND				25	
Surrogate: 4-Bromofluorobenzene (1)	*7.56*				*8.00*		*94.5*	*70-130*			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
E	Reported result is estimated. Value reported over verified calibration range.
RL-11	Elevated reporting limit due to high concentration of target compounds.

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INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Initial Cal Check (S041952-ICV1)			Lab File ID: G1930117.D			Analyzed: 10/28/19 23:11			
Bromochloromethane (1)	392547	8.54	392415	8.54	100	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	984411	10.314	974698	10.32	101	60 - 140	-0.0060	+/-0.50	
Chlorobenzene-d5 (1)	925298	14.691	911790	14.691	101	60 - 140	0.0000	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S045821-CCV1)			Lab File ID: G2005004.D			Analyzed: 02/19/20 11:24			
Bromochloromethane (1)	306852	8.527	392415	8.54	78	60 - 140	-0.0130	+/-0.50	
1,4-Difluorobenzene (1)	724944	10.307	974698	10.32	74	60 - 140	-0.0130	+/-0.50	
Chlorobenzene-d5 (1)	638661	14.685	911790	14.691	70	60 - 140	-0.0060	+/-0.50	
LCS (B252689-BS1)			Lab File ID: G2005005.D			Analyzed: 02/19/20 12:04			
Bromochloromethane (1)	305157	8.527	306852	8.527	99	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	721344	10.307	724944	10.307	100	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	643832	14.685	638661	14.685	101	60 - 140	0.0000	+/-0.50	
Blank (B252689-BLK1)			Lab File ID: G2005008.D			Analyzed: 02/19/20 14:20			
Bromochloromethane (1)	290164	8.534	306852	8.527	95	60 - 140	0.0070	+/-0.50	
1,4-Difluorobenzene (1)	648619	10.308	724944	10.307	89	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	509961	14.685	638661	14.685	80	60 - 140	0.0000	+/-0.50	
VP-1 (20B0716-01)			Lab File ID: G2005009.D			Analyzed: 02/19/20 16:29			
Bromochloromethane (1)	318443	8.527	306852	8.527	104	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	705350	10.308	724944	10.307	97	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	628673	14.685	638661	14.685	98	60 - 140	0.0000	+/-0.50	
VP-2 (20B0716-02)			Lab File ID: G2005011.D			Analyzed: 02/19/20 17:47			
Bromochloromethane (1)	309016	8.527	306852	8.527	101	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	682138	10.307	724944	10.307	94	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	581150	14.685	638661	14.685	91	60 - 140	0.0000	+/-0.50	
VP-2 (20B0716-02RE1)			Lab File ID: G2005012.D			Analyzed: 02/19/20 18:30			
Bromochloromethane (1)	307675	8.527	306852	8.527	100	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	680879	10.308	724944	10.307	94	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	615006	14.685	638661	14.685	96	60 - 140	0.0000	+/-0.50	
VP-3 (20B0716-03)			Lab File ID: G2005013.D			Analyzed: 02/19/20 19:09			
Bromochloromethane (1)	302791	8.527	306852	8.527	99	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	663038	10.308	724944	10.307	91	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	559771	14.685	638661	14.685	88	60 - 140	0.0000	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
VP-3 (20B0716-03RE1)			Lab File ID: G2005014.D			Analyzed: 02/19/20 19:52			
Bromochloromethane (1)	297250	8.533	306852	8.527	97	60 - 140	0.0060	+/-0.50	
1,4-Difluorobenzene (1)	665854	10.307	724944	10.307	92	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	596889	14.685	638661	14.685	93	60 - 140	0.0000	+/-0.50	
VP-4 (20B0716-04)			Lab File ID: G2005015.D			Analyzed: 02/19/20 20:30			
Bromochloromethane (1)	296469	8.527	306852	8.527	97	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	653348	10.307	724944	10.307	90	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	561809	14.685	638661	14.685	88	60 - 140	0.0000	+/-0.50	
VP-4 (20B0716-04RE1)			Lab File ID: G2005016.D			Analyzed: 02/19/20 21:13			
Bromochloromethane (1)	303422	8.527	306852	8.527	99	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	669718	10.308	724944	10.307	92	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	599278	14.685	638661	14.685	94	60 - 140	0.0000	+/-0.50	
VP-5 (20B0716-05)			Lab File ID: G2005017.D			Analyzed: 02/19/20 21:52			
Bromochloromethane (1)	293922	8.527	306852	8.527	96	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	653590	10.308	724944	10.307	90	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	566168	14.685	638661	14.685	89	60 - 140	0.0000	+/-0.50	
VP-5 (20B0716-05RE1)			Lab File ID: G2005018.D			Analyzed: 02/19/20 22:32			
Bromochloromethane (1)	301193	8.533	306852	8.527	98	60 - 140	0.0060	+/-0.50	
1,4-Difluorobenzene (1)	660884	10.307	724944	10.307	91	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	593578	14.685	638661	14.685	93	60 - 140	0.0000	+/-0.50	
INT-1 (20B0716-06)			Lab File ID: G2005019.D			Analyzed: 02/19/20 23:14			
Bromochloromethane (1)	296356	8.534	306852	8.527	97	60 - 140	0.0070	+/-0.50	
1,4-Difluorobenzene (1)	650981	10.308	724944	10.307	90	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	562797	14.685	638661	14.685	88	60 - 140	0.0000	+/-0.50	
INT-1 (20B0716-06RE1)			Lab File ID: G2005020.D			Analyzed: 02/19/20 23:53			
Bromochloromethane (1)	300066	8.534	306852	8.527	98	60 - 140	0.0070	+/-0.50	
1,4-Difluorobenzene (1)	663415	10.308	724944	10.307	92	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	578020	14.685	638661	14.685	91	60 - 140	0.0000	+/-0.50	
INT-2 (20B0716-07)			Lab File ID: G2005021.D			Analyzed: 02/20/20 00:35			
Bromochloromethane (1)	302979	8.527	306852	8.527	99	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	658718	10.307	724944	10.307	91	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	570569	14.685	638661	14.685	89	60 - 140	0.0000	+/-0.50	
INT-3 (20B0716-08)			Lab File ID: G2005022.D			Analyzed: 02/20/20 01:17			
Bromochloromethane (1)	298194	8.527	306852	8.527	97	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	650790	10.308	724944	10.307	90	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	570743	14.685	638661	14.685	89	60 - 140	0.0000	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Duplicate (B252689-DUP1)			Lab File ID: G2005023.D			Analyzed: 02/20/20 01:59			
Bromochloromethane (1)	296802	8.527	306852	8.527	97	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	642841	10.307	724944	10.307	89	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	558447	14.685	638661	14.685	87	60 - 140	0.0000	+/-0.50	
EXT-UP (20B0716-09)			Lab File ID: G2005024.D			Analyzed: 02/20/20 02:42			
Bromochloromethane (1)	297706	8.527	306852	8.527	97	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	649195	10.308	724944	10.307	90	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	578187	14.685	638661	14.685	91	60 - 140	0.0000	+/-0.50	
EXT-DOWN (20B0716-10)			Lab File ID: G2005025.D			Analyzed: 02/20/20 03:25			
Bromochloromethane (1)	298115	8.528	306852	8.527	97	60 - 140	0.0010	+/-0.50	
1,4-Difluorobenzene (1)	654180	10.308	724944	10.307	90	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	588692	14.685	638661	14.685	92	60 - 140	0.0000	+/-0.50	
VP-1 (20B0716-01RE1)			Lab File ID: G2005033.D			Analyzed: 02/20/20 09:06			
Bromochloromethane (1)	302695	8.528	306852	8.527	99	60 - 140	0.0010	+/-0.50	
1,4-Difluorobenzene (1)	652891	10.308	724944	10.307	90	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	591100	14.685	638661	14.685	93	60 - 140	0.0000	+/-0.50	
INT-2 (20B0716-07RE1)			Lab File ID: G2005034.D			Analyzed: 02/20/20 09:46			
Bromochloromethane (1)	297275	8.534	306852	8.527	97	60 - 140	0.0070	+/-0.50	
1,4-Difluorobenzene (1)	641703	10.308	724944	10.307	89	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	564702	14.685	638661	14.685	88	60 - 140	0.0000	+/-0.50	
INT-3 (20B0716-08RE1)			Lab File ID: G2005035.D			Analyzed: 02/20/20 10:26			
Bromochloromethane (1)	293231	8.534	306852	8.527	96	60 - 140	0.0070	+/-0.50	
1,4-Difluorobenzene (1)	631751	10.308	724944	10.307	87	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	545749	14.685	638661	14.685	85	60 - 140	0.0000	+/-0.50	

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CONTINUING CALIBRATION CHECK

EPA TO-15

S045821-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	5.00	5.64	0.9038238	1.018857		12.7	30
Benzene	A	5.00	4.31	1.014039	0.8743075		-13.8	30
Benzyl chloride	A	5.00	4.37	1.098046	0.959738		-12.6	30
Bromodichloromethane	A	5.00	4.51	0.7248413	0.6540996		-9.8	30
Bromoform	A	5.00	5.02	0.4798376	0.4816352		0.4	30
Bromomethane	A	5.00	4.36	0.5754725	0.5016047		-12.8	30
1,3-Butadiene	A	5.00	4.79	0.5228144	0.5004263		-4.3	30
2-Butanone (MEK)	A	5.00	4.70	1.4656	1.377529		-6.0	30
Carbon Disulfide	A	5.00	4.20	2.135681	1.791884		-16.1	30
Carbon Tetrachloride	A	5.00	4.65	0.5401362	0.50226		-7.0	30
Chlorobenzene	A	5.00	4.49	0.8895419	0.7983403		-10.3	30
Chloroethane	A	5.00	4.53	0.3436145	0.3113058		-9.4	30
Chloroform	A	5.00	4.34	1.593363	1.38132		-13.3	30
Chloromethane	A	5.00	4.58	0.6540095	0.5989493		-8.4	30
Cyclohexane	A	5.00	4.10	0.4352577	0.3565318		-18.1	30
Dibromochloromethane	A	5.00	4.86	0.5939169	0.577884		-2.7	30
1,2-Dibromoethane (EDB)	A	5.00	4.63	0.6105552	0.5654731		-7.4	30
1,2-Dichlorobenzene	A	5.00	4.32	0.6677878	0.5770147		-13.6	30
1,3-Dichlorobenzene	A	5.00	4.43	0.7185457	0.6367597		-11.4	30
1,4-Dichlorobenzene	A	5.00	4.40	0.7255429	0.6380098		-12.1	30
Dichlorodifluoromethane (Freon 12)	A	5.00	5.10	1.600799	1.631953		1.9	30
1,1-Dichloroethane	A	5.00	4.25	1.423605	1.210767		-15.0	30
1,2-Dichloroethane	A	5.00	4.62	1.028122	0.9493358		-7.7	30
1,1-Dichloroethylene	A	5.00	4.49	1.209603	1.087268		-10.1	30
cis-1,2-Dichloroethylene	A	5.00	4.37	1.04116	0.9104376		-12.6	30
trans-1,2-Dichloroethylene	A	5.00	4.37	1.067233	0.9335054		-12.5	30
1,2-Dichloropropane	A	5.00	4.36	0.3735819	0.3258359		-12.8	30
cis-1,3-Dichloropropene	A	5.00	4.30	0.598896	0.5145402		-14.1	30
trans-1,3-Dichloropropene	A	5.00	4.45	0.4951708	0.4407336		-11.0	30
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 1	A	5.00	4.81	1.603458	1.543921		-3.7	30
1,4-Dioxane	A	5.00	4.36	0.1786681	0.1556335		-12.9	30
Ethanol	A	5.00	5.32	0.1333498	0.141796		6.3	30
Ethyl Acetate	A	5.00	4.50	0.2688611	0.2420555		-10.0	30
Ethylbenzene	A	5.00	4.75	1.551795	1.474625		-5.0	30
4-Ethyltoluene	A	5.00	4.68	1.503853	1.407958		-6.4	30
Heptane	A	5.00	4.47	0.3173761	0.2839855		-10.5	30
Hexachlorobutadiene	A	5.00	4.00	0.3908621	0.3125589		-20.0	30
Hexane	L	5.00	5.59	0.9147459	0.8509014		11.8	30

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CONTINUING CALIBRATION CHECK

EPA TO-15

S045821-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
2-Hexanone (MBK)	A	5.00	5.20	0.6903562	0.7180799		4.0	30
Isopropanol	A	5.00	5.08	0.9862453	1.001364		1.5	30
Methyl tert-Butyl Ether (MTBE)	A	5.00	4.54	2.005284	1.822054		-9.1	30
Methylene Chloride	A	5.00	4.54	0.8560843	0.7776101		-9.2	30
4-Methyl-2-pentanone (MIBK)	A	5.00	4.82	0.7339692	0.7074555		-3.6	30
Naphthalene	A	5.00	4.31	1.234761	1.063503		-13.9	30
Propene	A	5.00	4.78	0.5882009	0.562069		-4.4	30
Styrene	A	5.00	4.68	0.8314466	0.779075		-6.3	30
1,1,2,2-Tetrachloroethane	A	5.00	4.32	0.958853	0.8283932		-13.6	30
Tetrachloroethylene	A	5.00	4.46	0.4443323	0.3962666		-10.8	30
Tetrahydrofuran	A	5.00	4.47	0.2974593	0.2661557		-10.5	30
Toluene	A	5.00	4.73	1.207947	1.143079		-5.4	30
1,2,4-Trichlorobenzene	A	5.00	4.02	0.4657953	0.3747541		-19.5	30
1,1,1-Trichloroethane	A	5.00	4.58	0.6076032	0.5564722		-8.4	30
1,1,2-Trichloroethane	A	5.00	4.64	0.4142106	0.3840034		-7.3	30
Trichloroethylene	A	5.00	4.36	0.4123623	0.3597961		-12.7	30
Trichlorofluoromethane (Freon 11)	A	5.00	5.15	1.305977	1.34602		3.1	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	A	5.00	4.35	1.416312	1.232203		-13.0	30
1,2,4-Trimethylbenzene	A	5.00	4.76	1.196276	1.138484		-4.8	30
1,3,5-Trimethylbenzene	A	5.00	4.94	1.217495	1.202912		-1.2	30
Vinyl Acetate	A	5.00	3.88	2.001453	1.554344		-22.3	30
Vinyl Chloride	A	5.00	4.62	0.7069786	0.6526351		-7.7	30
m&p-Xylene	A	10.0	9.66	1.17503	1.134921		-3.4	30
o-Xylene	A	5.00	4.88	1.200604	1.172496		-2.3	30

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

* Values outside of QC limits

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA TO-15 in Air	
Acetone	AIHA,NY,ME,NH
Benzene	AIHA,FL,NJ,NY,ME,NH,VA
Benzyl chloride	AIHA,FL,NJ,NY,ME,NH,VA
Bromodichloromethane	AIHA,NJ,NY,ME,NH,VA
Bromoform	AIHA,NJ,NY,ME,NH,VA
Bromomethane	AIHA,FL,NJ,NY,ME,NH
1,3-Butadiene	AIHA,NJ,NY,ME,NH,VA
2-Butanone (MEK)	AIHA,FL,NJ,NY,ME,NH,VA
Carbon Disulfide	AIHA,NJ,NY,ME,NH,VA
Carbon Tetrachloride	AIHA,FL,NJ,NY,ME,NH,VA
Chlorobenzene	AIHA,FL,NJ,NY,ME,NH,VA
Chloroethane	AIHA,FL,NJ,NY,ME,NH,VA
Chloroform	AIHA,FL,NJ,NY,ME,NH,VA
Chloromethane	AIHA,FL,NJ,NY,ME,NH,VA
Cyclohexane	AIHA,NJ,NY,ME,NH,VA
Dibromochloromethane	AIHA,NY,ME,NH
1,2-Dibromoethane (EDB)	AIHA,NJ,NY,ME,NH
1,2-Dichlorobenzene	AIHA,FL,NJ,NY,ME,NH,VA
1,3-Dichlorobenzene	AIHA,NJ,NY,ME,NH
1,4-Dichlorobenzene	AIHA,FL,NJ,NY,ME,NH,VA
Dichlorodifluoromethane (Freon 12)	AIHA,NY,ME,NH
1,1-Dichloroethane	AIHA,FL,NJ,NY,ME,NH,VA
1,2-Dichloroethane	AIHA,FL,NJ,NY,ME,NH,VA
1,1-Dichloroethylene	AIHA,FL,NJ,NY,ME,NH,VA
cis-1,2-Dichloroethylene	AIHA,FL,NY,ME,NH,VA
trans-1,2-Dichloroethylene	AIHA,NJ,NY,ME,NH,VA
1,2-Dichloropropane	AIHA,FL,NJ,NY,ME,NH,VA
cis-1,3-Dichloropropene	AIHA,FL,NJ,NY,ME,NH,VA
trans-1,3-Dichloropropene	AIHA,NY,ME,NH
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	AIHA,NJ,NY,ME,NH,VA
1,4-Dioxane	AIHA,NJ,NY,ME,NH,VA
Ethanol	AIHA
Ethyl Acetate	AIHA
Ethylbenzene	AIHA,FL,NJ,NY,ME,NH,VA
4-Ethyltoluene	AIHA,NJ
Heptane	AIHA,NJ,NY,ME,NH,VA
Hexachlorobutadiene	AIHA,NJ,NY,ME,NH,VA
Hexane	AIHA,FL,NJ,NY,ME,NH,VA
2-Hexanone (MBK)	AIHA
Isopropanol	AIHA,NY,ME,NH
Methyl tert-Butyl Ether (MTBE)	AIHA,FL,NJ,NY,ME,NH,VA
Methylene Chloride	AIHA,FL,NJ,NY,ME,NH,VA
4-Methyl-2-pentanone (MIBK)	AIHA,FL,NJ,NY,ME,NH
Naphthalene	NY,ME,NH
Propene	AIHA
Styrene	AIHA,FL,NJ,NY,ME,NH,VA
1,1,2,2-Tetrachloroethane	AIHA,FL,NJ,NY,ME,NH,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA TO-15 in Air	
Tetrachloroethylene	AIHA,FL,NJ,NY,ME,NH,VA
Tetrahydrofuran	AIHA
Toluene	AIHA,FL,NJ,NY,ME,NH,VA
1,2,4-Trichlorobenzene	AIHA,NJ,NY,ME,NH,VA
1,1,1-Trichloroethane	AIHA,FL,NJ,NY,ME,NH,VA
1,1,2-Trichloroethane	AIHA,FL,NJ,NY,ME,NH,VA
Trichloroethylene	AIHA,FL,NJ,NY,ME,NH,VA
Trichlorofluoromethane (Freon 11)	AIHA,NY,ME,NH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	AIHA,NJ,NY,ME,NH,VA
1,2,4-Trimethylbenzene	AIHA,NJ,NY,ME,NH
1,3,5-Trimethylbenzene	AIHA,NJ,NY,ME,NH
Vinyl Acetate	AIHA,FL,NJ,NY,ME,NH,VA
Vinyl Chloride	AIHA,FL,NJ,NY,ME,NH,VA
m&p-Xylene	AIHA,FL,NJ,NY,ME,NH,VA
o-Xylene	AIHA,FL,NJ,NY,ME,NH,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2022
MA	Massachusetts DEP	M-MA100	06/30/2020
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2021
NY	New York State Department of Health	10899 NELAP	04/1/2020
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2021
RI	Rhode Island Department of Health	LAO00112	12/30/2020
NC	North Carolina Div. of Water Quality	652	12/31/2020
NJ	New Jersey DEP	MA007 NELAP	06/30/2020
FL	Florida Department of Health	E871027 NELAP	06/30/2020
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2020
ME	State of Maine	2011028	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2020
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2020
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2020
NC-DW	North Carolina Department of Health	25703	07/31/2020
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2020

con-test ANALYTICAL LABORATORY
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CHAIN OF CUSTODY RECORD (AIR)

NHM

Company Name:	HRP Assoc Inc
Address:	197 Scott Swamp Rd
Phone:	Farmington CT 06032
Project Name:	2 Halsey Rd
Project Location:	Whitesboro, NY
Project Number:	WHI6522GW
Project Manager:	Brian Conway
Con-Test Quote Name/Number:	
Invoice Recipient:	HRP Assoc Inc
Sampled By:	KG

Requested Turnaround Time
7-Day ☐ 10-Day ☐
Due Date:

Rush-Approval Required
1-Day ☐ 3-Day ☒
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☐ EXCEL ☐
Other:
CLP Like Data Pkg Required: ☐
Email To: EDDohrpassociates.com
Fax To #:

ANALYSIS REQUESTED

Lab Use	Client Use	Collection Data		Duration	Flow Rate	Matrix	Volume	TO-15				" Hg			Please fill out completely, sign, date and retain the yellow copy for your records. Summa canisters and flow controllers must be returned within 15 days of receipt or rental fees will apply. For summa canister and flow controller information please refer to Con-Test's Air Media Agreement	
Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Total Minutes Sampled	☐ m³/min ☒ L/min	Code	☒ Liters ☐ m³					Initial Pressure	Final Pressure	Lab Receipt Pressure	Summa Can ID	Flow Controller ID
1	VP-1	2/13/20 2:53	2/13/20 6:58	240	.0025	SG	6L	X				29	9	-10.1	BC2467	4609
2	VP-2	2/13/20 2:55	2/13/20 7:00									30	8	-9.4	BC2468	4642
3	VP-3	2/13/20 2:57	2/13/20 7:06									27	6	-9.2	BC2442	4614
4	VP-4	2/13/20 3:00	2/13/20 7:09									27	6	-8.5	BC2459	4632
5	VP-5	2/13/20 3:02	2/13/20 7:12									28	6	-7.9	BC2477	4612
6	INT-1	2/13/20 3:06	2/13/20 7:17									28	7	-7.6	BC2450	4648
7	INT-2	2/13/20 3:09	2/13/20 7:15									30	9	-9.6	BC2453	4647
8	INT-3	2/13/20 3:12	2/13/20 7:14									30	9	-9.8	BC2461	4645
9	EXT-UP	2/13/20 3:19	2/13/20 7:38									28	8	-9.7	BC2454 2468	4650 4621

Comments:

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Matrix Codes:
SG = SOIL GAS
IA = INDOOR AIR
AMB = AMBIENT
SS = SUB SLAB
D = DUP
BL = BLANK
O = Other_____

Relinquished by: (signature)	Date/Time: 2-17-20 / 1015
Received by: (signature) Tom Mani	Date/Time: 2/17/2020 1015
Relinquished by: (signature) Tom Mani	Date/Time: 2/17/2020 1545
Received by: (signature)	Date/Time: 2/17/2020 15:45
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements
MA
CT
Other:

Special Requirements
☐ MA MCP Required
MCP Certification Form Required
☐ CT RCP Required
RCP Certification Form Required
☐ Other

con-test ANALYTICAL LABORATORY www.contestlabs.com

NELAC and AIHA-LAP, LLC Accredited

Project Entity
☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ *AIHA-LAP, LLC*

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

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con-test ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
39 Spruce Street
East Longmeadow, MA 01028

20130716

CHAIN OF CUSTODY RECORD (AIR)

Company Name:	HRP Assoc Inc
Address:	197 Scott Swamp Rd
Phone:	FARMINGTON CT 06032
Project Name:	2 Halsey Rd
Project Location:	Whitesboro NY
Project Number:	WHI 6522 GW
Project Manager:	Brian Lowry
Con-Test Quote Name/Number:	
Invoice Recipient:	HRP Assoc Inc
Sampled By:	

Requested Turnaround Time
7-Day ☐ 10-Day ☐
Due Date:

Rush Approval Required
1-Day ☐ 3-Day ☒
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☐ EXCEL ☐
Other:
CLP Like Data Pkg Required: ☐
Email To: EDD@hrpassociates.com
Fax To #:

ANALYSIS REQUESTED

TO-15

" Hg

Lab Use	Client Use	Collection Data		Duration	Flow Rate	Matrix	Volume	Initial Pressure	Final Pressure	Lab Receipt Pressure	Summa Can ID	Flow Controller ID
Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Total Minutes Sampled	☐ m³/min ☒ L/min	Code	☒ Liters ☐ m³					
10	EXT- DOWN	4/13/20 3:18	4/12/20 7:25	240	0.025	SG	6L	26	8	-9	2454 RC 2466	4650 4021

Please fill out completely, sign, date and retain the yellow copy for your records

Summa canisters and flow controllers must be returned within 15 days of receipt or rental fees will apply

For summa canister and flow controller information please refer to Con-Test's Air Media Agreement

Comments:

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Matrix Codes:
SG = SOIL GAS
IA = INDOOR AIR
AMB = AMBIENT
SS = SUB SLAB
D = DUP
BL = BLANK
O = Other_____

Relinquished by: (signature)	Date/Time: 2/17/2020 1015
Received by: (signature) Tom Mair 2/17/2020	Date/Time: 1015
Relinquished by: (signature) Tom Mair 2/17/2020	Date/Time: 1545
Received by: (signature)	Date/Time: 2/17/2020 15:45
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements
MA
CT
Other

Special Requirements
☐ MA MCP Required
MCP Certification Form Required
☐ CT RCP Required
RCP Certification Form Required
☐ Other

con-test ANALYTICAL LABORATORY www.contestlabs.com

NELAC and AIHA-LAP, LLC Accredited

Project Entity
☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ *AIHA-LAP,LLC*

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

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I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 278 Rev 6 2017

Air Media Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client HRP

Received By MP Date 2/17/20 Time 15:45

How were the samples received? In Cooler ____ On Ice ____ No Ice ____ In Box T Ambient ____ Melted Ice ____

Were samples within Temperature Compliance? 2-6°C N/A By Gun # ____ Actual Temp - ____ By Blank # ____ Actual Temp - ____

Was Custody Seal Intact? N/A Were Samples Tampered with? N/A

Was COC Relinquished ? T Does Chain Agree With Samples? T

Are there any loose caps/valves on any samples? F

Is COC in ink/ Legible? T

Did COC Include all Pertinent Information? Client T Project T Analysis T ID's T Sampler Name T Collection Dates/Times T

Are Sample Labels filled out and legible? T

Are there Rushes? T Who was notified? Tom

Samples are received within holding time? T

Proper Media Used? T Individually Certified Cans? F

Are there Trip Blanks? F Is there enough Volume? T

Containers:	#	Size	Regulator	Duration	Accessories:			
Summa Cans	10	6L	10	4Hr	Nut/Ferrule		IC Train	
Tedlar Bags					Tubing			
TO-17 Tubes					T-Connector		Shipping Charges	
Radiello					Syringe			
Pufs/TO-11s					Tedlar			

Can #'s					Reg #'s				
2467	2461				4609	4615			
2488	2468				4642	4621			
2442	2454				4618	4650			
2459					4632				
2477					4612				
2450					4648				
Unused Media					Pufs/TO-17's				

Comments:

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

June 11, 2020

Brian Lowry
HRP Associates, Inc. (Private)
197 Scott Swamp Road
Farmington, CT 06032

Project Location: 2 Halsey Rd, Whitesboro, NY
Client Job Number:
Project Number: WHI6524.GW
Laboratory Work Order Number: 20F0191

Enclosed are results of analyses for samples received by the laboratory on June 4, 2020. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kerry K. McGee
Project Manager

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con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

HRP Associates, Inc. (Private)
197 Scott Swamp Road
Farmington, CT 06032
ATTN: Brian Lowry

REPORT DATE: 6/11/2020

PURCHASE ORDER NUMBER:

PROJECT NUMBER: WHI6524.GW

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 20F0191

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 2 Halsey Rd, Whitesboro, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-02	20F0191-01	Ground Water		SW-846 8260C-D	
MW-03	20F0191-02	Ground Water		SW-846 8260C-D	
MW-04	20F0191-03	Ground Water		SW-846 8260C-D	
MW-05	20F0191-04	Ground Water		SW-846 8260C-D	
MW-06	20F0191-05	Ground Water		SW-846 8260C-D	
MW-07B	20F0191-06	Ground Water		SW-846 8260C-D	
MW-07C	20F0191-07	Ground Water		SW-846 8260C-D	
MW-08	20F0191-08	Ground Water		SW-846 8260C-D	
MW-09	20F0191-09	Ground Water		SW-846 8260C-D	
MW-10	20F0191-10	Ground Water		SW-846 8260C-D	
MW-12	20F0191-11	Ground Water		SW-846 8260C-D	
MW-13	20F0191-12	Ground Water		SW-846 8260C-D	
MW-14	20F0191-13	Ground Water		SW-846 8260C-D	
RW-1	20F0191-14	Ground Water		SW-846 8260C-D	
Dup	20F0191-15	Ground Water		SW-846 8260C-D	
EB	20F0191-16	Equipment Blank Water		SW-846 8260C-D	
TB	20F0191-17	Trip Blank Water		SW-846 8260C-D	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

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

SW-846 8260C-D

Qualifications:

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

20F0191-01[MW-02]

V-05

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

Analyte & Samples(s) Qualified:

Chloromethane
20F0191-01[MW-02], 20F0191-02[MW-03], 20F0191-03[MW-04], 20F0191-04[MW-05], 20F0191-05[MW-06], 20F0191-06[MW-07B], 20F0191-07[MW-07C], 20F0191-08[MW-08], 20F0191-09[MW-09], 20F0191-10[MW-10], 20F0191-11[MW-12], 20F0191-12[MW-13], 20F0191-13[MW-14], 20F0191-14[RW-1], 20F0191-15[Dup], 20F0191-16[EB], 20F0191-17[TB], B259366-BLK1, B259366-BS1, B259366-BSD1, S049132-CCV1

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



Lisa A. Worthington
Technical Representative

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: MW-02 | Sampled: 6/2/2020 17:52

Sample ID: 20F0191-01

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
Bromodichloromethane	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
Carbon Tetrachloride	ND	10	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
Chlorobenzene	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
Chlorodibromomethane	ND	1.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
Chloroethane	ND	4.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
Chloroform	ND	4.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
Chloromethane	ND	4.0	µg/L	2	V-05	SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
2-Chlorotoluene	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
4-Chlorotoluene	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
1,2-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
1,3-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
1,4-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
trans-1,4-Dichloro-2-butene	ND	4.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
Dichlorodifluoromethane (Freon 12)	ND	4.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
1,1-Dichloroethane	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
1,2-Dichloroethane	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
1,1-Dichloroethylene	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
cis-1,2-Dichloroethylene	210	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
trans-1,2-Dichloroethylene	2.0	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
1,2-Dichloropropane	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
1,3-Dichloropropane	ND	1.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
2,2-Dichloropropane	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
1,1-Dichloropropene	ND	4.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
cis-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
trans-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
Hexachlorobutadiene	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
Methylene Chloride	ND	10	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
Tetrachloroethylene	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
1,2,3-Trichlorobenzene	ND	10	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
1,2,4-Trichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
1,3,5-Trichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
1,1,1-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
1,1,2-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
Trichloroethylene	5.6	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
Trichlorofluoromethane (Freon 11)	ND	4.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
1,2,3-Trichloropropane	ND	4.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD
Vinyl Chloride	47	4.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 20:12	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY
Sample Description:
Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: MW-02
Sampled: 6/2/2020 17:52

Sample ID: 20F0191-01

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		91.3	70-130					6/5/20 20:12	
Toluene-d8		99.0	70-130					6/5/20 20:12	
4-Bromofluorobenzene		101	70-130					6/5/20 20:12	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: MW-03 | Sampled: 6/2/2020 15:12

Sample ID: 20F0191-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
1,1-Dichloroethane	1.8	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
cis-1,2-Dichloroethylene	3.4	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
1,1,1-Trichloroethane	3.4	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
Trichloroethylene	22	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD
Vinyl Chloride	2.5	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:05	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: MW-03 | Sampled: 6/2/2020 15:12

Sample ID: 20F0191-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		90.0	70-130					6/5/20 14:05	
Toluene-d8		98.0	70-130					6/5/20 14:05	
4-Bromofluorobenzene		98.8	70-130					6/5/20 14:05	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: MW-04 | Sampled: 6/2/2020 16:51

Sample ID: 20F0191-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
cis-1,2-Dichloroethylene	7.1	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
Tetrachloroethylene	9.3	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
Trichloroethylene	39	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2.8	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:31	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY
Sample Description:
Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: MW-04
Sampled: 6/2/2020 16:51

Sample ID: 20F0191-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		91.2	70-130					6/5/20 14:31	
Toluene-d8		98.4	70-130					6/5/20 14:31	
4-Bromofluorobenzene		97.3	70-130					6/5/20 14:31	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: MW-05 | Sampled: 6/2/2020 15:15

Sample ID: 20F0191-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
Trichloroethylene	39	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 14:57	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: MW-05 | Sampled: 6/2/2020 15:15

Sample ID: 20F0191-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		89.7	70-130					6/5/20 14:57	
Toluene-d8		96.8	70-130					6/5/20 14:57	
4-Bromofluorobenzene		98.8	70-130					6/5/20 14:57	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: MW-06 | Sampled: 6/2/2020 11:05

Sample ID: 20F0191-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:24	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: MW-06 | Sampled: 6/2/2020 11:05

Sample ID: 20F0191-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		90.8	70-130					6/5/20 15:24	
Toluene-d8		98.7	70-130					6/5/20 15:24	
4-Bromofluorobenzene		98.3	70-130					6/5/20 15:24	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: MW-07B | Sampled: 6/2/2020 13:26

Sample ID: 20F0191-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 15:50	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: MW-07B | Sampled: 6/2/2020 13:26

Sample ID: 20F0191-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		91.2	70-130					6/5/20 15:50	
Toluene-d8		97.6	70-130					6/5/20 15:50	
4-Bromofluorobenzene		98.8	70-130					6/5/20 15:50	

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

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: MW-07C | Sampled: 6/2/2020 14:59

Sample ID: 20F0191-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
cis-1,2-Dichloroethylene	17	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
Trichloroethylene	12	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:16	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: MW-07C | Sampled: 6/2/2020 14:59

Sample ID: 20F0191-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		90.6	70-130					6/5/20 16:16	
Toluene-d8		98.8	70-130					6/5/20 16:16	
4-Bromofluorobenzene		99.9	70-130					6/5/20 16:16	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: MW-08 | Sampled: 6/2/2020 18:59

Sample ID: 20F0191-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
Trichloroethylene	8.2	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:42	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: MW-08 | Sampled: 6/2/2020 18:59

Sample ID: 20F0191-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		90.2	70-130					6/5/20 16:42	
Toluene-d8		98.9	70-130					6/5/20 16:42	
4-Bromofluorobenzene		101	70-130					6/5/20 16:42	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: MW-09 | Sampled: 6/2/2020 17:40

Sample ID: 20F0191-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:08	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: MW-09 | Sampled: 6/2/2020 17:40

Sample ID: 20F0191-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		90.4	70-130					6/5/20 17:08	
Toluene-d8		100	70-130					6/5/20 17:08	
4-Bromofluorobenzene		98.5	70-130					6/5/20 17:08	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: MW-10 | Sampled: 6/2/2020 16:25

Sample ID: 20F0191-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 17:34	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: MW-10 | Sampled: 6/2/2020 16:25

Sample ID: 20F0191-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		89.0	70-130					6/5/20 17:34	
Toluene-d8		99.5	70-130					6/5/20 17:34	
4-Bromofluorobenzene		102	70-130					6/5/20 17:34	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: MW-12 | Sampled: 6/2/2020 12:30

Sample ID: 20F0191-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:01	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: MW-12 | Sampled: 6/2/2020 12:30

Sample ID: 20F0191-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		92.8	70-130					6/5/20 18:01	
Toluene-d8		102	70-130					6/5/20 18:01	
4-Bromofluorobenzene		101	70-130					6/5/20 18:01	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: MW-13 | Sampled: 6/2/2020 14:05

Sample ID: 20F0191-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:27	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: MW-13 | Sampled: 6/2/2020 14:05

Sample ID: 20F0191-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		89.7	70-130					6/5/20 18:27	
Toluene-d8		98.8	70-130					6/5/20 18:27	
4-Bromofluorobenzene		101	70-130					6/5/20 18:27	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: MW-14 | Sampled: 6/2/2020 17:05

Sample ID: 20F0191-13

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 18:53	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: MW-14 | Sampled: 6/2/2020 17:05

Sample ID: 20F0191-13

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		92.1	70-130					6/5/20 18:53	
Toluene-d8		98.6	70-130					6/5/20 18:53	
4-Bromofluorobenzene		97.8	70-130					6/5/20 18:53	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: RW-1 | Sampled: 6/2/2020 17:50

Sample ID: 20F0191-14

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
Trichloroethylene	1.1	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:19	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: RW-1 | Sampled: 6/2/2020 17:50

Sample ID: 20F0191-14

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		90.9	70-130					6/5/20 19:19	
Toluene-d8		100	70-130					6/5/20 19:19	
4-Bromofluorobenzene		101	70-130					6/5/20 19:19	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: Dup | Sampled: 6/2/2020 17:09

Sample ID: 20F0191-15

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
cis-1,2-Dichloroethylene	6.9	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
Tetrachloroethylene	9.6	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
Trichloroethylene	38	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2.5	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 19:45	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: Dup | Sampled: 6/2/2020 17:09

Sample ID: 20F0191-15

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		91.7	70-130					6/5/20 19:45	
Toluene-d8		98.8	70-130					6/5/20 19:45	
4-Bromofluorobenzene		102	70-130					6/5/20 19:45	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: EB | Sampled: 6/3/2020 14:12

Sample ID: 20F0191-16

Sample Matrix: Equipment Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:13	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: EB | Sampled: 6/3/2020 14:12

Sample ID: 20F0191-16

Sample Matrix: Equipment Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		89.4	70-130					6/5/20 13:13	
Toluene-d8		101	70-130					6/5/20 13:13	
4-Bromofluorobenzene		101	70-130					6/5/20 13:13	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: TB | Sampled: 6/2/2020 19:00

Sample ID: 20F0191-17

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 13:39	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0191

Date Received: 6/4/2020

Field Sample #: TB | Sampled: 6/2/2020 19:00

Sample ID: 20F0191-17

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		90.7	70-130					6/5/20 13:39	
Toluene-d8		97.5	70-130					6/5/20 13:39	
4-Bromofluorobenzene		100	70-130					6/5/20 13:39	

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Sample Extraction Data

Prep Method: SW-846 5030B **Analytical Method: SW-846 8260C-D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20F0191-01 [MW-02]	B259366	2.5	5.00	06/05/20
20F0191-02 [MW-03]	B259366	5	5.00	06/05/20
20F0191-03 [MW-04]	B259366	5	5.00	06/05/20
20F0191-04 [MW-05]	B259366	5	5.00	06/05/20
20F0191-05 [MW-06]	B259366	5	5.00	06/05/20
20F0191-06 [MW-07B]	B259366	5	5.00	06/05/20
20F0191-07 [MW-07C]	B259366	5	5.00	06/05/20
20F0191-08 [MW-08]	B259366	5	5.00	06/05/20
20F0191-09 [MW-09]	B259366	5	5.00	06/05/20
20F0191-10 [MW-10]	B259366	5	5.00	06/05/20
20F0191-11 [MW-12]	B259366	5	5.00	06/05/20
20F0191-12 [MW-13]	B259366	5	5.00	06/05/20
20F0191-13 [MW-14]	B259366	5	5.00	06/05/20
20F0191-14 [RW-1]	B259366	5	5.00	06/05/20
20F0191-15 [Dup]	B259366	5	5.00	06/05/20
20F0191-16 [EB]	B259366	5	5.00	06/05/20
20F0191-17 [TB]	B259366	5	5.00	06/05/20

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B259366 - SW-846 5030B										
Blank (B259366-BLK1)				Prepared & Analyzed: 06/05/20						
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	1.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							V-05
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Hexachlorobutadiene	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,3,5-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*22.0*		µg/L	25.0		88.1	70-130			
Surrogate: Toluene-d8	*24.9*		µg/L	25.0		99.6	70-130			
Surrogate: 4-Bromofluorobenzene	*25.5*		µg/L	25.0		102	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B259366 - SW-846 5030B											
LCS (B259366-BS1)				Prepared & Analyzed: 06/05/20							
Bromochloromethane	10.4	1.0	µg/L	10.0		104	70-130				
Bromodichloromethane	8.83	1.0	µg/L	10.0		88.3	70-130				
Carbon Tetrachloride	8.96	5.0	µg/L	10.0		89.6	70-130				
Chlorobenzene	10.3	1.0	µg/L	10.0		103	70-130				
Chlorodibromomethane	9.23	0.50	µg/L	10.0		92.3	70-130				
Chloroethane	7.93	2.0	µg/L	10.0		79.3	70-130				
Chloroform	9.05	2.0	µg/L	10.0		90.5	70-130				
Chloromethane	6.11	2.0	µg/L	10.0		61.1	40-160			V-05	†
2-Chlorotoluene	9.69	1.0	µg/L	10.0		96.9	70-130				
4-Chlorotoluene	9.54	1.0	µg/L	10.0		95.4	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	8.29	5.0	µg/L	10.0		82.9	70-130				
1,2-Dichlorobenzene	10.0	1.0	µg/L	10.0		100	70-130				
1,3-Dichlorobenzene	10.0	1.0	µg/L	10.0		100	70-130				
1,4-Dichlorobenzene	9.78	1.0	µg/L	10.0		97.8	70-130				
trans-1,4-Dichloro-2-butene	7.72	2.0	µg/L	10.0		77.2	70-130				
Dichlorodifluoromethane (Freon 12)	8.90	2.0	µg/L	10.0		89.0	40-160				†
1,1-Dichloroethane	8.14	1.0	µg/L	10.0		81.4	70-130				
1,2-Dichloroethane	7.60	1.0	µg/L	10.0		76.0	70-130				
1,1-Dichloroethylene	8.37	1.0	µg/L	10.0		83.7	70-130				
cis-1,2-Dichloroethylene	8.21	1.0	µg/L	10.0		82.1	70-130				
trans-1,2-Dichloroethylene	8.25	1.0	µg/L	10.0		82.5	70-130				
1,2-Dichloropropane	8.60	1.0	µg/L	10.0		86.0	70-130				
1,3-Dichloropropane	9.02	0.50	µg/L	10.0		90.2	70-130				
2,2-Dichloropropane	9.17	1.0	µg/L	10.0		91.7	40-130				†
1,1-Dichloropropene	9.23	2.0	µg/L	10.0		92.3	70-130				
cis-1,3-Dichloropropene	8.89	0.50	µg/L	10.0		88.9	70-130				
trans-1,3-Dichloropropene	8.44	0.50	µg/L	10.0		84.4	70-130				
Hexachlorobutadiene	7.80	1.0	µg/L	10.0		78.0	70-130				
Methylene Chloride	7.82	5.0	µg/L	10.0		78.2	70-130				
1,1,1,2-Tetrachloroethane	9.67	1.0	µg/L	10.0		96.7	70-130				
1,1,2,2-Tetrachloroethane	10.3	0.50	µg/L	10.0		103	70-130				
Tetrachloroethylene	9.93	1.0	µg/L	10.0		99.3	70-130				
1,2,3-Trichlorobenzene	9.19	5.0	µg/L	10.0		91.9	70-130				
1,2,4-Trichlorobenzene	9.01	1.0	µg/L	10.0		90.1	70-130				
1,3,5-Trichlorobenzene	8.92	1.0	µg/L	10.0		89.2	70-130				
1,1,1-Trichloroethane	9.40	1.0	µg/L	10.0		94.0	70-130				
1,1,2-Trichloroethane	9.47	1.0	µg/L	10.0		94.7	70-130				
Trichloroethylene	10.1	1.0	µg/L	10.0		101	70-130				
Trichlorofluoromethane (Freon 11)	8.58	2.0	µg/L	10.0		85.8	70-130				
1,2,3-Trichloropropane	9.44	2.0	µg/L	10.0		94.4	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1	1.0	µg/L	10.0		101	70-130				
Vinyl Chloride	7.64	2.0	µg/L	10.0		76.4	40-160				†
Surrogate: 1,2-Dichloroethane-d4	*22.2*		µg/L	25.0		88.7	70-130				
Surrogate: Toluene-d8	*24.5*		µg/L	25.0		98.0	70-130				
Surrogate: 4-Bromofluorobenzene	*25.2*		µg/L	25.0		101	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B259366 - SW-846 5030B											
LCS Dup (B259366-BSD1)				Prepared & Analyzed: 06/05/20							
Bromochloromethane	10.3	1.0	µg/L	10.0		103	70-130	0.387	25		
Bromodichloromethane	8.64	1.0	µg/L	10.0		86.4	70-130	2.18	25		
Carbon Tetrachloride	9.22	5.0	µg/L	10.0		92.2	70-130	2.86	25		
Chlorobenzene	10.3	1.0	µg/L	10.0		103	70-130	0.194	25		
Chlorodibromomethane	9.10	0.50	µg/L	10.0		91.0	70-130	1.42	25		
Chloroethane	7.76	2.0	µg/L	10.0		77.6	70-130	2.17	25		
Chloroform	9.14	2.0	µg/L	10.0		91.4	70-130	0.990	25		
Chloromethane	6.20	2.0	µg/L	10.0		62.0	40-160	1.46	25	V-05	†
2-Chlorotoluene	9.88	1.0	µg/L	10.0		98.8	70-130	1.94	25		
4-Chlorotoluene	9.70	1.0	µg/L	10.0		97.0	70-130	1.66	25		
1,2-Dibromo-3-chloropropane (DBCP)	8.23	5.0	µg/L	10.0		82.3	70-130	0.726	25		
1,2-Dichlorobenzene	9.71	1.0	µg/L	10.0		97.1	70-130	3.04	25		
1,3-Dichlorobenzene	9.90	1.0	µg/L	10.0		99.0	70-130	1.01	25		
1,4-Dichlorobenzene	9.92	1.0	µg/L	10.0		99.2	70-130	1.42	25		
trans-1,4-Dichloro-2-butene	7.38	2.0	µg/L	10.0		73.8	70-130	4.50	25		
Dichlorodifluoromethane (Freon 12)	8.73	2.0	µg/L	10.0		87.3	40-160	1.93	25		†
1,1-Dichloroethane	8.54	1.0	µg/L	10.0		85.4	70-130	4.80	25		
1,2-Dichloroethane	7.33	1.0	µg/L	10.0		73.3	70-130	3.62	25		
1,1-Dichloroethylene	8.39	1.0	µg/L	10.0		83.9	70-130	0.239	25		
cis-1,2-Dichloroethylene	8.31	1.0	µg/L	10.0		83.1	70-130	1.21	25		
trans-1,2-Dichloroethylene	8.48	1.0	µg/L	10.0		84.8	70-130	2.75	25		
1,2-Dichloropropane	8.64	1.0	µg/L	10.0		86.4	70-130	0.464	25		
1,3-Dichloropropane	8.67	0.50	µg/L	10.0		86.7	70-130	3.96	25		
2,2-Dichloropropane	10.1	1.0	µg/L	10.0		101	40-130	10.0	25		†
1,1-Dichloropropene	9.50	2.0	µg/L	10.0		95.0	70-130	2.88	25		
cis-1,3-Dichloropropene	8.64	0.50	µg/L	10.0		86.4	70-130	2.85	25		
trans-1,3-Dichloropropene	8.73	0.50	µg/L	10.0		87.3	70-130	3.38	25		
Hexachlorobutadiene	7.78	1.0	µg/L	10.0		77.8	70-130	0.257	25		
Methylene Chloride	7.72	5.0	µg/L	10.0		77.2	70-130	1.29	25		
1,1,1,2-Tetrachloroethane	9.96	1.0	µg/L	10.0		99.6	70-130	2.95	25		
1,1,2,2-Tetrachloroethane	10.1	0.50	µg/L	10.0		101	70-130	1.96	25		
Tetrachloroethylene	10.0	1.0	µg/L	10.0		100	70-130	0.702	25		
1,2,3-Trichlorobenzene	9.22	5.0	µg/L	10.0		92.2	70-130	0.326	25		
1,2,4-Trichlorobenzene	9.33	1.0	µg/L	10.0		93.3	70-130	3.49	25		
1,3,5-Trichlorobenzene	9.13	1.0	µg/L	10.0		91.3	70-130	2.33	25		
1,1,1-Trichloroethane	9.66	1.0	µg/L	10.0		96.6	70-130	2.73	25		
1,1,2-Trichloroethane	9.26	1.0	µg/L	10.0		92.6	70-130	2.24	25		
Trichloroethylene	10.2	1.0	µg/L	10.0		102	70-130	1.48	25		
Trichlorofluoromethane (Freon 11)	9.28	2.0	µg/L	10.0		92.8	70-130	7.84	25		
1,2,3-Trichloropropane	9.73	2.0	µg/L	10.0		97.3	70-130	3.03	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.97	1.0	µg/L	10.0		99.7	70-130	1.49	25		
Vinyl Chloride	7.86	2.0	µg/L	10.0		78.6	40-160	2.84	25		†
Surrogate: 1,2-Dichloroethane-d4	*22.3*		µg/L	25.0		89.3	70-130				
Surrogate: Toluene-d8	*24.5*		µg/L	25.0		98.1	70-130				
Surrogate: 4-Bromofluorobenzene	*25.4*		µg/L	25.0		102	70-130				

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
RL-11	Elevated reporting limit due to high concentration of target compounds.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C-D in Water	
Bromochloromethane	NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
2-Chlorotoluene	NY,ME,VA
4-Chlorotoluene	NY,ME,VA
1,2-Dibromo-3-chloropropane (DBCP)	NY
1,2-Dichlorobenzene	CT,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
trans-1,4-Dichloro-2-butene	NH,NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,3-Dichloropropane	NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
Hexachlorobutadiene	CT,NH,NY,ME,VA
Methylene Chloride	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
Tetrachloroethylene	NY,ME,VA
1,2,3-Trichlorobenzene	NH,NY,ME,VA
1,2,4-Trichlorobenzene	CT,NH,NY,ME,VA
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY,VA
Vinyl Chloride	CT,NH,NY,ME,VA

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The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2022
MA	Massachusetts DEP	M-MA100	06/30/2020
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2021
NY	New York State Department of Health	10899 NELAP	04/1/2021
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2021
RI	Rhode Island Department of Health	LAO00112	12/30/2020
NC	North Carolina Div. of Water Quality	652	12/31/2020
NJ	New Jersey DEP	MA007 NELAP	06/30/2020
FL	Florida Department of Health	E871027 NELAP	06/30/2020
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2021
ME	State of Maine	2011028	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2020
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2020
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2020
NC-DW	North Carolina Department of Health	25703	07/31/2020
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2020

20F0191

con-test ANALYTICAL LABORATORY

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Email: info@contestlabs.com

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 2_06262019

Page 1 of 1

Company Name:	HRP Assoc Inc
Address:	197 South Swamp Rd
Phone:	Farmington CT 06032
Project Name:	2 Halsey Rd
Project Location:	Whitesboro, NY
Project Number:	WHI 6924GW
Project Manager:	Brian Lowry
Con-Test Quote Name/Number:	
Invoice Recipient:	HRP Assoc Inc
Sampled By:	CJC, EG, LB

Requested Turnaround Time

7-Day ☐ 10-Day ☐
PFAS 10-Day (std) ☐ Due Date: 5-day

Rush Approval Required

1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Dissolved Metals Samples

○ Field Filtered
○ Lab to Filter

Orthophosphate Samples

○ Field Filtered
○ Lab to Filter

Data Delivery

Format: PDF ☐ EXCEL ☐
Other:
CLP Like Data Pkg Required: ☐
Email To: EDS@hrpAssociates.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1] Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	H Chlorinated VOCs 8260
1	MW-02	6/2/20	5:52	G	GW	L	3					X
2	MW-03		3:12									
3	MW-04		4:51									
4	MW-05		3:15									
5	MW-06		11:05									
6	MW-07B		1:26									
7	MW-07C		2:59									
8	MW-08		6:59									
9	MW-09		5:40									
10	MW-10		4:25									

[2] Preservation Code

Courier Use Only

Total Number Of:

VIALS
GLASS
PLASTIC
BACTERIA
ENCORE

Glassware in the fridge? Y / N

Glassware in freezer? Y / N

Prepackaged Cooler? Y / N

*Contest is not responsible for missing samples from prepacked coolers

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time: 6/4/20 10:55
Relinquished by: (signature)	Date/Time: 6/4/20 6:15
Received by: (signature)	Date/Time: 6/4/20 1805
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Client Comments:

Detection Limit Requirements

MA
GW
Other: NY GA

Special Requirements

☐ MA MCP Required
MCP Certification Form Required
☐ CT RCP Required
RCP Certification Form Required
☐ MA State DW Required
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity

Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ 21 J ☐ School ☐
City ☐ Brownfield ☐ MBTA ☐

Other

☐ Chromatogram
☐ *AIHA-LAP,LLC*

PCB ONLY

☐ Soxhlet
☐ Non Soxhlet

Comments:

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine wha analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Co Test values your partnership on each project and will try to assist with missing information, but will not held accountable.

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20F0121

con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 2_06262019

Company Name:	HRP Assoc Inc
Address:	197 Scott Swamp Rd
Phone:	Farmington, CT
Project Name:	2 Hakey Rd
Project Location:	Whitesboro, NY
Project Number:	WHI6524GW
Project Manager:	Brian Lowry
Con-Test Quote Name/Number:	
Invoice Recipient:	HRP Assoc Inc
Sampled By:	CWG, LB

Requested Turnaround Time

7-Day ☐ 10-Day ☐
PFAS 10-Day (std) ☐ Due Date: 5-day

Rush Approval Required

1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Dissolved Metals Samples

○ Field Filtered
○ Lab to Filter

Orthophosphate Samples

○ Field Filtered
○ Lab to Filter

Data Delivery

Format: PDF ☐ EXCEL ☐
Other:
CLP Like Data Pkg Required: ☐
Email To: EDD@hrpassociates.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1] Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	H
11	MW-12	6/2/20	12:30	G	GW	U	3					X
12	MW-13		2:05									
13	MW-14		5:05									
14	RW-1		5:50									
15	Dup		5:09									
16	EB	6/3/20	2:12			C						
17	TB	6/2/20	7:00	G			2					

Chlorinated VOC's 8260

[2] Preservation Code

Courier Use Only

Total Number Of:

VIALS_____
GLASS_____
PLASTIC_____
BACTERIA_____
ENCORE_____

Glassware in the fridge? Y / N

Glassware in freezer? Y / N

Prepackaged Cooler? Y / N

*Contest is not responsible for missing samples from prepacked coolers

[1] **Matrix Codes:**
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Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time: 6/4/20 10:55
Relinquished by: (signature)	Date/Time: 6/4/20 6:15
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Client Comments:

Detection Limit Requirements

MA
CT
Other: NYGA

Special Requirements

☐ MA MCP Required
MCP Certification Form Required
☐ CT RCP Required
RCP Certification Form Required
☐ MA State DW Required
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity

Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ 21 J ☐ School ☐
City ☐ Brownfield ☐ MBTA ☐

Other

☐ Chromatogram
☐ *AIHA-LAP,LLC*

PCB ONLY

☐ Soxhlet
☐ Non Soxhlet

Comments:

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine wha analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con Test values your partnership on each project and will try to assist with missing information, but will not b held accountable.

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I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client HRP

Received By [redacted] Date 6/4/20 Time 1815

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____ Direct from Sampling _____ Ambient _____ Melted Ice _____

Were samples within Temperature? 2-6°C T By Gun # 2 Actual Temp - 3.0 By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? n/a Were Samples Tampered with? n/a

Was COC Relinquished ? T Does Chain Agree With Samples? T

Are there broken/leaking/loose caps on any samples? F

Is COC in ink/ Legible? T Were samples received within holding time? T

Did COC include all pertinent Information? Client T Project T Analysis ID's T Sampler Name T Collection Dates/Times T

Are Sample labels filled out and legible? T

Are there Lab to Filters? F Who was notified? _____

Are there Rushes? F Who was notified? _____

Are there Short Holds? F Who was notified? _____

Is there enough Volume? T

Is there Headspace where applicable? T MS/MSD? F

Proper Media/Containers Used? T Is splitting samples required? F

Were trip blanks received? T On COC? T

Do all samples have the proper pH? Acid n/a Base n/a

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-	50	500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

June 11, 2020

Brian Lowry
HRP Associates, Inc. (Private)
197 Scott Swamp Road
Farmington, CT 06032

Project Location: 2 Halsey Rd, Whitesboro, NY
Client Job Number:
Project Number: WHI6524.GW
Laboratory Work Order Number: 20F0192

Enclosed are results of analyses for samples received by the laboratory on June 4, 2020. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kerry K. McGee
Project Manager

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con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

HRP Associates, Inc. (Private)
197 Scott Swamp Road
Farmington, CT 06032
ATTN: Brian Lowry

REPORT DATE: 6/11/2020

PURCHASE ORDER NUMBER:

PROJECT NUMBER: WHI6524.GW

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 20F0192

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 2 Halsey Rd, Whitesboro, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
VP-6	20F0192-01	Soil Gas		EPA TO-15	
VP-7	20F0192-02	Soil Gas		EPA TO-15	
VP-8	20F0192-03	Soil Gas		EPA TO-15	
VP-9	20F0192-04	Soil Gas		EPA TO-15	
VP-10	20F0192-05	Soil Gas		EPA TO-15	
VP-11	20F0192-06	Soil Gas		EPA TO-15	
BL-1 trip blank	20F0192-07	Soil Gas		EPA TO-15	

con-test® ANALYTICAL LABORATORY

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

CASE NARRATIVE SUMMARY

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

EPA TO-15

Qualifications:

L-03

Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,2-Dichloropropane
20F0192-01[VP-6], 20F0192-02[VP-7], 20F0192-03[VP-8], 20F0192-04[VP-9], 20F0192-05[VP-10], 20F0192-06[VP- 11], 20F0192-07[BL-1 trip blank], B259797-BLK1, B259797-BS1

4-Methyl-2-pentanone (MIBK)
20F0192-01[VP-6], 20F0192-02[VP-7], 20F0192-03[VP-8], 20F0192-04[VP-9], 20F0192-05[VP-10], 20F0192-06[VP- 11], 20F0192-07[BL-1 trip blank], B259797-BLK1, B259797-BS1

Heptane
20F0192-01[VP-6], 20F0192-02[VP-7], 20F0192-03[VP-8], 20F0192-04[VP-9], 20F0192-05[VP-10], 20F0192-06[VP- 11], 20F0192-07[BL-1 trip blank], B259797-BLK1, B259797-BS1

V-05

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

Analyte & Samples(s) Qualified:

4-Methyl-2-pentanone (MIBK)
20F0192-01[VP-6], 20F0192-02[VP-7], 20F0192-03[VP-8], 20F0192-04[VP-9], 20F0192-05[VP-10], 20F0192-06[VP- 11], 20F0192-07[BL-1 trip blank], B259797-BLK1, B259797-BS1, S049253-CCV1

Hexachlorobutadiene
20F0192-01[VP-6], 20F0192-02[VP-7], 20F0192-03[VP-8], 20F0192-04[VP-9], 20F0192-05[VP-10], 20F0192-06[VP- 11], 20F0192-07[BL-1 trip blank], B259797-BLK1, B259797-BS1, S049253-CCV1

V-06

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

Analyte & Samples(s) Qualified:

Ethanol
20F0192-01RE2[VP-6], 20F0192-02RE2[VP-7], 20F0192-03RE2[VP-8], 20F0192-04RE2[VP-9], 20F0192-05RE2[VP-10], 20F0192-06RE2[VP- 11], B259797-BS1, S049253-CCV1

Z-01

Compound fails the method requirement of 70-130% recovery for the LCS. Is classified by the lab as a difficult compound and passes the in house limits of 50-150%.

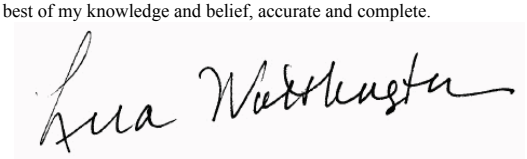
Analyte & Samples(s) Qualified:

Cyclohexane
20F0192-01[VP-6], 20F0192-02[VP-7], 20F0192-03[VP-8], 20F0192-04[VP-9], 20F0192-05[VP-10], 20F0192-06[VP- 11], 20F0192-07[BL-1 trip blank], B259797-BLK1, B259797-BS1

Ethanol
20F0192-01RE2[VP-6], 20F0192-02RE2[VP-7], 20F0192-03RE2[VP-8], 20F0192-04RE2[VP-9], 20F0192-05RE2[VP-10], 20F0192-06RE2[VP-11], B259797-BS1

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

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



Lisa A. Worthington
Technical Representative

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: 2 Halsey Rd, Whitesboro, NY
Date Received: 6/4/2020
Field Sample #: VP-6
Sample ID: 20F0192-01
Sample Matrix: Soil Gas
Sampled: 6/4/2020 17:39

Sample Description/Location:
Sub Description/Location:
Canister ID: 1196
Canister Size: 6 liter
Flow Controller ID: 4630
Sample Type: 4 hr

Work Order: 20F0192
Initial Vacuum(in Hg): -27
Final Vacuum(in Hg): -7
Receipt Vacuum(in Hg): -9.5
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Acetone	240	80		570	190	40	6/10/20 20:57	BRF
Benzene	0.31	0.20		0.98	0.64	4	6/11/20 7:20	BRF
Benzyl chloride	ND	0.20		ND	1.0	4	6/11/20 7:20	BRF
Bromodichloromethane	ND	0.20		ND	1.3	4	6/11/20 7:20	BRF
Bromoform	ND	0.20		ND	2.1	4	6/11/20 7:20	BRF
Bromomethane	ND	0.40		ND	1.6	4	6/11/20 7:20	BRF
1,3-Butadiene	ND	0.20		ND	0.44	4	6/11/20 7:20	BRF
2-Butanone (MEK)	11	8.0		33	24	4	6/11/20 7:20	BRF
Carbon Disulfide	ND	2.0		ND	6.2	4	6/11/20 7:20	BRF
Carbon Tetrachloride	ND	0.20		ND	1.3	4	6/11/20 7:20	BRF
Chlorobenzene	ND	0.20		ND	0.92	4	6/11/20 7:20	BRF
Chloroethane	ND	0.20		ND	0.53	4	6/11/20 7:20	BRF
Chloroform	ND	0.20		ND	0.98	4	6/11/20 7:20	BRF
Chloromethane	ND	0.40		ND	0.83	4	6/11/20 7:20	BRF
Cyclohexane	ND	0.20	Z-01	ND	0.69	4	6/11/20 7:20	BRF
Dibromochloromethane	ND	0.20		ND	1.7	4	6/11/20 7:20	BRF
1,2-Dibromoethane (EDB)	ND	0.20		ND	1.5	4	6/11/20 7:20	BRF
1,2-Dichlorobenzene	ND	0.20		ND	1.2	4	6/11/20 7:20	BRF
1,3-Dichlorobenzene	2.6	0.20		16	1.2	4	6/11/20 7:20	BRF
1,4-Dichlorobenzene	ND	0.20		ND	1.2	4	6/11/20 7:20	BRF
Dichlorodifluoromethane (Freon 12)	ND	0.20		ND	0.99	4	6/11/20 7:20	BRF
1,1-Dichloroethane	ND	0.20		ND	0.81	4	6/11/20 7:20	BRF
1,2-Dichloroethane	ND	0.20		ND	0.81	4	6/11/20 7:20	BRF
1,1-Dichloroethylene	ND	0.20		ND	0.79	4	6/11/20 7:20	BRF
cis-1,2-Dichloroethylene	ND	0.20		ND	0.79	4	6/11/20 7:20	BRF
trans-1,2-Dichloroethylene	ND	0.20		ND	0.79	4	6/11/20 7:20	BRF
1,2-Dichloropropane	ND	0.20	L-03	ND	0.92	4	6/11/20 7:20	BRF
cis-1,3-Dichloropropene	ND	0.20		ND	0.91	4	6/11/20 7:20	BRF
trans-1,3-Dichloropropene	ND	0.20		ND	0.91	4	6/11/20 7:20	BRF
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20		ND	1.4	4	6/11/20 7:20	BRF
1,4-Dioxane	ND	2.0		ND	7.2	4	6/11/20 7:20	BRF
Ethanol	5100	600	V-06, Z-01	9600	1100	300	6/11/20 2:38	BRF
Ethyl Acetate	ND	0.20		ND	0.72	4	6/11/20 7:20	BRF
Ethylbenzene	0.52	0.20		2.3	0.87	4	6/11/20 7:20	BRF
4-Ethyltoluene	ND	0.20		ND	0.98	4	6/11/20 7:20	BRF
Heptane	0.44	0.20	L-03	1.8	0.82	4	6/11/20 7:20	BRF
Hexachlorobutadiene	ND	0.20	V-05	ND	2.1	4	6/11/20 7:20	BRF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: 2 Halsey Rd, Whitesboro, NY
Date Received: 6/4/2020
Field Sample #: VP-6
Sample ID: 20F0192-01
Sample Matrix: Soil Gas
Sampled: 6/4/2020 17:39

Sample Description/Location:
Sub Description/Location:
Canister ID: 1196
Canister Size: 6 liter
Flow Controller ID: 4630
Sample Type: 4 hr

Work Order: 20F0192
Initial Vacuum(in Hg): -27
Final Vacuum(in Hg): -7
Receipt Vacuum(in Hg): -9.5
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Hexane	14	8.0		49	28	4	6/11/20 7:20	BRF
2-Hexanone (MBK)	ND	0.20		ND	0.82	4	6/11/20 7:20	BRF
Isopropanol	980	80		2400	200	40	6/10/20 20:57	BRF
Methyl tert-Butyl Ether (MTBE)	ND	0.20		ND	0.72	4	6/11/20 7:20	BRF
Methylene Chloride	ND	2.0		ND	6.9	4	6/11/20 7:20	BRF
4-Methyl-2-pentanone (MIBK)	ND	0.20	V-05, L-03	ND	0.82	4	6/11/20 7:20	BRF
Naphthalene	ND	0.20		ND	1.0	4	6/11/20 7:20	BRF
Propene	ND	8.0		ND	14	4	6/11/20 7:20	BRF
Styrene	ND	0.20		ND	0.85	4	6/11/20 7:20	BRF
1,1,2,2-Tetrachloroethane	ND	0.20		ND	1.4	4	6/11/20 7:20	BRF
Tetrachloroethylene	ND	0.20		ND	1.4	4	6/11/20 7:20	BRF
Tetrahydrofuran	2.6	0.20		7.7	0.59	4	6/11/20 7:20	BRF
Toluene	2.9	0.20		11	0.75	4	6/11/20 7:20	BRF
1,2,4-Trichlorobenzene	ND	0.20		ND	1.5	4	6/11/20 7:20	BRF
1,1,1-Trichloroethane	0.21	0.20		1.1	1.1	4	6/11/20 7:20	BRF
1,1,2-Trichloroethane	ND	0.20		ND	1.1	4	6/11/20 7:20	BRF
Trichloroethylene	ND	0.20		ND	1.1	4	6/11/20 7:20	BRF
Trichlorofluoromethane (Freon 11)	ND	0.80		ND	4.5	4	6/11/20 7:20	BRF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80		ND	6.1	4	6/11/20 7:20	BRF
1,2,4-Trimethylbenzene	ND	0.20		ND	0.98	4	6/11/20 7:20	BRF
1,3,5-Trimethylbenzene	ND	0.20		ND	0.98	4	6/11/20 7:20	BRF
Vinyl Acetate	ND	4.0		ND	14	4	6/11/20 7:20	BRF
Vinyl Chloride	ND	0.20		ND	0.51	4	6/11/20 7:20	BRF
m&p-Xylene	1.9	0.40		8.1	1.7	4	6/11/20 7:20	BRF
o-Xylene	0.68	0.20		3.0	0.87	4	6/11/20 7:20	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	98.8	70-130	6/11/20 7:20
4-Bromofluorobenzene (1)	98.1	70-130	6/10/20 20:57
4-Bromofluorobenzene (1)	98.0	70-130	6/11/20 2:38

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: 2 Halsey Rd, Whitesboro, NY
Date Received: 6/4/2020
Field Sample #: VP-7
Sample ID: 20F0192-02
Sample Matrix: Soil Gas
Sampled: 6/4/2020 17:42

Sample Description/Location:
Sub Description/Location:
Canister ID: 1831
Canister Size: 6 liter
Flow Controller ID: 4612
Sample Type: 4 hr

Work Order: 20F0192
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -7
Receipt Vacuum(in Hg): -8.2
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

	ppbv			ug/m3			Date/Time	
Analyte	Results	RL	Flag/Qual	Results	RL	Dilution	Analyzed	Analyst
Acetone	130	8.0		310	19	4	6/11/20 6:39	BRF
Benzene	ND	0.20		ND	0.64	4	6/11/20 6:39	BRF
Benzyl chloride	ND	0.20		ND	1.0	4	6/11/20 6:39	BRF
Bromodichloromethane	ND	0.20		ND	1.3	4	6/11/20 6:39	BRF
Bromoform	ND	0.20		ND	2.1	4	6/11/20 6:39	BRF
Bromomethane	ND	0.40		ND	1.6	4	6/11/20 6:39	BRF
1,3-Butadiene	ND	0.20		ND	0.44	4	6/11/20 6:39	BRF
2-Butanone (MEK)	25	8.0		74	24	4	6/11/20 6:39	BRF
Carbon Disulfide	ND	2.0		ND	6.2	4	6/11/20 6:39	BRF
Carbon Tetrachloride	ND	0.20		ND	1.3	4	6/11/20 6:39	BRF
Chlorobenzene	ND	0.20		ND	0.92	4	6/11/20 6:39	BRF
Chloroethane	ND	0.20		ND	0.53	4	6/11/20 6:39	BRF
Chloroform	ND	0.20		ND	0.98	4	6/11/20 6:39	BRF
Chloromethane	ND	0.40		ND	0.83	4	6/11/20 6:39	BRF
Cyclohexane	ND	0.20	Z-01	ND	0.69	4	6/11/20 6:39	BRF
Dibromochloromethane	ND	0.20		ND	1.7	4	6/11/20 6:39	BRF
1,2-Dibromoethane (EDB)	ND	0.20		ND	1.5	4	6/11/20 6:39	BRF
1,2-Dichlorobenzene	ND	0.20		ND	1.2	4	6/11/20 6:39	BRF
1,3-Dichlorobenzene	1.8	0.20		11	1.2	4	6/11/20 6:39	BRF
1,4-Dichlorobenzene	ND	0.20		ND	1.2	4	6/11/20 6:39	BRF
Dichlorodifluoromethane (Freon 12)	0.50	0.20		2.5	0.99	4	6/11/20 6:39	BRF
1,1-Dichloroethane	ND	0.20		ND	0.81	4	6/11/20 6:39	BRF
1,2-Dichloroethane	ND	0.20		ND	0.81	4	6/11/20 6:39	BRF
1,1-Dichloroethylene	ND	0.20		ND	0.79	4	6/11/20 6:39	BRF
cis-1,2-Dichloroethylene	ND	0.20		ND	0.79	4	6/11/20 6:39	BRF
trans-1,2-Dichloroethylene	ND	0.20		ND	0.79	4	6/11/20 6:39	BRF
1,2-Dichloropropane	ND	0.20	L-03	ND	0.92	4	6/11/20 6:39	BRF
cis-1,3-Dichloropropene	ND	0.20		ND	0.91	4	6/11/20 6:39	BRF
trans-1,3-Dichloropropene	ND	0.20		ND	0.91	4	6/11/20 6:39	BRF
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20		ND	1.4	4	6/11/20 6:39	BRF
1,4-Dioxane	ND	2.0		ND	7.2	4	6/11/20 6:39	BRF
Ethanol	5900	600	V-06, Z-01	11000	1100	300	6/11/20 1:54	BRF
Ethyl Acetate	ND	0.20		ND	0.72	4	6/11/20 6:39	BRF
Ethylbenzene	0.62	0.20		2.7	0.87	4	6/11/20 6:39	BRF
4-Ethyltoluene	0.24	0.20		1.2	0.98	4	6/11/20 6:39	BRF
Heptane	0.24	0.20	L-03	0.98	0.82	4	6/11/20 6:39	BRF
Hexachlorobutadiene	ND	0.20	V-05	ND	2.1	4	6/11/20 6:39	BRF

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ANALYTICAL RESULTS

Project Location: 2 Halsey Rd, Whitesboro, NY
Date Received: 6/4/2020
Field Sample #: VP-7
Sample ID: 20F0192-02
Sample Matrix: Soil Gas
Sampled: 6/4/2020 17:42

Sample Description/Location:
Sub Description/Location:
Canister ID: 1831
Canister Size: 6 liter
Flow Controller ID: 4612
Sample Type: 4 hr

Work Order: 20F0192
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -7
Receipt Vacuum(in Hg): -8.2
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Hexane	ND	8.0		ND	28	4	6/11/20 6:39	BRF
2-Hexanone (MBK)	ND	0.20		ND	0.82	4	6/11/20 6:39	BRF
Isopropanol	710	80		1700	200	40	6/10/20 20:16	BRF
Methyl tert-Butyl Ether (MTBE)	ND	0.20		ND	0.72	4	6/11/20 6:39	BRF
Methylene Chloride	ND	2.0		ND	6.9	4	6/11/20 6:39	BRF
4-Methyl-2-pentanone (MIBK)	ND	0.20	L-03, V-05	ND	0.82	4	6/11/20 6:39	BRF
Naphthalene	ND	0.20		ND	1.0	4	6/11/20 6:39	BRF
Propene	ND	8.0		ND	14	4	6/11/20 6:39	BRF
Styrene	ND	0.20		ND	0.85	4	6/11/20 6:39	BRF
1,1,2,2-Tetrachloroethane	ND	0.20		ND	1.4	4	6/11/20 6:39	BRF
Tetrachloroethylene	ND	0.20		ND	1.4	4	6/11/20 6:39	BRF
Tetrahydrofuran	3.1	0.20		9.1	0.59	4	6/11/20 6:39	BRF
Toluene	2.6	0.20		9.9	0.75	4	6/11/20 6:39	BRF
1,2,4-Trichlorobenzene	ND	0.20		ND	1.5	4	6/11/20 6:39	BRF
1,1,1-Trichloroethane	0.56	0.20		3.1	1.1	4	6/11/20 6:39	BRF
1,1,2-Trichloroethane	ND	0.20		ND	1.1	4	6/11/20 6:39	BRF
Trichloroethylene	ND	0.20		ND	1.1	4	6/11/20 6:39	BRF
Trichlorofluoromethane (Freon 11)	ND	0.80		ND	4.5	4	6/11/20 6:39	BRF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	17	0.80		130	6.1	4	6/11/20 6:39	BRF
1,2,4-Trimethylbenzene	ND	0.20		ND	0.98	4	6/11/20 6:39	BRF
1,3,5-Trimethylbenzene	0.24	0.20		1.2	0.98	4	6/11/20 6:39	BRF
Vinyl Acetate	ND	4.0		ND	14	4	6/11/20 6:39	BRF
Vinyl Chloride	ND	0.20		ND	0.51	4	6/11/20 6:39	BRF
m&p-Xylene	2.2	0.40		9.3	1.7	4	6/11/20 6:39	BRF
o-Xylene	0.89	0.20		3.9	0.87	4	6/11/20 6:39	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	97.3	70-130	6/11/20 6:39
4-Bromofluorobenzene (1)	98.8	70-130	6/10/20 20:16
4-Bromofluorobenzene (1)	99.2	70-130	6/11/20 1:54

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ANALYTICAL RESULTS

Project Location: 2 Halsey Rd, Whitesboro, NY
Date Received: 6/4/2020
Field Sample #: VP-8
Sample ID: 20F0192-03
Sample Matrix: Soil Gas
Sampled: 6/4/2020 17:45

Sample Description/Location:
Sub Description/Location:
Canister ID: 2173
Canister Size: 6 liter
Flow Controller ID: 4609
Sample Type: 4 hr

Work Order: 20F0192
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -9
Receipt Vacuum(in Hg): -9.5
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

	ppbv			ug/m3			Date/Time	
Analyte	Results	RL	Flag/Qual	Results	RL	Dilution	Analyzed	Analyst
Acetone	160	80		380	190	40	6/10/20 19:35	BRF
Benzene	0.28	0.20		0.88	0.64	4	6/11/20 5:58	BRF
Benzyl chloride	ND	0.20		ND	1.0	4	6/11/20 5:58	BRF
Bromodichloromethane	ND	0.20		ND	1.3	4	6/11/20 5:58	BRF
Bromoform	ND	0.20		ND	2.1	4	6/11/20 5:58	BRF
Bromomethane	ND	0.40		ND	1.6	4	6/11/20 5:58	BRF
1,3-Butadiene	6.4	0.20		14	0.44	4	6/11/20 5:58	BRF
2-Butanone (MEK)	25	8.0		74	24	4	6/11/20 5:58	BRF
Carbon Disulfide	ND	2.0		ND	6.2	4	6/11/20 5:58	BRF
Carbon Tetrachloride	ND	0.20		ND	1.3	4	6/11/20 5:58	BRF
Chlorobenzene	ND	0.20		ND	0.92	4	6/11/20 5:58	BRF
Chloroethane	ND	0.20		ND	0.53	4	6/11/20 5:58	BRF
Chloroform	ND	0.20		ND	0.98	4	6/11/20 5:58	BRF
Chloromethane	ND	0.40		ND	0.83	4	6/11/20 5:58	BRF
Cyclohexane	ND	0.20	Z-01	ND	0.69	4	6/11/20 5:58	BRF
Dibromochloromethane	ND	0.20		ND	1.7	4	6/11/20 5:58	BRF
1,2-Dibromoethane (EDB)	ND	0.20		ND	1.5	4	6/11/20 5:58	BRF
1,2-Dichlorobenzene	ND	0.20		ND	1.2	4	6/11/20 5:58	BRF
1,3-Dichlorobenzene	1.6	0.20		9.4	1.2	4	6/11/20 5:58	BRF
1,4-Dichlorobenzene	ND	0.20		ND	1.2	4	6/11/20 5:58	BRF
Dichlorodifluoromethane (Freon 12)	1.3	0.20		6.4	0.99	4	6/11/20 5:58	BRF
1,1-Dichloroethane	ND	0.20		ND	0.81	4	6/11/20 5:58	BRF
1,2-Dichloroethane	ND	0.20		ND	0.81	4	6/11/20 5:58	BRF
1,1-Dichloroethylene	ND	0.20		ND	0.79	4	6/11/20 5:58	BRF
cis-1,2-Dichloroethylene	ND	0.20		ND	0.79	4	6/11/20 5:58	BRF
trans-1,2-Dichloroethylene	ND	0.20		ND	0.79	4	6/11/20 5:58	BRF
1,2-Dichloropropane	ND	0.20	L-03	ND	0.92	4	6/11/20 5:58	BRF
cis-1,3-Dichloropropene	ND	0.20		ND	0.91	4	6/11/20 5:58	BRF
trans-1,3-Dichloropropene	ND	0.20		ND	0.91	4	6/11/20 5:58	BRF
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20		ND	1.4	4	6/11/20 5:58	BRF
1,4-Dioxane	ND	2.0		ND	7.2	4	6/11/20 5:58	BRF
Ethanol	4100	600	V-06, Z-01	7700	1100	300	6/11/20 1:12	BRF
Ethyl Acetate	ND	0.20		ND	0.72	4	6/11/20 5:58	BRF
Ethylbenzene	0.38	0.20		1.7	0.87	4	6/11/20 5:58	BRF
4-Ethyltoluene	ND	0.20		ND	0.98	4	6/11/20 5:58	BRF
Heptane	ND	0.20	L-03	ND	0.82	4	6/11/20 5:58	BRF
Hexachlorobutadiene	ND	0.20	V-05	ND	2.1	4	6/11/20 5:58	BRF

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ANALYTICAL RESULTS

Project Location: 2 Halsey Rd, Whitesboro, NY
Date Received: 6/4/2020
Field Sample #: VP-8
Sample ID: 20F0192-03
Sample Matrix: Soil Gas
Sampled: 6/4/2020 17:45

Sample Description/Location:
Sub Description/Location:
Canister ID: 2173
Canister Size: 6 liter
Flow Controller ID: 4609
Sample Type: 4 hr

Work Order: 20F0192
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -9
Receipt Vacuum(in Hg): -9.5
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Hexane	ND	8.0		ND	28	4	6/11/20 5:58	BRF
2-Hexanone (MBK)	ND	0.20		ND	0.82	4	6/11/20 5:58	BRF
Isopropanol	570	80		1400	200	40	6/10/20 19:35	BRF
Methyl tert-Butyl Ether (MTBE)	ND	0.20		ND	0.72	4	6/11/20 5:58	BRF
Methylene Chloride	ND	2.0		ND	6.9	4	6/11/20 5:58	BRF
4-Methyl-2-pentanone (MIBK)	ND	0.20	L-03, V-05	ND	0.82	4	6/11/20 5:58	BRF
Naphthalene	ND	0.20		ND	1.0	4	6/11/20 5:58	BRF
Propene	45	8.0		78	14	4	6/11/20 5:58	BRF
Styrene	ND	0.20		ND	0.85	4	6/11/20 5:58	BRF
1,1,2,2-Tetrachloroethane	ND	0.20		ND	1.4	4	6/11/20 5:58	BRF
Tetrachloroethylene	ND	0.20		ND	1.4	4	6/11/20 5:58	BRF
Tetrahydrofuran	3.5	0.20		10	0.59	4	6/11/20 5:58	BRF
Toluene	2.0	0.20		7.4	0.75	4	6/11/20 5:58	BRF
1,2,4-Trichlorobenzene	ND	0.20		ND	1.5	4	6/11/20 5:58	BRF
1,1,1-Trichloroethane	17	0.20		94	1.1	4	6/11/20 5:58	BRF
1,1,2-Trichloroethane	ND	0.20		ND	1.1	4	6/11/20 5:58	BRF
Trichloroethylene	ND	0.20		ND	1.1	4	6/11/20 5:58	BRF
Trichlorofluoromethane (Freon 11)	ND	0.80		ND	4.5	4	6/11/20 5:58	BRF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	120	0.80		880	6.1	4	6/11/20 5:58	BRF
1,2,4-Trimethylbenzene	ND	0.20		ND	0.98	4	6/11/20 5:58	BRF
1,3,5-Trimethylbenzene	ND	0.20		ND	0.98	4	6/11/20 5:58	BRF
Vinyl Acetate	ND	4.0		ND	14	4	6/11/20 5:58	BRF
Vinyl Chloride	ND	0.20		ND	0.51	4	6/11/20 5:58	BRF
m&p-Xylene	1.3	0.40		5.8	1.7	4	6/11/20 5:58	BRF
o-Xylene	0.54	0.20		2.3	0.87	4	6/11/20 5:58	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	98.3	70-130	6/11/20 5:58
4-Bromofluorobenzene (1)	99.4	70-130	6/11/20 1:12
4-Bromofluorobenzene (1)	98.6	70-130	6/10/20 19:35

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ANALYTICAL RESULTS

Project Location: 2 Halsey Rd, Whitesboro, NY
Date Received: 6/4/2020
Field Sample #: VP-9
Sample ID: 20F0192-04
Sample Matrix: Soil Gas
Sampled: 6/4/2020 17:47

Sample Description/Location:
Sub Description/Location:
Canister ID: 1447
Canister Size: 6 liter
Flow Controller ID: 4602
Sample Type: 4 hr

Work Order: 20F0192
Initial Vacuum(in Hg): -28
Final Vacuum(in Hg): -8
Receipt Vacuum(in Hg): -10
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

	ppbv			ug/m3			Date/Time	
Analyte	Results	RL	Flag/Qual	Results	RL	Dilution	Analyzed	Analyst
Acetone	95	8.0		230	19	4	6/11/20 5:18	BRF
Benzene	ND	0.20		ND	0.64	4	6/11/20 5:18	BRF
Benzyl chloride	ND	0.20		ND	1.0	4	6/11/20 5:18	BRF
Bromodichloromethane	ND	0.20		ND	1.3	4	6/11/20 5:18	BRF
Bromoform	ND	0.20		ND	2.1	4	6/11/20 5:18	BRF
Bromomethane	ND	0.40		ND	1.6	4	6/11/20 5:18	BRF
1,3-Butadiene	ND	0.20		ND	0.44	4	6/11/20 5:18	BRF
2-Butanone (MEK)	15	8.0		44	24	4	6/11/20 5:18	BRF
Carbon Disulfide	ND	2.0		ND	6.2	4	6/11/20 5:18	BRF
Carbon Tetrachloride	ND	0.20		ND	1.3	4	6/11/20 5:18	BRF
Chlorobenzene	ND	0.20		ND	0.92	4	6/11/20 5:18	BRF
Chloroethane	ND	0.20		ND	0.53	4	6/11/20 5:18	BRF
Chloroform	ND	0.20		ND	0.98	4	6/11/20 5:18	BRF
Chloromethane	ND	0.40		ND	0.83	4	6/11/20 5:18	BRF
Cyclohexane	ND	0.20	Z-01	ND	0.69	4	6/11/20 5:18	BRF
Dibromochloromethane	ND	0.20		ND	1.7	4	6/11/20 5:18	BRF
1,2-Dibromoethane (EDB)	ND	0.20		ND	1.5	4	6/11/20 5:18	BRF
1,2-Dichlorobenzene	ND	0.20		ND	1.2	4	6/11/20 5:18	BRF
1,3-Dichlorobenzene	1.6	0.20		9.5	1.2	4	6/11/20 5:18	BRF
1,4-Dichlorobenzene	ND	0.20		ND	1.2	4	6/11/20 5:18	BRF
Dichlorodifluoromethane (Freon 12)	ND	0.20		ND	0.99	4	6/11/20 5:18	BRF
1,1-Dichloroethane	ND	0.20		ND	0.81	4	6/11/20 5:18	BRF
1,2-Dichloroethane	ND	0.20		ND	0.81	4	6/11/20 5:18	BRF
1,1-Dichloroethylene	ND	0.20		ND	0.79	4	6/11/20 5:18	BRF
cis-1,2-Dichloroethylene	ND	0.20		ND	0.79	4	6/11/20 5:18	BRF
trans-1,2-Dichloroethylene	ND	0.20		ND	0.79	4	6/11/20 5:18	BRF
1,2-Dichloropropane	ND	0.20	L-03	ND	0.92	4	6/11/20 5:18	BRF
cis-1,3-Dichloropropene	ND	0.20		ND	0.91	4	6/11/20 5:18	BRF
trans-1,3-Dichloropropene	ND	0.20		ND	0.91	4	6/11/20 5:18	BRF
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20		ND	1.4	4	6/11/20 5:18	BRF
1,4-Dioxane	ND	2.0		ND	7.2	4	6/11/20 5:18	BRF
Ethanol	4800	600	V-06, Z-01	9000	1100	300	6/11/20 0:29	BRF
Ethyl Acetate	ND	0.20		ND	0.72	4	6/11/20 5:18	BRF
Ethylbenzene	0.43	0.20		1.9	0.87	4	6/11/20 5:18	BRF
4-Ethyltoluene	ND	0.20		ND	0.98	4	6/11/20 5:18	BRF
Heptane	0.25	0.20	L-03	1.0	0.82	4	6/11/20 5:18	BRF
Hexachlorobutadiene	ND	0.20	V-05	ND	2.1	4	6/11/20 5:18	BRF

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ANALYTICAL RESULTS

Project Location: 2 Halsey Rd, Whitesboro, NY
Date Received: 6/4/2020
Field Sample #: VP-9
Sample ID: 20F0192-04
Sample Matrix: Soil Gas
Sampled: 6/4/2020 17:47

Sample Description/Location:
Sub Description/Location:
Canister ID: 1447
Canister Size: 6 liter
Flow Controller ID: 4602
Sample Type: 4 hr

Work Order: 20F0192
Initial Vacuum(in Hg): -28
Final Vacuum(in Hg): -8
Receipt Vacuum(in Hg): -10
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Hexane	ND	8.0		ND	28	4	6/11/20 5:18	BRF
2-Hexanone (MBK)	ND	0.20		ND	0.82	4	6/11/20 5:18	BRF
Isopropanol	710	80		1800	200	40	6/10/20 18:55	BRF
Methyl tert-Butyl Ether (MTBE)	ND	0.20		ND	0.72	4	6/11/20 5:18	BRF
Methylene Chloride	ND	2.0		ND	6.9	4	6/11/20 5:18	BRF
4-Methyl-2-pentanone (MIBK)	ND	0.20	V-05, L-03	ND	0.82	4	6/11/20 5:18	BRF
Naphthalene	ND	0.20		ND	1.0	4	6/11/20 5:18	BRF
Propene	ND	8.0		ND	14	4	6/11/20 5:18	BRF
Styrene	ND	0.20		ND	0.85	4	6/11/20 5:18	BRF
1,1,2,2-Tetrachloroethane	ND	0.20		ND	1.4	4	6/11/20 5:18	BRF
Tetrachloroethylene	ND	0.20		ND	1.4	4	6/11/20 5:18	BRF
Tetrahydrofuran	2.0	0.20		5.9	0.59	4	6/11/20 5:18	BRF
Toluene	2.1	0.20		7.9	0.75	4	6/11/20 5:18	BRF
1,2,4-Trichlorobenzene	ND	0.20		ND	1.5	4	6/11/20 5:18	BRF
1,1,1-Trichloroethane	ND	0.20		ND	1.1	4	6/11/20 5:18	BRF
1,1,2-Trichloroethane	ND	0.20		ND	1.1	4	6/11/20 5:18	BRF
Trichloroethylene	ND	0.20		ND	1.1	4	6/11/20 5:18	BRF
Trichlorofluoromethane (Freon 11)	ND	0.80		ND	4.5	4	6/11/20 5:18	BRF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	130	0.80		1000	6.1	4	6/11/20 5:18	BRF
1,2,4-Trimethylbenzene	ND	0.20		ND	0.98	4	6/11/20 5:18	BRF
1,3,5-Trimethylbenzene	ND	0.20		ND	0.98	4	6/11/20 5:18	BRF
Vinyl Acetate	ND	4.0		ND	14	4	6/11/20 5:18	BRF
Vinyl Chloride	ND	0.20		ND	0.51	4	6/11/20 5:18	BRF
m&p-Xylene	1.5	0.40		6.4	1.7	4	6/11/20 5:18	BRF
o-Xylene	0.59	0.20		2.6	0.87	4	6/11/20 5:18	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	96.6	70-130	6/11/20 5:18
4-Bromofluorobenzene (1)	98.4	70-130	6/11/20 0:29
4-Bromofluorobenzene (1)	98.3	70-130	6/10/20 18:55

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ANALYTICAL RESULTS

Project Location: 2 Halsey Rd, Whitesboro, NY
Date Received: 6/4/2020
Field Sample #: VP-10
Sample ID: 20F0192-05
Sample Matrix: Soil Gas
Sampled: 6/4/2020 17:48

Sample Description/Location:
Sub Description/Location:
Canister ID: 2196
Canister Size: 6 liter
Flow Controller ID: 4626
Sample Type: 4 hr

Work Order: 20F0192
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -7
Receipt Vacuum(in Hg): -8.7
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

	ppbv			ug/m3			Date/Time	
Analyte	Results	RL	Flag/Qual	Results	RL	Dilution	Analyzed	Analyst
Acetone	170	8.0		410	19	4	6/11/20 4:37	BRF
Benzene	0.33	0.20		1.0	0.64	4	6/11/20 4:37	BRF
Benzyl chloride	ND	0.20		ND	1.0	4	6/11/20 4:37	BRF
Bromodichloromethane	ND	0.20		ND	1.3	4	6/11/20 4:37	BRF
Bromoform	ND	0.20		ND	2.1	4	6/11/20 4:37	BRF
Bromomethane	ND	0.40		ND	1.6	4	6/11/20 4:37	BRF
1,3-Butadiene	ND	0.20		ND	0.44	4	6/11/20 4:37	BRF
2-Butanone (MEK)	12	8.0		36	24	4	6/11/20 4:37	BRF
Carbon Disulfide	ND	2.0		ND	6.2	4	6/11/20 4:37	BRF
Carbon Tetrachloride	ND	0.20		ND	1.3	4	6/11/20 4:37	BRF
Chlorobenzene	ND	0.20		ND	0.92	4	6/11/20 4:37	BRF
Chloroethane	ND	0.20		ND	0.53	4	6/11/20 4:37	BRF
Chloroform	0.21	0.20		1.0	0.98	4	6/11/20 4:37	BRF
Chloromethane	ND	0.40		ND	0.83	4	6/11/20 4:37	BRF
Cyclohexane	ND	0.20	Z-01	ND	0.69	4	6/11/20 4:37	BRF
Dibromochloromethane	ND	0.20		ND	1.7	4	6/11/20 4:37	BRF
1,2-Dibromoethane (EDB)	ND	0.20		ND	1.5	4	6/11/20 4:37	BRF
1,2-Dichlorobenzene	ND	0.20		ND	1.2	4	6/11/20 4:37	BRF
1,3-Dichlorobenzene	2.6	0.20		16	1.2	4	6/11/20 4:37	BRF
1,4-Dichlorobenzene	ND	0.20		ND	1.2	4	6/11/20 4:37	BRF
Dichlorodifluoromethane (Freon 12)	0.52	0.20		2.6	0.99	4	6/11/20 4:37	BRF
1,1-Dichloroethane	ND	0.20		ND	0.81	4	6/11/20 4:37	BRF
1,2-Dichloroethane	ND	0.20		ND	0.81	4	6/11/20 4:37	BRF
1,1-Dichloroethylene	ND	0.20		ND	0.79	4	6/11/20 4:37	BRF
cis-1,2-Dichloroethylene	ND	0.20		ND	0.79	4	6/11/20 4:37	BRF
trans-1,2-Dichloroethylene	ND	0.20		ND	0.79	4	6/11/20 4:37	BRF
1,2-Dichloropropane	ND	0.20	L-03	ND	0.92	4	6/11/20 4:37	BRF
cis-1,3-Dichloropropene	ND	0.20		ND	0.91	4	6/11/20 4:37	BRF
trans-1,3-Dichloropropene	ND	0.20		ND	0.91	4	6/11/20 4:37	BRF
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20		ND	1.4	4	6/11/20 4:37	BRF
1,4-Dioxane	ND	2.0		ND	7.2	4	6/11/20 4:37	BRF
Ethanol	4400	600	V-06, Z-01	8300	1100	300	6/10/20 23:46	BRF
Ethyl Acetate	ND	0.20		ND	0.72	4	6/11/20 4:37	BRF
Ethylbenzene	0.47	0.20		2.0	0.87	4	6/11/20 4:37	BRF
4-Ethyltoluene	ND	0.20		ND	0.98	4	6/11/20 4:37	BRF
Heptane	0.41	0.20	L-03	1.7	0.82	4	6/11/20 4:37	BRF
Hexachlorobutadiene	ND	0.20	V-05	ND	2.1	4	6/11/20 4:37	BRF

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ANALYTICAL RESULTS

Project Location: 2 Halsey Rd, Whitesboro, NY
Date Received: 6/4/2020
Field Sample #: VP-10
Sample ID: 20F0192-05
Sample Matrix: Soil Gas
Sampled: 6/4/2020 17:48

Sample Description/Location:
Sub Description/Location:
Canister ID: 2196
Canister Size: 6 liter
Flow Controller ID: 4626
Sample Type: 4 hr

Work Order: 20F0192
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -7
Receipt Vacuum(in Hg): -8.7
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Hexane	ND	8.0		ND	28	4	6/11/20 4:37	BRF
2-Hexanone (MBK)	ND	0.20		ND	0.82	4	6/11/20 4:37	BRF
Isopropanol	940	80		2300	200	40	6/10/20 18:14	BRF
Methyl tert-Butyl Ether (MTBE)	ND	0.20		ND	0.72	4	6/11/20 4:37	BRF
Methylene Chloride	ND	2.0		ND	6.9	4	6/11/20 4:37	BRF
4-Methyl-2-pentanone (MIBK)	ND	0.20	L-03, V-05	ND	0.82	4	6/11/20 4:37	BRF
Naphthalene	ND	0.20		ND	1.0	4	6/11/20 4:37	BRF
Propene	ND	8.0		ND	14	4	6/11/20 4:37	BRF
Styrene	ND	0.20		ND	0.85	4	6/11/20 4:37	BRF
1,1,2,2-Tetrachloroethane	ND	0.20		ND	1.4	4	6/11/20 4:37	BRF
Tetrachloroethylene	ND	0.20		ND	1.4	4	6/11/20 4:37	BRF
Tetrahydrofuran	2.2	0.20		6.5	0.59	4	6/11/20 4:37	BRF
Toluene	2.7	0.20		10	0.75	4	6/11/20 4:37	BRF
1,2,4-Trichlorobenzene	ND	0.20		ND	1.5	4	6/11/20 4:37	BRF
1,1,1-Trichloroethane	ND	0.20		ND	1.1	4	6/11/20 4:37	BRF
1,1,2-Trichloroethane	ND	0.20		ND	1.1	4	6/11/20 4:37	BRF
Trichloroethylene	0.20	0.20		1.1	1.1	4	6/11/20 4:37	BRF
Trichlorofluoromethane (Freon 11)	ND	0.80		ND	4.5	4	6/11/20 4:37	BRF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	24	0.80		190	6.1	4	6/11/20 4:37	BRF
1,2,4-Trimethylbenzene	ND	0.20		ND	0.98	4	6/11/20 4:37	BRF
1,3,5-Trimethylbenzene	ND	0.20		ND	0.98	4	6/11/20 4:37	BRF
Vinyl Acetate	ND	4.0		ND	14	4	6/11/20 4:37	BRF
Vinyl Chloride	ND	0.20		ND	0.51	4	6/11/20 4:37	BRF
m&p-Xylene	1.7	0.40		7.2	1.7	4	6/11/20 4:37	BRF
o-Xylene	0.59	0.20		2.6	0.87	4	6/11/20 4:37	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	98.2	70-130	6/10/20 18:14
4-Bromofluorobenzene (1)	96.5	70-130	6/11/20 4:37
4-Bromofluorobenzene (1)	97.7	70-130	6/10/20 23:46

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ANALYTICAL RESULTS

Project Location: 2 Halsey Rd, Whitesboro, NY
Date Received: 6/4/2020
Field Sample #: VP-11
Sample ID: 20F0192-06
Sample Matrix: Soil Gas
Sampled: 6/4/2020 17:49

Sample Description/Location:
Sub Description/Location:
Canister ID: 1007
Canister Size: 6 liter
Flow Controller ID: 4641
Sample Type: 4 hr

Work Order: 20F0192
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -9
Receipt Vacuum(in Hg): -9
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

	ppbv			ug/m3			Date/Time	
Analyte	Results	RL	Flag/Qual	Results	RL	Dilution	Analyzed	Analyst
Acetone	260	80		620	190	40	6/10/20 17:33	BRF
Benzene	0.24	0.20		0.78	0.64	4	6/11/20 3:57	BRF
Benzyl chloride	ND	0.20		ND	1.0	4	6/11/20 3:57	BRF
Bromodichloromethane	ND	0.20		ND	1.3	4	6/11/20 3:57	BRF
Bromoform	ND	0.20		ND	2.1	4	6/11/20 3:57	BRF
Bromomethane	ND	0.40		ND	1.6	4	6/11/20 3:57	BRF
1,3-Butadiene	ND	0.20		ND	0.44	4	6/11/20 3:57	BRF
2-Butanone (MEK)	12	8.0		35	24	4	6/11/20 3:57	BRF
Carbon Disulfide	ND	2.0		ND	6.2	4	6/11/20 3:57	BRF
Carbon Tetrachloride	ND	0.20		ND	1.3	4	6/11/20 3:57	BRF
Chlorobenzene	ND	0.20		ND	0.92	4	6/11/20 3:57	BRF
Chloroethane	ND	0.20		ND	0.53	4	6/11/20 3:57	BRF
Chloroform	ND	0.20		ND	0.98	4	6/11/20 3:57	BRF
Chloromethane	ND	0.40		ND	0.83	4	6/11/20 3:57	BRF
Cyclohexane	ND	0.20	Z-01	ND	0.69	4	6/11/20 3:57	BRF
Dibromochloromethane	ND	0.20		ND	1.7	4	6/11/20 3:57	BRF
1,2-Dibromoethane (EDB)	ND	0.20		ND	1.5	4	6/11/20 3:57	BRF
1,2-Dichlorobenzene	ND	0.20		ND	1.2	4	6/11/20 3:57	BRF
1,3-Dichlorobenzene	1.5	0.20		9.0	1.2	4	6/11/20 3:57	BRF
1,4-Dichlorobenzene	ND	0.20		ND	1.2	4	6/11/20 3:57	BRF
Dichlorodifluoromethane (Freon 12)	0.50	0.20		2.5	0.99	4	6/11/20 3:57	BRF
1,1-Dichloroethane	ND	0.20		ND	0.81	4	6/11/20 3:57	BRF
1,2-Dichloroethane	ND	0.20		ND	0.81	4	6/11/20 3:57	BRF
1,1-Dichloroethylene	ND	0.20		ND	0.79	4	6/11/20 3:57	BRF
cis-1,2-Dichloroethylene	ND	0.20		ND	0.79	4	6/11/20 3:57	BRF
trans-1,2-Dichloroethylene	ND	0.20		ND	0.79	4	6/11/20 3:57	BRF
1,2-Dichloropropane	ND	0.20	L-03	ND	0.92	4	6/11/20 3:57	BRF
cis-1,3-Dichloropropene	ND	0.20		ND	0.91	4	6/11/20 3:57	BRF
trans-1,3-Dichloropropene	ND	0.20		ND	0.91	4	6/11/20 3:57	BRF
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20		ND	1.4	4	6/11/20 3:57	BRF
1,4-Dioxane	ND	2.0		ND	7.2	4	6/11/20 3:57	BRF
Ethanol	5400	600	V-06, Z-01	10000	1100	300	6/10/20 23:03	BRF
Ethyl Acetate	ND	0.20		ND	0.72	4	6/11/20 3:57	BRF
Ethylbenzene	0.50	0.20		2.2	0.87	4	6/11/20 3:57	BRF
4-Ethyltoluene	0.22	0.20		1.1	0.98	4	6/11/20 3:57	BRF
Heptane	0.33	0.20	L-03	1.4	0.82	4	6/11/20 3:57	BRF
Hexachlorobutadiene	ND	0.20	V-05	ND	2.1	4	6/11/20 3:57	BRF

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ANALYTICAL RESULTS

Project Location: 2 Halsey Rd, Whitesboro, NY
Date Received: 6/4/2020
Field Sample #: VP-11
Sample ID: 20F0192-06
Sample Matrix: Soil Gas
Sampled: 6/4/2020 17:49

Sample Description/Location:
Sub Description/Location:
Canister ID: 1007
Canister Size: 6 liter
Flow Controller ID: 4641
Sample Type: 4 hr

Work Order: 20F0192
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -9
Receipt Vacuum(in Hg): -9
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Hexane	ND	8.0		ND	28	4	6/11/20 3:57	BRF
2-Hexanone (MBK)	ND	0.20		ND	0.82	4	6/11/20 3:57	BRF
Isopropanol	940	80		2300	200	40	6/10/20 17:33	BRF
Methyl tert-Butyl Ether (MTBE)	ND	0.20		ND	0.72	4	6/11/20 3:57	BRF
Methylene Chloride	ND	2.0		ND	6.9	4	6/11/20 3:57	BRF
4-Methyl-2-pentanone (MIBK)	ND	0.20	L-03, V-05	ND	0.82	4	6/11/20 3:57	BRF
Naphthalene	ND	0.20		ND	1.0	4	6/11/20 3:57	BRF
Propene	ND	8.0		ND	14	4	6/11/20 3:57	BRF
Styrene	ND	0.20		ND	0.85	4	6/11/20 3:57	BRF
1,1,2,2-Tetrachloroethane	ND	0.20		ND	1.4	4	6/11/20 3:57	BRF
Tetrachloroethylene	ND	0.20		ND	1.4	4	6/11/20 3:57	BRF
Tetrahydrofuran	2.2	0.20		6.5	0.59	4	6/11/20 3:57	BRF
Toluene	2.5	0.20		9.6	0.75	4	6/11/20 3:57	BRF
1,2,4-Trichlorobenzene	ND	0.20		ND	1.5	4	6/11/20 3:57	BRF
1,1,1-Trichloroethane	ND	0.20		ND	1.1	4	6/11/20 3:57	BRF
1,1,2-Trichloroethane	ND	0.20		ND	1.1	4	6/11/20 3:57	BRF
Trichloroethylene	ND	0.20		ND	1.1	4	6/11/20 3:57	BRF
Trichlorofluoromethane (Freon 11)	ND	0.80		ND	4.5	4	6/11/20 3:57	BRF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80		ND	6.1	4	6/11/20 3:57	BRF
1,2,4-Trimethylbenzene	ND	0.20		ND	0.98	4	6/11/20 3:57	BRF
1,3,5-Trimethylbenzene	0.22	0.20		1.1	0.98	4	6/11/20 3:57	BRF
Vinyl Acetate	ND	4.0		ND	14	4	6/11/20 3:57	BRF
Vinyl Chloride	ND	0.20		ND	0.51	4	6/11/20 3:57	BRF
m&p-Xylene	1.7	0.40		7.5	1.7	4	6/11/20 3:57	BRF
o-Xylene	0.76	0.20		3.3	0.87	4	6/11/20 3:57	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	98.1	70-130	6/10/20 23:03
4-Bromofluorobenzene (1)	98.3	70-130	6/10/20 17:33
4-Bromofluorobenzene (1)	97.5	70-130	6/11/20 3:57

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ANALYTICAL RESULTS

Project Location: 2 Halsey Rd, Whitesboro, NY
Date Received: 6/4/2020
Field Sample #: BL-1 trip blank
Sample ID: 20F0192-07
Sample Matrix: Soil Gas
Sampled: 6/4/2020 00:00

Sample Description/Location:
Sub Description/Location:
Canister ID: 1390
Canister Size: 6 liter
Flow Controller ID: 4648
Sample Type: 4 hr

Work Order: 20F0192
Initial Vacuum(in Hg):
Final Vacuum(in Hg):
Receipt Vacuum(in Hg): -29.6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

	ppbv			ug/m3			Date/Time	
Analyte	**Results**	**RL**	**Flag/Qual**	**Results**	**RL**	**Dilution**	**Analyzed**	**Analyst**
Acetone	ND	1.4		ND	3.3	0.702	6/10/20 22:20	BRF
Benzene	ND	0.035		ND	0.11	0.702	6/10/20 22:20	BRF
Benzyl chloride	ND	0.035		ND	0.18	0.702	6/10/20 22:20	BRF
Bromodichloromethane	ND	0.035		ND	0.24	0.702	6/10/20 22:20	BRF
Bromoform	ND	0.035		ND	0.36	0.702	6/10/20 22:20	BRF
Bromomethane	ND	0.070		ND	0.27	0.702	6/10/20 22:20	BRF
1,3-Butadiene	ND	0.035		ND	0.078	0.702	6/10/20 22:20	BRF
2-Butanone (MEK)	ND	1.4		ND	4.1	0.702	6/10/20 22:20	BRF
Carbon Disulfide	ND	0.35		ND	1.1	0.702	6/10/20 22:20	BRF
Carbon Tetrachloride	ND	0.035		ND	0.22	0.702	6/10/20 22:20	BRF
Chlorobenzene	ND	0.035		ND	0.16	0.702	6/10/20 22:20	BRF
Chloroethane	ND	0.035		ND	0.093	0.702	6/10/20 22:20	BRF
Chloroform	ND	0.035		ND	0.17	0.702	6/10/20 22:20	BRF
Chloromethane	ND	0.070		ND	0.14	0.702	6/10/20 22:20	BRF
Cyclohexane	ND	0.035	Z-01	ND	0.12	0.702	6/10/20 22:20	BRF
Dibromochloromethane	ND	0.035		ND	0.30	0.702	6/10/20 22:20	BRF
1,2-Dibromoethane (EDB)	ND	0.035		ND	0.27	0.702	6/10/20 22:20	BRF
1,2-Dichlorobenzene	ND	0.035		ND	0.21	0.702	6/10/20 22:20	BRF
1,3-Dichlorobenzene	ND	0.035		ND	0.21	0.702	6/10/20 22:20	BRF
1,4-Dichlorobenzene	ND	0.035		ND	0.21	0.702	6/10/20 22:20	BRF
Dichlorodifluoromethane (Freon 12)	ND	0.035		ND	0.17	0.702	6/10/20 22:20	BRF
1,1-Dichloroethane	ND	0.035		ND	0.14	0.702	6/10/20 22:20	BRF
1,2-Dichloroethane	ND	0.035		ND	0.14	0.702	6/10/20 22:20	BRF
1,1-Dichloroethylene	ND	0.035		ND	0.14	0.702	6/10/20 22:20	BRF
cis-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	6/10/20 22:20	BRF
trans-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	6/10/20 22:20	BRF
1,2-Dichloropropane	ND	0.035	L-03	ND	0.16	0.702	6/10/20 22:20	BRF
cis-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	6/10/20 22:20	BRF
trans-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	6/10/20 22:20	BRF
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035		ND	0.25	0.702	6/10/20 22:20	BRF
1,4-Dioxane	ND	0.35		ND	1.3	0.702	6/10/20 22:20	BRF
Ethanol	ND	1.4		ND	2.6	0.702	6/10/20 22:20	BRF
Ethyl Acetate	ND	0.035		ND	0.13	0.702	6/10/20 22:20	BRF
Ethylbenzene	ND	0.035		ND	0.15	0.702	6/10/20 22:20	BRF
4-Ethyltoluene	ND	0.035		ND	0.17	0.702	6/10/20 22:20	BRF
Heptane	ND	0.035	L-03	ND	0.14	0.702	6/10/20 22:20	BRF
Hexachlorobutadiene	ND	0.035	V-05	ND	0.37	0.702	6/10/20 22:20	BRF

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ANALYTICAL RESULTS

Project Location: 2 Halsey Rd, Whitesboro, NY
Date Received: 6/4/2020
Field Sample #: BL-1 trip blank
Sample ID: 20F0192-07
Sample Matrix: Soil Gas
Sampled: 6/4/2020 00:00

Sample Description/Location:
Sub Description/Location:
Canister ID: 1390
Canister Size: 6 liter
Flow Controller ID: 4648
Sample Type: 4 hr

Work Order: 20F0192
Initial Vacuum(in Hg):
Final Vacuum(in Hg):
Receipt Vacuum(in Hg): -29.6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Hexane	ND	1.4		ND	4.9	0.702	6/10/20 22:20	BRF
2-Hexanone (MBK)	ND	0.035		ND	0.14	0.702	6/10/20 22:20	BRF
Isopropanol	ND	1.4		ND	3.4	0.702	6/10/20 22:20	BRF
Methyl tert-Butyl Ether (MTBE)	ND	0.035		ND	0.13	0.702	6/10/20 22:20	BRF
Methylene Chloride	ND	0.35		ND	1.2	0.702	6/10/20 22:20	BRF
4-Methyl-2-pentanone (MIBK)	ND	0.035	L-03, V-05	ND	0.14	0.702	6/10/20 22:20	BRF
Naphthalene	ND	0.035		ND	0.18	0.702	6/10/20 22:20	BRF
Propene	ND	1.4		ND	2.4	0.702	6/10/20 22:20	BRF
Styrene	ND	0.035		ND	0.15	0.702	6/10/20 22:20	BRF
1,1,2,2-Tetrachloroethane	ND	0.035		ND	0.24	0.702	6/10/20 22:20	BRF
Tetrachloroethylene	ND	0.035		ND	0.24	0.702	6/10/20 22:20	BRF
Tetrahydrofuran	ND	0.035		ND	0.10	0.702	6/10/20 22:20	BRF
Toluene	ND	0.035		ND	0.13	0.702	6/10/20 22:20	BRF
1,2,4-Trichlorobenzene	ND	0.035		ND	0.26	0.702	6/10/20 22:20	BRF
1,1,1-Trichloroethane	ND	0.035		ND	0.19	0.702	6/10/20 22:20	BRF
1,1,2-Trichloroethane	ND	0.035		ND	0.19	0.702	6/10/20 22:20	BRF
Trichloroethylene	ND	0.035		ND	0.19	0.702	6/10/20 22:20	BRF
Trichlorofluoromethane (Freon 11)	ND	0.14		ND	0.79	0.702	6/10/20 22:20	BRF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.14		ND	1.1	0.702	6/10/20 22:20	BRF
1,2,4-Trimethylbenzene	ND	0.035		ND	0.17	0.702	6/10/20 22:20	BRF
1,3,5-Trimethylbenzene	ND	0.035		ND	0.17	0.702	6/10/20 22:20	BRF
Vinyl Acetate	ND	0.70		ND	2.5	0.702	6/10/20 22:20	BRF
Vinyl Chloride	ND	0.035		ND	0.090	0.702	6/10/20 22:20	BRF
m&p-Xylene	ND	0.070		ND	0.30	0.702	6/10/20 22:20	BRF
o-Xylene	ND	0.035		ND	0.15	0.702	6/10/20 22:20	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	98.0	70-130	6/10/20 22:20

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Sample Extraction Data

Prep Method: TO-15 Prep **Analytical Method: EP**

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
20F0192-01 [VP-6]	B259797	1.5	1	N/A	1000	400	150	06/10/20
20F0192-01RE1 [VP-6]	B259797	1.5	1	N/A	1000	400	15	06/10/20
20F0192-01RE2 [VP-6]	B259797	1.5	200	5	1000	400	400	06/10/20
20F0192-02 [VP-7]	B259797	1.5	1	N/A	1000	400	150	06/10/20
20F0192-02RE1 [VP-7]	B259797	1.5	1	N/A	1000	400	15	06/10/20
20F0192-02RE2 [VP-7]	B259797	1.5	200	5	1000	400	400	06/10/20
20F0192-03 [VP-8]	B259797	1.5	1	N/A	1000	400	150	06/10/20
20F0192-03RE1 [VP-8]	B259797	1.5	1	N/A	1000	400	15	06/10/20
20F0192-03RE2 [VP-8]	B259797	1.5	200	5	1000	400	400	06/10/20
20F0192-04 [VP-9]	B259797	1.5	1	N/A	1000	400	150	06/10/20
20F0192-04RE1 [VP-9]	B259797	1.5	1	N/A	1000	400	15	06/10/20
20F0192-04RE2 [VP-9]	B259797	1.5	200	5	1000	400	400	06/10/20
20F0192-05 [VP-10]	B259797	1.5	1	N/A	1000	400	150	06/10/20
20F0192-05RE1 [VP-10]	B259797	1.5	1	N/A	1000	400	15	06/10/20
20F0192-05RE2 [VP-10]	B259797	1.5	200	5	1000	400	400	06/10/20
20F0192-06 [VP-11]	B259797	1.5	1	N/A	1000	400	150	06/10/20
20F0192-06RE1 [VP-11]	B259797	1.5	1	N/A	1000	400	15	06/10/20
20F0192-06RE2 [VP-11]	B259797	1.5	200	5	1000	400	400	06/10/20
20F0192-07 [BL-1 trip blank]	B259797	1	1	N/A	1000	400	570	06/10/20

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B259797 - TO-15 Prep											
Blank (B259797-BLK1)					Prepared & Analyzed: 06/10/20						
Acetone	ND	0.80									
Benzene	ND	0.020									
Benzyl chloride	ND	0.020									
Bromodichloromethane	ND	0.020									
Bromoform	ND	0.020									
Bromomethane	ND	0.020									
1,3-Butadiene	ND	0.020									
2-Butanone (MEK)	ND	0.80									
Carbon Disulfide	ND	0.20									
Carbon Tetrachloride	ND	0.020									
Chlorobenzene	ND	0.020									
Chloroethane	ND	0.020									
Chloroform	ND	0.020									
Chloromethane	ND	0.040									
Cyclohexane	ND	0.020									Z-01
Dibromochloromethane	ND	0.020									
1,2-Dibromoethane (EDB)	ND	0.020									
1,2-Dichlorobenzene	ND	0.020									
1,3-Dichlorobenzene	ND	0.020									
1,4-Dichlorobenzene	ND	0.020									
Dichlorodifluoromethane (Freon 12)	ND	0.020									
1,1-Dichloroethane	ND	0.020									
1,2-Dichloroethane	ND	0.020									
1,1-Dichloroethylene	ND	0.020									
cis-1,2-Dichloroethylene	ND	0.020									
trans-1,2-Dichloroethylene	ND	0.020									
1,2-Dichloropropane	ND	0.020									L-03
cis-1,3-Dichloropropene	ND	0.020									
trans-1,3-Dichloropropene	ND	0.020									
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.020									
1,4-Dioxane	ND	0.20									
Ethanol	ND	0.80									
Ethyl Acetate	ND	0.020									
Ethylbenzene	ND	0.020									
4-Ethyltoluene	ND	0.020									
Heptane	ND	0.020									L-03
Hexachlorobutadiene	ND	0.020									V-05
Hexane	ND	0.80									
2-Hexanone (MBK)	ND	0.020									
Isopropanol	ND	0.80									
Methyl tert-Butyl Ether (MTBE)	ND	0.020									
Methylene Chloride	ND	0.20									
4-Methyl-2-pentanone (MIBK)	ND	0.020									L-03, V-05
Naphthalene	ND	0.020									
Propene	ND	0.80									
Styrene	ND	0.020									

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC		%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B259797 - TO-15 Prep												
Blank (B259797-BLK1)					Prepared & Analyzed: 06/10/20							
1,1,2,2-Tetrachloroethane	ND	0.020										
Tetrachloroethylene	ND	0.020										
Tetrahydrofuran	ND	0.020										
Toluene	ND	0.020										
1,2,4-Trichlorobenzene	ND	0.020										
1,1,1-Trichloroethane	ND	0.020										
1,1,2-Trichloroethane	ND	0.020										
Trichloroethylene	ND	0.020										
Trichlorofluoromethane (Freon 11)	ND	0.080										
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.080										
1,2,4-Trimethylbenzene	ND	0.020										
1,3,5-Trimethylbenzene	ND	0.020										
Vinyl Acetate	ND	0.40										
Vinyl Chloride	ND	0.020										
m&p-Xylene	ND	0.040										
o-Xylene	ND	0.020										
Surrogate: 4-Bromofluorobenzene (1)	*7.82*				*8.00*		*97.7*		*70-130*			
LCS (B259797-BS1)					Prepared & Analyzed: 06/10/20							
Acetone	5.02				5.00		100		70-130			
Benzene	3.64				5.00		72.9		70-130			
Benzyl chloride	4.14				5.00		82.9		70-130			
Bromodichloromethane	3.87				5.00		77.5		70-130			
Bromoform	4.69				5.00		93.7		70-130			
Bromomethane	5.38				5.00		108		70-130			
1,3-Butadiene	4.61				5.00		92.2		70-130			
2-Butanone (MEK)	4.15				5.00		83.0		70-130			
Carbon Disulfide	4.76				5.00		95.3		70-130			
Carbon Tetrachloride	4.24				5.00		84.7		70-130			
Chlorobenzene	4.19				5.00		83.8		70-130			
Chloroethane	4.89				5.00		97.8		70-130			
Chloroform	4.85				5.00		97.0		70-130			
Chloromethane	4.39				5.00		87.7		70-130			
Cyclohexane	3.48				5.00		**69.6**	*	70-130			Z-01
Dibromochloromethane	4.60				5.00		92.0		70-130			
1,2-Dibromoethane (EDB)	4.25				5.00		84.9		70-130			
1,2-Dichlorobenzene	4.24				5.00		84.8		70-130			
1,3-Dichlorobenzene	4.47				5.00		89.4		70-130			
1,4-Dichlorobenzene	4.25				5.00		84.9		70-130			
Dichlorodifluoromethane (Freon 12)	5.00				5.00		100		70-130			
1,1-Dichloroethane	4.33				5.00		86.5		70-130			
1,2-Dichloroethane	4.64				5.00		92.8		70-130			
1,1-Dichloroethylene	4.56				5.00		91.3		70-130			
cis-1,2-Dichloroethylene	4.21				5.00		84.3		70-130			
trans-1,2-Dichloroethylene	4.37				5.00		87.5		70-130			
1,2-Dichloropropane	3.18				5.00		**63.6**	*	70-130			L-03

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC		%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B259797 - TO-15 Prep												
LCS (B259797-BS1)					Prepared & Analyzed: 06/10/20							
cis-1,3-Dichloropropene	3.50				5.00		70.0		70-130			
trans-1,3-Dichloropropene	3.80				5.00		76.1		70-130			
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	4.90				5.00		98.1		70-130			
1,4-Dioxane	3.77				5.00		75.3		70-130			
Ethanol	6.64				5.00		**133**	*	70-130			V-06, Z-01
Ethyl Acetate	4.56				5.00		91.2		70-130			
Ethylbenzene	3.93				5.00		78.6		70-130			
4-Ethyltoluene	4.09				5.00		81.8		70-130			
Heptane	3.26				5.00		**65.2**	*	70-130			L-03
Hexachlorobutadiene	3.66				5.00		73.1		70-130			V-05
Hexane	4.64				5.00		92.7		70-130			
2-Hexanone (MBK)	3.50				5.00		70.0		70-130			
Isopropanol	4.27				5.00		85.4		70-130			
Methyl tert-Butyl Ether (MTBE)	4.66				5.00		93.1		70-130			
Methylene Chloride	4.17				5.00		83.4		70-130			
4-Methyl-2-pentanone (MIBK)	3.39				5.00		**67.8**	*	70-130			V-05, L-03
Naphthalene	4.33				5.00		86.6		70-130			
Propene	3.56				5.00		71.2		70-130			
Styrene	4.16				5.00		83.2		70-130			
1,1,2,2-Tetrachloroethane	4.02				5.00		80.5		70-130			
Tetrachloroethylene	4.34				5.00		86.8		70-130			
Tetrahydrofuran	4.71				5.00		94.1		70-130			
Toluene	3.99				5.00		79.8		70-130			
1,2,4-Trichlorobenzene	3.78				5.00		75.7		70-130			
1,1,1-Trichloroethane	3.73				5.00		74.6		70-130			
1,1,2-Trichloroethane	4.15				5.00		83.0		70-130			
Trichloroethylene	3.80				5.00		76.0		70-130			
Trichlorofluoromethane (Freon 11)	5.64				5.00		113		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5.08				5.00		102		70-130			
1,2,4-Trimethylbenzene	4.02				5.00		80.4		70-130			
1,3,5-Trimethylbenzene	4.11				5.00		82.1		70-130			
Vinyl Acetate	4.32				5.00		86.3		70-130			
Vinyl Chloride	4.72				5.00		94.5		70-130			
m&p-Xylene	8.07				10.0		80.7		70-130			
o-Xylene	4.06				5.00		81.1		70-130			
Surrogate: 4-Bromofluorobenzene (1)	*8.11*				*8.00*		*101*		*70-130*			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
L-03	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-06	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side for this compound.
Z-01	Compound fails the method requirement of 70-130% recovery for the LCS. Is classified by the lab as a difficult compound and passes the in house limits of 50-150%.

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INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Initial Cal Check (S048688-ICV1)			Lab File ID: G2014217.D			Analyzed: 05/22/20 06:45			
Bromochloromethane (1)	382161	8.521	362753	8.527	105	60 - 140	-0.0060	+/-0.50	
1,4-Difluorobenzene (1)	1261285	10.302	1218329	10.301	104	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	1132393	14.679	1094382	14.679	103	60 - 140	0.0000	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
LCS (B259797-BS1)			Lab File ID: G2016205.D			Analyzed: 06/10/20 11:56			
Bromochloromethane (1)	337013	8.528	362753	8.527	93	60 - 140	0.0010	+/-0.50	
1,4-Difluorobenzene (1)	1366270	10.302	1218329	10.301	112	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	1175026	14.679	1094382	14.679	107	60 - 140	0.0000	+/-0.50	
Calibration Check (S049253-CCV1)			Lab File ID: G2016208.D			Analyzed: 06/10/20 13:59			
Bromochloromethane (1)	320556	8.527	362753	8.527	88	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1332665	10.301	1218329	10.301	109	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1178165	14.679	1094382	14.679	108	60 - 140	0.0000	+/-0.50	
Blank (B259797-BLK1)			Lab File ID: G2016212.D			Analyzed: 06/10/20 16:52			
Bromochloromethane (1)	320590	8.527	320556	8.527	100	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1270194	10.301	1332665	10.301	95	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1122095	14.679	1178165	14.679	95	60 - 140	0.0000	+/-0.50	
VP-11 (20F0192-06RE1)			Lab File ID: G2016213.D			Analyzed: 06/10/20 17:33			
Bromochloromethane (1)	315643	8.527	320556	8.527	98	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1262184	10.301	1332665	10.301	95	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1120577	14.679	1178165	14.679	95	60 - 140	0.0000	+/-0.50	
VP-10 (20F0192-05RE1)			Lab File ID: G2016214.D			Analyzed: 06/10/20 18:14			
Bromochloromethane (1)	311675	8.528	320556	8.527	97	60 - 140	0.0010	+/-0.50	
1,4-Difluorobenzene (1)	1267565	10.302	1332665	10.301	95	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	1135280	14.679	1178165	14.679	96	60 - 140	0.0000	+/-0.50	
VP-9 (20F0192-04RE1)			Lab File ID: G2016215.D			Analyzed: 06/10/20 18:55			
Bromochloromethane (1)	311393	8.528	320556	8.527	97	60 - 140	0.0010	+/-0.50	
1,4-Difluorobenzene (1)	1263836	10.302	1332665	10.301	95	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	1121587	14.679	1178165	14.679	95	60 - 140	0.0000	+/-0.50	
VP-8 (20F0192-03RE1)			Lab File ID: G2016216.D			Analyzed: 06/10/20 19:35			
Bromochloromethane (1)	309690	8.527	320556	8.527	97	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1250151	10.302	1332665	10.301	94	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	1115572	14.679	1178165	14.679	95	60 - 140	0.0000	+/-0.50	

con-test® ANALYTICAL LABORATORY

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INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
VP-7 (20F0192-02RE1)			Lab File ID: G2016217.D			Analyzed: 06/10/20 20:16			
Bromochloromethane (1)	310424	8.527	320556	8.527	97	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1251446	10.301	1332665	10.301	94	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1120218	14.679	1178165	14.679	95	60 - 140	0.0000	+/-0.50	
VP-6 (20F0192-01RE1)			Lab File ID: G2016218.D			Analyzed: 06/10/20 20:57			
Bromochloromethane (1)	308265	8.527	320556	8.527	96	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1241959	10.301	1332665	10.301	93	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1119875	14.679	1178165	14.679	95	60 - 140	0.0000	+/-0.50	
BL-1 trip blank (20F0192-07)			Lab File ID: G2016220.D			Analyzed: 06/10/20 22:20			
Bromochloromethane (1)	304374	8.527	320556	8.527	95	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1244207	10.302	1332665	10.301	93	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	1093883	14.679	1178165	14.679	93	60 - 140	0.0000	+/-0.50	
VP-11 (20F0192-06RE2)			Lab File ID: G2016221.D			Analyzed: 06/10/20 23:03			
Bromochloromethane (1)	298200	8.527	320556	8.527	93	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1227073	10.301	1332665	10.301	92	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1089475	14.679	1178165	14.679	92	60 - 140	0.0000	+/-0.50	
VP-10 (20F0192-05RE2)			Lab File ID: G2016222.D			Analyzed: 06/10/20 23:46			
Bromochloromethane (1)	298499	8.527	320556	8.527	93	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1218202	10.301	1332665	10.301	91	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1078430	14.679	1178165	14.679	92	60 - 140	0.0000	+/-0.50	
VP-9 (20F0192-04RE2)			Lab File ID: G2016223.D			Analyzed: 06/11/20 00:29			
Bromochloromethane (1)	292529	8.528	320556	8.527	91	60 - 140	0.0010	+/-0.50	
1,4-Difluorobenzene (1)	1215296	10.302	1332665	10.301	91	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	1078718	14.679	1178165	14.679	92	60 - 140	0.0000	+/-0.50	
VP-8 (20F0192-03RE2)			Lab File ID: G2016224.D			Analyzed: 06/11/20 01:12			
Bromochloromethane (1)	296867	8.527	320556	8.527	93	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1223211	10.301	1332665	10.301	92	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1075307	14.679	1178165	14.679	91	60 - 140	0.0000	+/-0.50	
VP-7 (20F0192-02RE2)			Lab File ID: G2016225.D			Analyzed: 06/11/20 01:54			
Bromochloromethane (1)	299299	8.528	320556	8.527	93	60 - 140	0.0010	+/-0.50	
1,4-Difluorobenzene (1)	1225362	10.302	1332665	10.301	92	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	1087029	14.679	1178165	14.679	92	60 - 140	0.0000	+/-0.50	
VP-6 (20F0192-01RE2)			Lab File ID: G2016226.D			Analyzed: 06/11/20 02:38			
Bromochloromethane (1)	294172	8.527	320556	8.527	92	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1217685	10.302	1332665	10.301	91	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	1079238	14.679	1178165	14.679	92	60 - 140	0.0000	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
VP-11 (20F0192-06)			Lab File ID: G2016228.D			Analyzed: 06/11/20 03:57			
Bromochloromethane (1)	304771	8.521	320556	8.527	95	60 - 140	-0.0060	+/-0.50	
1,4-Difluorobenzene (1)	1242547	10.302	1332665	10.301	93	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	1116675	14.679	1178165	14.679	95	60 - 140	0.0000	+/-0.50	
VP-10 (20F0192-05)			Lab File ID: G2016229.D			Analyzed: 06/11/20 04:37			
Bromochloromethane (1)	306347	8.521	320556	8.527	96	60 - 140	-0.0060	+/-0.50	
1,4-Difluorobenzene (1)	1253513	10.302	1332665	10.301	94	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	1144015	14.679	1178165	14.679	97	60 - 140	0.0000	+/-0.50	
VP-9 (20F0192-04)			Lab File ID: G2016230.D			Analyzed: 06/11/20 05:18			
Bromochloromethane (1)	297389	8.527	320556	8.527	93	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1244678	10.301	1332665	10.301	93	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1123750	14.679	1178165	14.679	95	60 - 140	0.0000	+/-0.50	
VP-8 (20F0192-03)			Lab File ID: G2016231.D			Analyzed: 06/11/20 05:58			
Bromochloromethane (1)	303556	8.521	320556	8.527	95	60 - 140	-0.0060	+/-0.50	
1,4-Difluorobenzene (1)	1236832	10.301	1332665	10.301	93	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1105221	14.679	1178165	14.679	94	60 - 140	0.0000	+/-0.50	
VP-7 (20F0192-02)			Lab File ID: G2016232.D			Analyzed: 06/11/20 06:39			
Bromochloromethane (1)	297236	8.521	320556	8.527	93	60 - 140	-0.0060	+/-0.50	
1,4-Difluorobenzene (1)	1231912	10.301	1332665	10.301	92	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1106100	14.673	1178165	14.679	94	60 - 140	-0.0060	+/-0.50	
VP-6 (20F0192-01)			Lab File ID: G2016233.D			Analyzed: 06/11/20 07:20			
Bromochloromethane (1)	293786	8.521	320556	8.527	92	60 - 140	-0.0060	+/-0.50	
1,4-Difluorobenzene (1)	1226385	10.301	1332665	10.301	92	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1113785	14.679	1178165	14.679	95	60 - 140	0.0000	+/-0.50	

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CONTINUING CALIBRATION CHECK

EPA TO-15

S049253-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	5.00	5.90	0.8226682	0.9714421		18.1	30
Benzene	A	5.00	4.14	0.8244002	0.6832037		-17.1	30
Benzyl chloride	A	5.00	4.36	0.8260563	0.7206692		-12.8	30
Bromodichloromethane	A	5.00	4.45	0.5561458	0.4946948		-11.0	30
Bromoform	A	5.00	5.32	0.4612233	0.4912018		6.5	30
Bromomethane	A	5.00	6.26	0.6411598	0.803429		25.3	30
1,3-Butadiene	A	5.00	5.50	0.4564428	0.5016634		9.9	30
2-Butanone (MEK)	A	5.00	4.42	1.480281	1.30964		-11.5	30
Carbon Disulfide	A	5.00	5.46	2.363839	2.582982		9.3	30
Carbon Tetrachloride	A	5.00	4.97	0.441401	0.4385726		-0.6	30
Chlorobenzene	A	5.00	4.81	0.8164423	0.785896		-3.7	30
Chloroethane	A	5.00	5.66	0.3090057	0.3500019		13.3	30
Chloroform	A	5.00	5.71	1.679906	1.91946		14.3	30
Chloromethane	A	5.00	5.29	0.5650191	0.5975518		5.8	30
Cyclohexane	A	5.00	3.96	0.3719275	0.2947838		-20.7	30
Dibromochloromethane	A	5.00	5.17	0.5519692	0.5711078		3.5	30
1,2-Dibromoethane (EDB)	A	5.00	4.93	0.5404541	0.5333175		-1.3	30
1,2-Dichlorobenzene	A	5.00	4.27	0.6037017	0.515743		-14.6	30
1,3-Dichlorobenzene	A	5.00	4.72	0.6547961	0.6180214		-5.6	30
1,4-Dichlorobenzene	A	5.00	4.58	0.6708059	0.6150391		-8.3	30
Dichlorodifluoromethane (Freon 12)	A	5.00	5.82	1.813705	2.11222		16.5	30
1,1-Dichloroethane	A	5.00	5.00	1.471247	1.471074		-0.01	30
1,2-Dichloroethane	A	5.00	5.54	0.9648941	1.069831		10.9	30
1,1-Dichloroethylene	A	5.00	5.25	1.189618	1.248181		4.9	30
cis-1,2-Dichloroethylene	A	5.00	4.96	1.061339	1.051957		-0.9	30
trans-1,2-Dichloroethylene	A	5.00	5.07	1.079115	1.093899		1.4	30
1,2-Dichloropropane	A	5.00	3.65	0.3133253	0.2289091		-26.9	30
cis-1,3-Dichloropropene	A	5.00	4.29	0.4644092	0.3982156		-14.3	30
trans-1,3-Dichloropropene	A	5.00	4.36	0.3733138	0.3252935		-12.9	30
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 1	A	5.00	6.02	1.737312	2.092554		20.4	30
1,4-Dioxane	A	5.00	3.67	0.1637442	0.1201358		-26.6	30
Ethanol	A	5.00	6.59	0.1403493	0.1848937		31.7	30 *
Ethyl Acetate	A	5.00	5.20	0.2540291	0.2640762		4.0	30
Ethylbenzene	A	5.00	4.43	1.337367	1.18411		-11.5	30
4-Ethyltoluene	A	5.00	4.37	1.344693	1.174301		-12.7	30
Heptane	A	5.00	3.78	0.2436406	0.1842408		-24.4	30
Hexachlorobutadiene	A	5.00	3.18	0.3436651	0.218584		-36.4	30 *
Hexane	A	5.00	5.40	0.851128	0.8271279		7.9	30

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CONTINUING CALIBRATION CHECK

EPA TO-15

S049253-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
2-Hexanone (MBK)	A	5.00	3.52	0.5682054	0.3995339		-29.7	30	
Isopropanol	A	5.00	4.69	0.9437464	0.8848576		-6.2	30	
Methyl tert-Butyl Ether (MTBE)	A	5.00	5.06	2.041565	2.064628		1.1	30	
Methylene Chloride	A	5.00	4.94	0.8797149	0.8684261		-1.3	30	
4-Methyl-2-pentanone (MIBK)	A	5.00	3.42	0.5486189	0.3746994		-31.7	30	*
Naphthalene	A	5.00	3.85	0.8832981	0.6794064		-23.1	30	
Propene	A	5.00	4.22	0.662428	0.5592533		-15.6	30	
Styrene	A	5.00	4.74	0.7676271	0.7269216		-5.3	30	
1,1,2,2-Tetrachloroethane	A	5.00	4.14	0.7862906	0.6515665		-17.1	30	
Tetrachloroethylene	A	5.00	4.97	0.4275453	0.4247093		-0.7	30	
Tetrahydrofuran	A	5.00	4.87	0.3488334	0.3398495		-2.6	30	
Toluene	A	5.00	4.39	1.068775	0.9388566		-12.2	30	
1,2,4-Trichlorobenzene	A	5.00	3.55	0.3999938	0.2841083		-29.0	30	
1,1,1-Trichloroethane	A	5.00	4.58	0.4777907	0.4379327		-8.3	30	
1,1,2-Trichloroethane	A	5.00	4.66	0.3686116	0.3432307		-6.9	30	
Trichloroethylene	A	5.00	4.48	0.3524227	0.3157018		-10.4	30	
Trichlorofluoromethane (Freon 11)	A	5.00	6.49	1.472664	1.910281		29.7	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	A	5.00	5.85	1.647135	1.927756		17.0	30	
1,2,4-Trimethylbenzene	A	5.00	4.29	1.053095	0.9031713		-14.2	30	
1,3,5-Trimethylbenzene	A	5.00	4.41	1.076662	0.9504353		-11.7	30	
Vinyl Acetate	A	5.00	5.07	2.141917	2.173469		1.5	30	
Vinyl Chloride	A	5.00	5.62	0.6520836	0.7329914		12.4	30	
m&p-Xylene	A	10.0	9.01	0.9968291	0.8979353		-9.9	30	
o-Xylene	A	5.00	4.47	1.018283	0.9106161		-10.6	30	

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

* Values outside of QC limits

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA TO-15 in Air	
Acetone	AIHA,NY,ME,NH
Benzene	AIHA,FL,NJ,NY,ME,NH,VA
Benzyl chloride	AIHA,FL,NJ,NY,ME,NH,VA
Bromodichloromethane	AIHA,NJ,NY,ME,NH,VA
Bromoform	AIHA,NJ,NY,ME,NH,VA
Bromomethane	AIHA,FL,NJ,NY,ME,NH
1,3-Butadiene	AIHA,NJ,NY,ME,NH,VA
2-Butanone (MEK)	AIHA,FL,NJ,NY,ME,NH,VA
Carbon Disulfide	AIHA,NJ,NY,ME,NH,VA
Carbon Tetrachloride	AIHA,FL,NJ,NY,ME,NH,VA
Chlorobenzene	AIHA,FL,NJ,NY,ME,NH,VA
Chloroethane	AIHA,FL,NJ,NY,ME,NH,VA
Chloroform	AIHA,FL,NJ,NY,ME,NH,VA
Chloromethane	AIHA,FL,NJ,NY,ME,NH,VA
Cyclohexane	AIHA,NJ,NY,ME,NH,VA
Dibromochloromethane	AIHA,NY,ME,NH
1,2-Dibromoethane (EDB)	AIHA,NJ,NY,ME,NH
1,2-Dichlorobenzene	AIHA,FL,NJ,NY,ME,NH,VA
1,3-Dichlorobenzene	AIHA,NJ,NY,ME,NH
1,4-Dichlorobenzene	AIHA,FL,NJ,NY,ME,NH,VA
Dichlorodifluoromethane (Freon 12)	AIHA,NY,ME,NH
1,1-Dichloroethane	AIHA,FL,NJ,NY,ME,NH,VA
1,2-Dichloroethane	AIHA,FL,NJ,NY,ME,NH,VA
1,1-Dichloroethylene	AIHA,FL,NJ,NY,ME,NH,VA
cis-1,2-Dichloroethylene	AIHA,FL,NY,ME,NH,VA
trans-1,2-Dichloroethylene	AIHA,NJ,NY,ME,NH,VA
1,2-Dichloropropane	AIHA,FL,NJ,NY,ME,NH,VA
cis-1,3-Dichloropropene	AIHA,FL,NJ,NY,ME,NH,VA
trans-1,3-Dichloropropene	AIHA,NY,ME,NH
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	AIHA,NJ,NY,ME,NH,VA
1,4-Dioxane	AIHA,NJ,NY,ME,NH,VA
Ethanol	AIHA
Ethyl Acetate	AIHA
Ethylbenzene	AIHA,FL,NJ,NY,ME,NH,VA
4-Ethyltoluene	AIHA,NJ
Heptane	AIHA,NJ,NY,ME,NH,VA
Hexachlorobutadiene	AIHA,NJ,NY,ME,NH,VA
Hexane	AIHA,FL,NJ,NY,ME,NH,VA
2-Hexanone (MBK)	AIHA
Isopropanol	AIHA,NY,ME,NH
Methyl tert-Butyl Ether (MTBE)	AIHA,FL,NJ,NY,ME,NH,VA
Methylene Chloride	AIHA,FL,NJ,NY,ME,NH,VA
4-Methyl-2-pentanone (MIBK)	AIHA,FL,NJ,NY,ME,NH
Naphthalene	NY,ME,NH
Propene	AIHA
Styrene	AIHA,FL,NJ,NY,ME,NH,VA
1,1,2,2-Tetrachloroethane	AIHA,FL,NJ,NY,ME,NH,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA TO-15 in Air	
Tetrachloroethylene	AIHA,FL,NJ,NY,ME,NH,VA
Tetrahydrofuran	AIHA
Toluene	AIHA,FL,NJ,NY,ME,NH,VA
1,2,4-Trichlorobenzene	AIHA,NJ,NY,ME,NH,VA
1,1,1-Trichloroethane	AIHA,FL,NJ,NY,ME,NH,VA
1,1,2-Trichloroethane	AIHA,FL,NJ,NY,ME,NH,VA
Trichloroethylene	AIHA,FL,NJ,NY,ME,NH,VA
Trichlorofluoromethane (Freon 11)	AIHA,NY,ME,NH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	AIHA,NJ,NY,ME,NH,VA
1,2,4-Trimethylbenzene	AIHA,NJ,NY,ME,NH
1,3,5-Trimethylbenzene	AIHA,NJ,NY,ME,NH
Vinyl Acetate	AIHA,FL,NJ,NY,ME,NH,VA
Vinyl Chloride	AIHA,FL,NJ,NY,ME,NH,VA
m&p-Xylene	AIHA,FL,NJ,NY,ME,NH,VA
o-Xylene	AIHA,FL,NJ,NY,ME,NH,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2022
MA	Massachusetts DEP	M-MA100	06/30/2020
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2021
NY	New York State Department of Health	10899 NELAP	04/1/2021
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2021
RI	Rhode Island Department of Health	LAO00112	12/30/2020
NC	North Carolina Div. of Water Quality	652	12/31/2020
NJ	New Jersey DEP	MA007 NELAP	06/30/2020
FL	Florida Department of Health	E871027 NELAP	06/30/2020
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2021
ME	State of Maine	2011028	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2020
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2020
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2020
NC-DW	North Carolina Department of Health	25703	07/31/2020
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2020

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Doc #378 Rev 1_03242017

CHAIN OF CUSTODY RECORD (AIR)

39 Spruce Street
East Longmeadow, MA 01028

Company Name:	HRP Assoc Inc
Address:	197 Scott Swamp Rd
Phone:	Farmington, CT 06032
Project Name:	2 Halsey Rd
Project Location:	Whitesboro, NY
Project Number:	WHI6524 Gw
Project Manager:	Brian Lowry
Con-Test Quote Name/Number:	
Invoice Recipient:	HRP Assoc Inc
Sampled By:	KB

Requested Turnaround Time
7-Day ☐ 10-Day ☐
Due Date: 5 day

Rush Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☐ EXCEL ☐
Other:
CLP Like Data Pkg Required: ☐
Email To: zodo@hrpassociates.com
Fax To #:

ANALYSIS REQUESTED

Lab Use	Client Use	Collection Data		Duration	Flow Rate	Matrix	Volume					" Hg			Summa Can ID	Flow Controller ID
Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Total Minutes Sampled	m³/min L/min	Code	Liters m³	TO-15				Initial Pressure	Final Pressure	Lab Receipt Pressure		
01	VP-6	6.2.20 1:39	5:39	240	0.025	SG	6L	X				27	7	9.5	BC1196	4630
02	VP-7	6.2.20 1:42	5:42									29	7	8.3	BC1831	4612
03	VP-8	6.2.20 1:45	5:45									29	9	9.5	BC2473	4609
04	VP-9	6.2.20 1:47	5:47									28	8	10	BC1447	4602
05	VP-10	6.2.20 1:48	5:48									29	7	8.7	BC2190	4626
06	VP-11	6.2.20 1:49	5:49									29	9	9	BC1201	4611
07	BL-1 trip blank	6.2.20												29.9	BC1390	

Please fill out completely, sign, date and retain the yellow copy for your records

Summa canisters and flow controllers must be returned within 15 days of receipt or rental fees will apply

For summa canister and flow controller information please refer to Con-Test's Air Media Agreement

Comments:

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Matrix Codes:
SG = SOIL GAS
IA = INDOOR AIR
AMB = AMBIENT
SS = SUB SLAB
D = DUP
BL = BLANK
O = Other_____

Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time: 10:55	
Relinquished by: (signature)	Date/Time: 6:15	
Received by: (signature)	Date/Time: 6/4/20 1815	
Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time:	

Detection Limit Requirements
MA
MCP
CT RCP
Other

Special Requirements
☐ MA MCP Required
MCP Certification Form Required
☐ CT RCP Required
RCP Certification Form Required
☐ Other

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NELAC and AIHA-LAP, LLC Accredited

Project Entity
☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ *AIHA-LAP, LLC*

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

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I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

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Doc# 278 Rev 6 2017

Air Media Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client HRP

Received By RLF | Date 6/4/20 | Time 1815

How were the samples received? In Cooler _____ | On Ice _____ | No Ice _____

In Box T | Ambient _____ | Melted Ice _____

Were samples within Temperature Compliance? 2-6°C NA | By Gun # _____ Actual Temp - _____ | By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? NA | Were Samples Tampered with? NA

Was COC Relinquished ? T | Does Chain Agree With Samples? T

Are there any loose caps/valves on any samples? F

Is COC in ink/ Legible? T

Did COC Include all Pertinent Information? Client T | Analysis T | Sampler Name T

Project T | ID's T | Collection Dates/Times T

Are Sample Labels filled out and legible? T

Are there Rushes? F | Who was notified? _____

Samples are received within holding time? T

Proper Media Used? T | Individually Certified Cans? F

Are there Trip Blanks? T | Is there enough Volume? T

Containers:	#	Size	Regulator	Duration	Accessories:			
Summa Cans	8	6L	8	4hr	Nut/Ferrule		IC Train	
Tedlar Bags					Tubing			
TO-17 Tubes					T-Connector		Shipping Charges	
Radiello					Syringe			
Pufs/TO-11s					Tedlar			

Can #'s					Reg #'s				
1196	1390				4630	4648			
1831					4612				
2173					4609				
1447					4602				
2196					4620				
1201					4641				
Unused Media					**Pufs/TO-17's**				
1007	(275)	4647							

Comments:

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June 11, 2020

Brian Lowry
HRP Associates, Inc. (Private)
197 Scott Swamp Road
Farmington, CT 06032

Project Location: 2 Halsey Rd, Whitesboro, NY
Client Job Number:
Project Number: WHI6525.GW
Laboratory Work Order Number: 20F0194

Enclosed are results of analyses for samples received by the laboratory on June 4, 2020. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kerry K. McGee
Project Manager

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HRP Associates, Inc. (Private)
197 Scott Swamp Road
Farmington, CT 06032
ATTN: Brian Lowry

REPORT DATE: 6/11/2020

PURCHASE ORDER NUMBER:

PROJECT NUMBER: WHI6525.GW

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 20F0194

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 2 Halsey Rd, Whitesboro, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-2	20F0194-01	Ground Water		SW-846 8260C-D	
				SW-846 8270D-E	
MW-3	20F0194-02	Ground Water		SW-846 8260C-D	
				SW-846 8270D-E	
MW-4	20F0194-03	Ground Water		SW-846 8260C-D	
				SW-846 8270D-E	
MW-8	20F0194-04	Ground Water		SW-846 8260C-D	
				SW-846 8270D-E	

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CASE NARRATIVE SUMMARY

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

SW-846 8260C-D

Qualifications:

RL-13

Elevated reporting limit due to high concentration of non-target compounds.

Analyte & Samples(s) Qualified:

20F0194-01[MW-2]

V-05

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

Analyte & Samples(s) Qualified:

Methyl tert-Butyl Ether (MTBE)
20F0194-01[MW-2], 20F0194-02[MW-3], 20F0194-03[MW-4], 20F0194-04[MW-8], B259365-BLK1, B259365-BS1, B259365-BSD1, S049126-CCV1

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



Lisa A. Worthington
Technical Representative

con-test® ANALYTICAL LABORATORY
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Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0194

Date Received: 6/4/2020

Field Sample #: MW-2 | Sampled: 6/2/2020 17:52

Sample ID: 20F0194-01

Sample Matrix: Ground Water

Sample Flags: RL-13

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 15:40	MFF
n-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 15:40	MFF
sec-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 15:40	MFF
tert-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 15:40	MFF
Ethylbenzene	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 15:40	MFF
Isopropylbenzene (Cumene)	ND	4.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 15:40	MFF
p-Isopropyltoluene (p-Cymene)	ND	4.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 15:40	MFF
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L	2	V-05	SW-846 8260C-D	6/5/20	6/5/20 15:40	MFF
Naphthalene	ND	10	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 15:40	MFF
n-Propylbenzene	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 15:40	MFF
Toluene	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 15:40	MFF
1,2,4-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 15:40	MFF
1,3,5-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 15:40	MFF
m+p Xylene	ND	4.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 15:40	MFF
o-Xylene	ND	2.0	µg/L	2		SW-846 8260C-D	6/5/20	6/5/20 15:40	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	88.5	70-130		6/5/20 15:40
Toluene-d8	92.4	70-130		6/5/20 15:40
4-Bromofluorobenzene	100	70-130		6/5/20 15:40

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Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0194

Date Received: 6/4/2020

Field Sample #: MW-2 | Sampled: 6/2/2020 17:52

Sample ID: 20F0194-01

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:27	BGL
Acenaphthylene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:27	BGL
Anthracene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:27	BGL
Benzo(a)anthracene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:27	BGL
Benzo(a)pyrene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:27	BGL
Benzo(b)fluoranthene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:27	BGL
Benzo(g,h,i)perylene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:27	BGL
Benzo(k)fluoranthene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:27	BGL
Chrysene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:27	BGL
Dibenz(a,h)anthracene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:27	BGL
Fluoranthene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:27	BGL
Fluorene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:27	BGL
Indeno(1,2,3-cd)pyrene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:27	BGL
Naphthalene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:27	BGL
Phenanthrene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:27	BGL
Pyrene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:27	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Nitrobenzene-d5	69.5	30-130		6/8/20 15:27
2-Fluorobiphenyl	75.2	30-130		6/8/20 15:27
p-Terphenyl-d14	76.5	30-130		6/8/20 15:27

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Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0194

Date Received: 6/4/2020

Field Sample #: MW-3 | Sampled: 6/2/2020 15:12

Sample ID: 20F0194-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:04	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:04	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:04	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:04	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:04	MFF
Isopropylbenzene (Cumene)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:04	MFF
p-Isopropyltoluene (p-Cymene)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:04	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	6/5/20	6/5/20 16:04	MFF
Naphthalene	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:04	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:04	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:04	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:04	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:04	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:04	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:04	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	89.5	70-130		6/5/20 16:04
Toluene-d8	92.8	70-130		6/5/20 16:04
4-Bromofluorobenzene	101	70-130		6/5/20 16:04

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Project Location: 2 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 20F0194

Date Received: 6/4/2020

Field Sample #: MW-3 Sampled: 6/2/2020 15:12

Sample ID: 20F0194-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:51	BGL
Acenaphthylene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:51	BGL
Anthracene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:51	BGL
Benzo(a)anthracene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:51	BGL
Benzo(a)pyrene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:51	BGL
Benzo(b)fluoranthene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:51	BGL
Benzo(g,h,i)perylene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:51	BGL
Benzo(k)fluoranthene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:51	BGL
Chrysene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:51	BGL
Dibenz(a,h)anthracene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:51	BGL
Fluoranthene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:51	BGL
Fluorene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:51	BGL
Indeno(1,2,3-cd)pyrene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:51	BGL
Naphthalene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:51	BGL
Phenanthrene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:51	BGL
Pyrene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 15:51	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Nitrobenzene-d5	65.2	30-130		6/8/20 15:51
2-Fluorobiphenyl	73.1	30-130		6/8/20 15:51
p-Terphenyl-d14	79.7	30-130		6/8/20 15:51

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Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0194

Date Received: 6/4/2020

Field Sample #: MW-4 | Sampled: 6/2/2020 16:51

Sample ID: 20F0194-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:28	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:28	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:28	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:28	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:28	MFF
Isopropylbenzene (Cumene)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:28	MFF
p-Isopropyltoluene (p-Cymene)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:28	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	6/5/20	6/5/20 16:28	MFF
Naphthalene	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:28	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:28	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:28	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:28	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:28	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:28	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:28	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	94.0	70-130		6/5/20 16:28
Toluene-d8	93.6	70-130		6/5/20 16:28
4-Bromofluorobenzene	98.9	70-130		6/5/20 16:28

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Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0194

Date Received: 6/4/2020

Field Sample #: MW-4 | Sampled: 6/2/2020 16:51

Sample ID: 20F0194-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:14	BGL
Acenaphthylene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:14	BGL
Anthracene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:14	BGL
Benzo(a)anthracene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:14	BGL
Benzo(a)pyrene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:14	BGL
Benzo(b)fluoranthene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:14	BGL
Benzo(g,h,i)perylene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:14	BGL
Benzo(k)fluoranthene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:14	BGL
Chrysene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:14	BGL
Dibenz(a,h)anthracene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:14	BGL
Fluoranthene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:14	BGL
Fluorene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:14	BGL
Indeno(1,2,3-cd)pyrene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:14	BGL
Naphthalene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:14	BGL
Phenanthrene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:14	BGL
Pyrene	ND	4.9	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:14	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Nitrobenzene-d5	72.2	30-130		6/8/20 16:14
2-Fluorobiphenyl	77.8	30-130		6/8/20 16:14
p-Terphenyl-d14	80.3	30-130		6/8/20 16:14

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

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0194

Date Received: 6/4/2020

Field Sample #: MW-8 | Sampled: 6/2/2020 18:59

Sample ID: 20F0194-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:52	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:52	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:52	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:52	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:52	MFF
Isopropylbenzene (Cumene)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:52	MFF
p-Isopropyltoluene (p-Cymene)	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:52	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	6/5/20	6/5/20 16:52	MFF
Naphthalene	ND	5.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:52	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:52	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:52	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:52	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:52	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:52	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/5/20	6/5/20 16:52	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	96.2	70-130		6/5/20 16:52
Toluene-d8	92.6	70-130		6/5/20 16:52
4-Bromofluorobenzene	99.5	70-130		6/5/20 16:52

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

Project Location: 2 Halsey Rd, Whitesboro, NY | Sample Description: | Work Order: 20F0194

Date Received: 6/4/2020

Field Sample #: MW-8 | Sampled: 6/2/2020 18:59

Sample ID: 20F0194-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:37	BGL
Acenaphthylene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:37	BGL
Anthracene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:37	BGL
Benzo(a)anthracene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:37	BGL
Benzo(a)pyrene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:37	BGL
Benzo(b)fluoranthene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:37	BGL
Benzo(g,h,i)perylene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:37	BGL
Benzo(k)fluoranthene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:37	BGL
Chrysene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:37	BGL
Dibenz(a,h)anthracene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:37	BGL
Fluoranthene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:37	BGL
Fluorene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:37	BGL
Indeno(1,2,3-cd)pyrene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:37	BGL
Naphthalene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:37	BGL
Phenanthrene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:37	BGL
Pyrene	ND	4.8	µg/L	1		SW-846 8270D-E	6/5/20	6/8/20 16:37	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Nitrobenzene-d5	65.3	30-130		6/8/20 16:37
2-Fluorobiphenyl	72.4	30-130		6/8/20 16:37
p-Terphenyl-d14	73.0	30-130		6/8/20 16:37

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Sample Extraction Data

Prep Method: SW-846 5030B **Analytical Method: SW-846 8260C-D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20F0194-01 [MW-2]	B259365	2.5	5.00	06/05/20
20F0194-02 [MW-3]	B259365	5	5.00	06/05/20
20F0194-03 [MW-4]	B259365	5	5.00	06/05/20
20F0194-04 [MW-8]	B259365	5	5.00	06/05/20

Prep Method: SW-846 3510C **Analytical Method: SW-846 8270D-E**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20F0194-01 [MW-2]	B259404	1040	1.00	06/05/20
20F0194-02 [MW-3]	B259404	1020	1.00	06/05/20
20F0194-03 [MW-4]	B259404	1030	1.00	06/05/20
20F0194-04 [MW-8]	B259404	1050	1.00	06/05/20

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B259365 - SW-846 5030B											
Blank (B259365-BLK1)				Prepared & Analyzed: 06/05/20							
Benzene	ND	1.0	µg/L								
n-Butylbenzene	ND	1.0	µg/L								
sec-Butylbenzene	ND	1.0	µg/L								
tert-Butylbenzene	ND	1.0	µg/L								
Ethylbenzene	ND	1.0	µg/L								
Isopropylbenzene (Cumene)	ND	1.0	µg/L								
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L								
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							V-05	
Naphthalene	ND	2.0	µg/L								
n-Propylbenzene	ND	1.0	µg/L								
Toluene	ND	1.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*26.1*		µg/L	25.0		104	70-130				
Surrogate: Toluene-d8	*23.4*		µg/L	25.0		93.7	70-130				
Surrogate: 4-Bromofluorobenzene	*25.2*		µg/L	25.0		101	70-130				
LCS (B259365-BS1)				Prepared & Analyzed: 06/05/20							
Benzene	21.4	1.0	µg/L	20.0		107	70-130				
n-Butylbenzene	22.7	1.0	µg/L	20.0		113	70-130				
sec-Butylbenzene	23.9	1.0	µg/L	20.0		119	70-130				
tert-Butylbenzene	23.2	1.0	µg/L	20.0		116	70-130				
Ethylbenzene	22.3	1.0	µg/L	20.0		112	70-130				
Isopropylbenzene (Cumene)	20.7	1.0	µg/L	20.0		104	70-130				
p-Isopropyltoluene (p-Cymene)	21.0	1.0	µg/L	20.0		105	70-130				
Methyl tert-Butyl Ether (MTBE)	15.8	1.0	µg/L	20.0		79.0	70-130			V-05	
Naphthalene	16.2	2.0	µg/L	20.0		81.0	40-130				†
n-Propylbenzene	21.0	1.0	µg/L	20.0		105	70-130				
Toluene	20.3	1.0	µg/L	20.0		102	70-130				
1,2,4-Trimethylbenzene	21.6	1.0	µg/L	20.0		108	70-130				
1,3,5-Trimethylbenzene	20.3	1.0	µg/L	20.0		102	70-130				
m+p Xylene	45.7	2.0	µg/L	40.0		114	70-130				
o-Xylene	22.2	1.0	µg/L	20.0		111	70-130				
Surrogate: 1,2-Dichloroethane-d4	*24.3*		µg/L	25.0		97.2	70-130				
Surrogate: Toluene-d8	*24.6*		µg/L	25.0		98.2	70-130				
Surrogate: 4-Bromofluorobenzene	*26.4*		µg/L	25.0		106	70-130				
LCS Dup (B259365-BSD1)				Prepared & Analyzed: 06/05/20							
Benzene	20.3	1.0	µg/L	20.0		102	70-130	5.03	25		
n-Butylbenzene	22.5	1.0	µg/L	20.0		113	70-130	0.575	25		
sec-Butylbenzene	23.0	1.0	µg/L	20.0		115	70-130	3.76	25		
tert-Butylbenzene	22.8	1.0	µg/L	20.0		114	70-130	1.91	25		
Ethylbenzene	22.2	1.0	µg/L	20.0		111	70-130	0.674	25		
Isopropylbenzene (Cumene)	20.6	1.0	µg/L	20.0		103	70-130	0.483	25		
p-Isopropyltoluene (p-Cymene)	20.6	1.0	µg/L	20.0		103	70-130	1.82	25		
Methyl tert-Butyl Ether (MTBE)	15.4	1.0	µg/L	20.0		76.9	70-130	2.63	25	V-05	
Naphthalene	17.0	2.0	µg/L	20.0		85.2	40-130	5.17	25		†
n-Propylbenzene	21.3	1.0	µg/L	20.0		106	70-130	1.37	25		
Toluene	20.5	1.0	µg/L	20.0		102	70-130	0.735	25		
1,2,4-Trimethylbenzene	21.3	1.0	µg/L	20.0		107	70-130	1.26	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B259365 - SW-846 5030B										
LCS Dup (B259365-BSD1)				Prepared & Analyzed: 06/05/20						
1,3,5-Trimethylbenzene	20.2	1.0	µg/L	20.0		101	70-130	0.444	25	
m+p Xylene	45.6	2.0	µg/L	40.0		114	70-130	0.197	25	
o-Xylene	22.4	1.0	µg/L	20.0		112	70-130	0.673	25	
Surrogate: 1,2-Dichloroethane-d4	*24.0*		µg/L	25.0		96.1	70-130			
Surrogate: Toluene-d8	*25.4*		µg/L	25.0		102	70-130			
Surrogate: 4-Bromofluorobenzene	*27.6*		µg/L	25.0		110	70-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B259404 - SW-846 3510C										
Blank (B259404-BLK1)				Prepared: 06/05/20 Analyzed: 06/08/20						
Acenaphthene	ND	5.0	µg/L							
Acenaphthylene	ND	5.0	µg/L							
Anthracene	ND	5.0	µg/L							
Benzo(a)anthracene	ND	5.0	µg/L							
Benzo(a)pyrene	ND	5.0	µg/L							
Benzo(b)fluoranthene	ND	5.0	µg/L							
Benzo(g,h,i)perylene	ND	5.0	µg/L							
Benzo(k)fluoranthene	ND	5.0	µg/L							
Chrysene	ND	5.0	µg/L							
Dibenz(a,h)anthracene	ND	5.0	µg/L							
Fluoranthene	ND	5.0	µg/L							
Fluorene	ND	5.0	µg/L							
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L							
Naphthalene	ND	5.0	µg/L							
Phenanthrene	ND	5.0	µg/L							
Pyrene	ND	5.0	µg/L							
Surrogate: Nitrobenzene-d5	*71.8*		µg/L	100		71.8	30-130			
Surrogate: 2-Fluorobiphenyl	*79.8*		µg/L	100		79.8	30-130			
Surrogate: p-Terphenyl-d14	*87.9*		µg/L	100		87.9	30-130			
LCS (B259404-BS1)				Prepared: 06/05/20 Analyzed: 06/08/20						
Acenaphthene	46.1	5.0	µg/L	50.0		92.1	40-140			
Acenaphthylene	43.6	5.0	µg/L	50.0		87.2	40-140			
Anthracene	48.0	5.0	µg/L	50.0		96.0	40-140			
Benzo(a)anthracene	47.3	5.0	µg/L	50.0		94.6	40-140			
Benzo(a)pyrene	46.1	5.0	µg/L	50.0		92.2	40-140			
Benzo(b)fluoranthene	46.0	5.0	µg/L	50.0		91.9	40-140			
Benzo(g,h,i)perylene	51.8	5.0	µg/L	50.0		104	40-140			
Benzo(k)fluoranthene	47.7	5.0	µg/L	50.0		95.4	40-140			
Chrysene	47.6	5.0	µg/L	50.0		95.2	40-140			
Dibenz(a,h)anthracene	52.6	5.0	µg/L	50.0		105	40-140			
Fluoranthene	50.0	5.0	µg/L	50.0		100	40-140			
Fluorene	47.8	5.0	µg/L	50.0		95.6	40-140			
Indeno(1,2,3-cd)pyrene	57.7	5.0	µg/L	50.0		115	40-140			
Naphthalene	42.3	5.0	µg/L	50.0		84.7	40-140			
Phenanthrene	48.4	5.0	µg/L	50.0		96.9	40-140			
Pyrene	45.9	5.0	µg/L	50.0		91.8	40-140			
Surrogate: Nitrobenzene-d5	*83.0*		µg/L	100		83.0	30-130			
Surrogate: 2-Fluorobiphenyl	*94.8*		µg/L	100		94.8	30-130			
Surrogate: p-Terphenyl-d14	*101*		µg/L	100		101	30-130			
LCS Dup (B259404-BSD1)				Prepared: 06/05/20 Analyzed: 06/08/20						
Acenaphthene	40.1	5.0	µg/L	50.0		80.1	40-140	13.9	20	
Acenaphthylene	37.9	5.0	µg/L	50.0		75.8	40-140	13.9	20	
Anthracene	42.7	5.0	µg/L	50.0		85.4	40-140	11.7	20	
Benzo(a)anthracene	40.8	5.0	µg/L	50.0		81.5	40-140	14.8	20	
Benzo(a)pyrene	40.6	5.0	µg/L	50.0		81.2	40-140	12.7	20	
Benzo(b)fluoranthene	40.0	5.0	µg/L	50.0		80.0	40-140	13.8	20	
Benzo(g,h,i)perylene	46.5	5.0	µg/L	50.0		93.1	40-140	10.6	20	
Benzo(k)fluoranthene	41.1	5.0	µg/L	50.0		82.2	40-140	14.9	20	
Chrysene	41.7	5.0	µg/L	50.0		83.5	40-140	13.1	20	
Dibenz(a,h)anthracene	47.4	5.0	µg/L	50.0		94.9	40-140	10.3	20	

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B259404 - SW-846 3510C										
LCS Dup (B259404-BSD1)				Prepared: 06/05/20 Analyzed: 06/08/20						
Fluoranthene	42.3	5.0	µg/L	50.0		84.6	40-140	16.8	20	
Fluorene	40.4	5.0	µg/L	50.0		80.9	40-140	16.7	20	
Indeno(1,2,3-cd)pyrene	51.9	5.0	µg/L	50.0		104	40-140	10.5	50	‡
Naphthalene	38.2	5.0	µg/L	50.0		76.3	40-140	10.4	20	
Phenanthrene	42.5	5.0	µg/L	50.0		85.0	40-140	13.1	20	
Pyrene	38.8	5.0	µg/L	50.0		77.5	40-140	16.9	20	
Surrogate: Nitrobenzene-d5	*77.5*		µg/L	100		77.5	30-130			
Surrogate: 2-Fluorobiphenyl	*85.8*		µg/L	100		85.8	30-130			
Surrogate: p-Terphenyl-d14	*85.1*		µg/L	100		85.1	30-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
RL-13	Elevated reporting limit due to high concentration of non-target compounds.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C-D in Water	
Benzene	CT,NH,NY,VA
n-Butylbenzene	NY,VA
sec-Butylbenzene	NY,VA
tert-Butylbenzene	NY,VA
Ethylbenzene	CT,NH,NY,VA
Isopropylbenzene (Cumene)	NY,VA
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,VA
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,VA
Naphthalene	NH,NY,VA
n-Propylbenzene	CT,NH,NY,VA
Toluene	CT,NH,NY,VA
1,2,4-Trimethylbenzene	NY,VA
1,3,5-Trimethylbenzene	NY,VA
m+p Xylene	CT,NH,NY,VA
o-Xylene	CT,NH,NY,VA
SW-846 8270D-E in Water	
Acenaphthene	CT,NY,NH,VA
Acenaphthylene	CT,NY,NH,VA
Anthracene	CT,NY,NH,VA
Benzo(a)anthracene	CT,NY,NH,VA
Benzo(a)pyrene	CT,NY,NH,VA
Benzo(b)fluoranthene	CT,NY,NH,VA
Benzo(g,h,i)perylene	CT,NY,NH,VA
Benzo(k)fluoranthene	CT,NY,NH,VA
Chrysene	CT,NY,NH,VA
Dibenz(a,h)anthracene	CT,NY,NH,VA
Fluoranthene	CT,NY,NH,VA
Fluorene	CT,NY,NH,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NH,VA
Naphthalene	CT,NY,NH,VA
Phenanthrene	CT,NY,NH,VA
Pyrene	CT,NY,NH,VA

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The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2022
MA	Massachusetts DEP	M-MA100	06/30/2020
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2021
NY	New York State Department of Health	10899 NELAP	04/1/2021
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2021
RI	Rhode Island Department of Health	LAO00112	12/30/2020
NC	North Carolina Div. of Water Quality	652	12/31/2020
NJ	New Jersey DEP	MA007 NELAP	06/30/2020
FL	Florida Department of Health	E871027 NELAP	06/30/2020
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2021
ME	State of Maine	2011028	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2020
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2020
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2020
NC-DW	North Carolina Department of Health	25703	07/31/2020
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2020

20F0194

con-test ANALYTICAL LABORATORY

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http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 2_06262019

Page 1 of 1

Company Name: HRP Assoc, Inc.
Address: 197 Scott Swamp Rd, Farmington, CT
Phone: 860-674-9570
Project Name:
Project Location: 2 Halsey Rd, Whitesboro, NY
Project Number: WHI 6525GW
Project Manager: Brian Lowry
Con-Test Quote Name/Number:
Invoice Recipient: HRP
Sampled By: KG, LB, CJL

Requested Turnaround Time			
7-Day	☐	10-Day	☐
PFAS 10-Day (std)	☐	Due Date: 5-day	

Rush Approval Required			
1-Day	☐	3-Day	☐
2-Day	☐	4-Day	☐

Dissolved Metals Samples	
○	Field Filtered
○	Lab to Filter

Orthophosphate Samples	
○	Field Filtered
○	Lab to Filter

Data Delivery
Format: PDF ☐ EXCEL ☐
Other:
CLP Like Data Pkg Required: ☐
Email To: EDD@hrpassociates.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time PM	COMP/GRAB	[1] Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	H,I STARS 8260 VOCs (+ aromatics)	I STARS 8270 PAHs									[2] Preservation Code
1	MW-2	6-2-20	5:52	G	GW	U	3	2				X	X									
2	MW-3	↓	3:12	↓	↓	↓	↓	↓				↓	↓									
3	MW-4	↓	4:51	↓	↓	↓	↓	↓				↓	↓									
4	MW-8	↓	6:59	↓	↓	↓	↓	↓				↓	↓									

Courier Use Only
Total Number Of:
VIALS
GLASS
PLASTIC
BACTERIA
ENCORE

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N
*Contest is not responsible for missing samples from prepacked coolers

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Relinquished by: (signature)	Date/Time:
Christopher J. Labbe	6/4/20
Received by: (signature)	Date/Time:
Donald Quan	6/4/20 10:55
Relinquished by: (signature)	Date/Time:
Donald Quan	6/4/20 16:15
Received by: (signature)	Date/Time:
Peter Van 32	6/4/20 1905
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Client Comments:

Detection Limit Requirements
MA
CT
Other: NY GA

Special Requirements
☐ MA MCP Required
MCP Certification Form Required
☐ CT RCP Required
RCP Certification Form Required
☐ MA State DW Required
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ 21 J ☐ School ☐
City ☐ Brownfield ☐ MBTA ☐

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

Comments:

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con Test values your partnership on each project and will try to assist with missing information, but will not b held accountable.

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I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client HRP

Received By _____ Date 6/4/20 Time 1815

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____

Direct from Sampling _____ Ambient _____ Melted Ice _____

By Gun # 2 Actual Temp - 3.2

Were samples within Temperature? 2-6°C T By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? n/a Were Samples Tampered with? n/a

Was COC Relinquished ? T Does Chain Agree With Samples? T

Are there broken/leaking/loose caps on any samples? F

Is COC in ink/ Legible? T Were samples received within holding time? T

Did COC include all pertinent Information? Client T Project T Analysis T ID's T Sampler Name T Collection Dates/Times T

Are Sample labels filled out and legible? T

Are there Lab to Filters? F Who was notified? _____

Are there Rushes? F Who was notified? _____

Are there Short Holds? F Who was notified? _____

Is there enough Volume? T

Is there Headspace where applicable? F MS/MSD? F

Proper Media/Containers Used? T Is splitting samples required? F

Were trip blanks received? F On COC? F

Do all samples have the proper pH? Acid n/a Base n/a

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.	8	1 Liter Plastic		16 oz Amb.	
HCL-	13	500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

September 23, 2020

Brian Lowry
HRP Associates, Inc. (Private)
197 Scott Swamp Road
Farmington, CT 06032

Project Location: 8273 Halsey Rd, Whitsboro, NY
Client Job Number:
Project Number: WHI6526.P2
Laboratory Work Order Number: 20I0901

Enclosed are results of analyses for samples received by the laboratory on September 16, 2020. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kerry K. McGee
Project Manager

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

HRP Associates, Inc. (Private)
197 Scott Swamp Road
Farmington, CT 06032
ATTN: Brian Lowry

REPORT DATE: 9/23/2020

PURCHASE ORDER NUMBER:

PROJECT NUMBER: WHI6526.P2

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 20I0901

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 8273 Halsey Rd, Whitsboro, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
Trip Blank	20I0901-01	Trip Blank Soil		SW-846 8260C-D	
INT-SB-1 (1-3)	20I0901-02	Soil		SM 2540G	
				SW-846 8260C-D	
INT-SB-2 (1-3)	20I0901-03	Soil		SM 2540G	
				SW-846 8260C-D	
INT-SB-3 (1-3)	20I0901-04	Soil		SM 2540G	
				SW-846 8260C-D	
INT-SB-4 (1-3)	20I0901-05	Soil		SM 2540G	
				SW-846 8260C-D	
INT-SB-5 (2-4)	20I0901-06	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-NE-1 (2-4)	20I0901-07	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-NE-2 (1-3)	20I0901-08	Soil		SM 2540G	
				SW-846 8260C-D	

con-test® ANALYTICAL LABORATORY
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CASE NARRATIVE SUMMARY

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

SW-846 8260C-D

Qualifications:

L-02

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

Analyte & Samples(s) Qualified:

Bromochloromethane
B266758-BS1, B266758-BSD1

V-20

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

Analyte & Samples(s) Qualified:

Bromochloromethane
B266758-BS1, B266758-BSD1, S052551-CCV1

V-36

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

Analyte & Samples(s) Qualified:

Dichlorodifluoromethane (Freon 12
B266758-BS1, B266758-BSD1, S052551-CCV1

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



Lisa A. Worthington
Technical Representative

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd, Whitsboro, NY Sample Description: Work Order: 20I0901

Date Received: 9/16/2020

Field Sample #: Trip Blank Sampled: 9/14/2020 10:00

Sample ID: 20I0901-01

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
Bromodichloromethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
Carbon Tetrachloride	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
Chlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
Chlorodibromomethane	ND	0.0010	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
Chloroethane	ND	0.020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
Chloroform	ND	0.0040	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
Chloromethane	ND	0.010	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
Methylene Chloride	ND	0.020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
Trichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF
Vinyl Chloride	ND	0.010	mg/Kg wet	1		SW-846 8260C-D	9/18/20	9/18/20 8:05	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: 8273 Halsey Rd, Whitsboro, NY Sample Description: Work Order: 20I0901

Date Received: 9/16/2020

Field Sample #: Trip Blank Sampled: 9/14/2020 10:00

Sample ID: 20I0901-01

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		103	70-130					9/18/20 8:05	
Toluene-d8		99.9	70-130					9/18/20 8:05	
4-Bromofluorobenzene		101	70-130					9/18/20 8:05	

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Project Location: 8273 Halsey Rd, Whitsboro, NY Sample Description: Work Order: 20I0901

Date Received: 9/16/2020

Field Sample #: INT-SB-1 (1-3) Sampled: 9/14/2020 13:45

Sample ID: 20I0901-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
Bromodichloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
Carbon Tetrachloride	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
Chlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
Chloroethane	ND	0.023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
Chloroform	ND	0.0045	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
2-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
4-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
1,2-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
1,3-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
1,4-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
trans-1,4-Dichloro-2-butene	ND	0.0045	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
1,1-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
1,2-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
1,1-Dichloroethylene	ND	0.0045	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
cis-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
trans-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
1,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
2,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
1,1-Dichloropropene	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
Hexachlorobutadiene	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
Methylene Chloride	ND	0.023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
Tetrachloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
1,2,3-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
1,2,4-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
1,3,5-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
1,1,1-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
1,1,2-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
Trichloroethylene	0.014	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
1,2,3-Trichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:30	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd, Whitsboro, NY Sample Description: Work Order: 20I0901

Date Received: 9/16/2020

Field Sample #: INT-SB-1 (1-3) Sampled: 9/14/2020 13:45

Sample ID: 20I0901-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		107	70-130					9/18/20 8:30	
Toluene-d8		98.4	70-130					9/18/20 8:30	
4-Bromofluorobenzene		105	70-130					9/18/20 8:30	

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

Project Location: 8273 Halsey Rd, Whitsboro, NY Sample Description: Work Order: 20I0901

Date Received: 9/16/2020

Field Sample #: INT-SB-1 (1-3) Sampled: 9/14/2020 13:45

Sample ID: 20I0901-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	79.3		% Wt	1		SM 2540G	9/20/20	9/21/20 8:26	JS

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd, Whitsboro, NY Sample Description: Work Order: 20I0901

Date Received: 9/16/2020

Field Sample #: INT-SB-2 (1-3) Sampled: 9/14/2020 14:00

Sample ID: 20I0901-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
Bromodichloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
Carbon Tetrachloride	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
Chlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
Chloroethane	ND	0.021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
Chloroform	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
2-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
4-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
1,2-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
1,3-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
1,4-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
trans-1,4-Dichloro-2-butene	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
1,1-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
1,2-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
1,1-Dichloroethylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
cis-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
trans-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
1,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
2,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
1,1-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
Methylene Chloride	ND	0.021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
Tetrachloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
1,2,3-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
1,2,4-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
1,3,5-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
1,1,1-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
1,1,2-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
Trichloroethylene	0.012	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
1,2,3-Trichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 8:54	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd, Whitsboro, NY Sample Description: Work Order: 20I0901

Date Received: 9/16/2020

Field Sample #: INT-SB-2 (1-3) Sampled: 9/14/2020 14:00

Sample ID: 20I0901-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		109	70-130					9/18/20 8:54	
Toluene-d8		100	70-130					9/18/20 8:54	
4-Bromofluorobenzene		107	70-130					9/18/20 8:54	

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

Project Location: 8273 Halsey Rd, Whitsboro, NY Sample Description: Work Order: 20I0901

Date Received: 9/16/2020

Field Sample #: INT-SB-2 (1-3) Sampled: 9/14/2020 14:00

Sample ID: 20I0901-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.8		% Wt	1		SM 2540G	9/20/20	9/21/20 8:27	JS

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd, Whitsboro, NY Sample Description: Work Order: 20I0901

Date Received: 9/16/2020

Field Sample #: INT-SB-3 (1-3) Sampled: 9/14/2020 14:20

Sample ID: 20I0901-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
Bromodichloromethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
Carbon Tetrachloride	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
Chlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
Chlorodibromomethane	ND	0.00078	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
Chloroethane	ND	0.016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
Chloroform	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
Chloromethane	ND	0.0078	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
2-Chlorotoluene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
4-Chlorotoluene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
1,2-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
1,3-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
1,4-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
trans-1,4-Dichloro-2-butene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
1,1-Dichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
1,2-Dichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
1,1-Dichloroethylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
cis-1,2-Dichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
trans-1,2-Dichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
1,2-Dichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
1,3-Dichloropropane	ND	0.00078	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
2,2-Dichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
1,1-Dichloropropene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
cis-1,3-Dichloropropene	ND	0.00078	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
trans-1,3-Dichloropropene	ND	0.00078	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
Hexachlorobutadiene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
Methylene Chloride	ND	0.016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
1,1,1,2-Tetrachloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
1,1,2,2-Tetrachloroethane	ND	0.00078	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
Tetrachloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
1,2,3-Trichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
1,2,4-Trichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
1,3,5-Trichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
1,1,1-Trichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
1,1,2-Trichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
Trichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0078	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
1,2,3-Trichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0078	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF
Vinyl Chloride	ND	0.0078	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:19	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd, Whitsboro, NY Sample Description: Work Order: 20I0901

Date Received: 9/16/2020

Field Sample #: INT-SB-3 (1-3) Sampled: 9/14/2020 14:20

Sample ID: 20I0901-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		108	70-130					9/18/20 9:19	
Toluene-d8		98.6	70-130					9/18/20 9:19	
4-Bromofluorobenzene		103	70-130					9/18/20 9:19	

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

Project Location: 8273 Halsey Rd, Whitsboro, NY Sample Description: Work Order: 20I0901

Date Received: 9/16/2020

Field Sample #: INT-SB-3 (1-3) Sampled: 9/14/2020 14:20

Sample ID: 20I0901-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.6		% Wt	1		SM 2540G	9/20/20	9/21/20 8:27	JS

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd, Whitsboro, NY Sample Description: Work Order: 20I0901

Date Received: 9/16/2020

Field Sample #: INT-SB-4 (1-3) Sampled: 9/14/2020 15:05

Sample ID: 20I0901-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
Bromodichloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
Carbon Tetrachloride	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
Chlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
Chlorodibromomethane	ND	0.00077	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
Chloroethane	ND	0.015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
Chloroform	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
Chloromethane	ND	0.0077	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
2-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
4-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
1,2-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
1,3-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
1,4-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
trans-1,4-Dichloro-2-butene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
1,1-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
1,2-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
1,1-Dichloroethylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
cis-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
trans-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
1,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
1,3-Dichloropropane	ND	0.00077	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
2,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
1,1-Dichloropropene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
cis-1,3-Dichloropropene	ND	0.00077	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
trans-1,3-Dichloropropene	ND	0.00077	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
Hexachlorobutadiene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
Methylene Chloride	ND	0.015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
1,1,1,2-Tetrachloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
1,1,2,2-Tetrachloroethane	ND	0.00077	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
Tetrachloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
1,2,3-Trichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
1,2,4-Trichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
1,3,5-Trichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
1,1,1-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
1,1,2-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
Trichloroethylene	0.0084	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0077	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
1,2,3-Trichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0077	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF
Vinyl Chloride	ND	0.0077	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 9:43	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd, Whitsboro, NY Sample Description: Work Order: 20I0901

Date Received: 9/16/2020

Field Sample #: INT-SB-4 (1-3) Sampled: 9/14/2020 15:05

Sample ID: 20I0901-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		106	70-130					9/18/20 9:43	
Toluene-d8		99.2	70-130					9/18/20 9:43	
4-Bromofluorobenzene		104	70-130					9/18/20 9:43	

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

Project Location: 8273 Halsey Rd, Whitsboro, NY Sample Description: Work Order: 20I0901

Date Received: 9/16/2020

Field Sample #: INT-SB-4 (1-3) Sampled: 9/14/2020 15:05

Sample ID: 20I0901-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.1		% Wt	1		SM 2540G	9/20/20	9/21/20 8:27	JS

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd, Whitsboro, NY Sample Description: Work Order: 20I0901

Date Received: 9/16/2020

Field Sample #: INT-SB-5 (2-4) Sampled: 9/14/2020 15:35

Sample ID: 20I0901-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
Bromodichloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
Carbon Tetrachloride	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
Chlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
Chlorodibromomethane	ND	0.00077	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
Chloroethane	ND	0.015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
Chloroform	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
Chloromethane	ND	0.0077	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
2-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
4-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
1,2-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
1,3-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
1,4-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
trans-1,4-Dichloro-2-butene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
1,1-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
1,2-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
1,1-Dichloroethylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
cis-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
trans-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
1,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
1,3-Dichloropropane	ND	0.00077	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
2,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
1,1-Dichloropropene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
cis-1,3-Dichloropropene	ND	0.00077	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
trans-1,3-Dichloropropene	ND	0.00077	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
Hexachlorobutadiene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
Methylene Chloride	ND	0.015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
1,1,1,2-Tetrachloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
1,1,2,2-Tetrachloroethane	ND	0.00077	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
Tetrachloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
1,2,3-Trichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
1,2,4-Trichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
1,3,5-Trichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
1,1,1-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
1,1,2-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
Trichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0077	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
1,2,3-Trichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0077	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF
Vinyl Chloride	ND	0.0077	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:08	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd, Whitsboro, NY Sample Description: Work Order: 20I0901

Date Received: 9/16/2020

Field Sample #: INT-SB-5 (2-4) Sampled: 9/14/2020 15:35

Sample ID: 20I0901-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		107	70-130					9/18/20 10:08	
Toluene-d8		98.8	70-130					9/18/20 10:08	
4-Bromofluorobenzene		102	70-130					9/18/20 10:08	

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

Project Location: 8273 Halsey Rd, Whitsboro, NY Sample Description: Work Order: 20I0901

Date Received: 9/16/2020

Field Sample #: INT-SB-5 (2-4) Sampled: 9/14/2020 15:35

Sample ID: 20I0901-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.2		% Wt	1		SM 2540G	9/20/20	9/21/20 8:27	JS

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd, Whitsboro, NY Sample Description: Work Order: 20I0901

Date Received: 9/16/2020

Field Sample #: EXT-NE-1 (2-4) Sampled: 9/14/2020 16:15

Sample ID: 20I0901-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
Bromodichloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
Carbon Tetrachloride	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
Chlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
Chlorodibromomethane	ND	0.00086	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
Chloroethane	ND	0.017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
Chloroform	ND	0.0034	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
Chloromethane	ND	0.0086	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
2-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
4-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
1,2-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
1,3-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
1,4-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
trans-1,4-Dichloro-2-butene	ND	0.0034	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
1,1-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
1,2-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
1,1-Dichloroethylene	ND	0.0034	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
cis-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
trans-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
1,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
1,3-Dichloropropane	ND	0.00086	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
2,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
1,1-Dichloropropene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
cis-1,3-Dichloropropene	ND	0.00086	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
trans-1,3-Dichloropropene	ND	0.00086	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
Hexachlorobutadiene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
Methylene Chloride	ND	0.017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
1,1,2,2-Tetrachloroethane	ND	0.00086	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
Tetrachloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
1,2,3-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
1,2,4-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
1,3,5-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
1,1,1-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
1,1,2-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
Trichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0086	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
1,2,3-Trichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0086	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF
Vinyl Chloride	ND	0.0086	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:32	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd, Whitsboro, NY Sample Description: Work Order: 20I0901

Date Received: 9/16/2020

Field Sample #: EXT-NE-1 (2-4) Sampled: 9/14/2020 16:15

Sample ID: 20I0901-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		105	70-130					9/18/20 10:32	
Toluene-d8		99.1	70-130					9/18/20 10:32	
4-Bromofluorobenzene		106	70-130					9/18/20 10:32	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd, Whitsboro, NY Sample Description: Work Order: 20I0901

Date Received: 9/16/2020

Field Sample #: EXT-NE-1 (2-4) Sampled: 9/14/2020 16:15

Sample ID: 20I0901-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.2		% Wt	1		SM 2540G	9/20/20	9/21/20 8:27	JS

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd, Whitsboro, NY Sample Description: Work Order: 20I0901

Date Received: 9/16/2020

Field Sample #: EXT-NE-2 (1-3) Sampled: 9/14/2020 16:35

Sample ID: 20I0901-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
Bromodichloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
Carbon Tetrachloride	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
Chlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
Chlorodibromomethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
Chloroethane	ND	0.020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
Chloroform	ND	0.0041	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
Chloromethane	ND	0.010	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
trans-1,4-Dichloro-2-butene	ND	0.0041	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
1,1-Dichloroethylene	ND	0.0041	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
Methylene Chloride	ND	0.020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
Trichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF
Vinyl Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260C-D	9/18/20	9/18/20 10:57	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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Project Location: 8273 Halsey Rd, Whitsboro, NY Sample Description: Work Order: 20I0901

Date Received: 9/16/2020

Field Sample #: EXT-NE-2 (1-3) Sampled: 9/14/2020 16:35

Sample ID: 20I0901-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		106	70-130					9/18/20 10:57	
Toluene-d8		99.2	70-130					9/18/20 10:57	
4-Bromofluorobenzene		103	70-130					9/18/20 10:57	

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Project Location: 8273 Halsey Rd, Whitsboro, NY Sample Description: Work Order: 20I0901

Date Received: 9/16/2020

Field Sample #: EXT-NE-2 (1-3) Sampled: 9/14/2020 16:35

Sample ID: 20I0901-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.0		% Wt	1		SM 2540G	9/20/20	9/21/20 8:27	JS

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Sample Extraction Data

Prep Method: % Solids **Analytical Method: SM 2540G**

Lab Number [Field ID]	Batch	Date
20I0901-02 [INT-SB-1 (1-3)]	B266877	09/20/20
20I0901-03 [INT-SB-2 (1-3)]	B266877	09/20/20
20I0901-04 [INT-SB-3 (1-3)]	B266877	09/20/20
20I0901-05 [INT-SB-4 (1-3)]	B266877	09/20/20
20I0901-06 [INT-SB-5 (2-4)]	B266877	09/20/20
20I0901-07 [EXT-NE-1 (2-4)]	B266877	09/20/20
20I0901-08 [EXT-NE-2 (1-3)]	B266877	09/20/20

Prep Method: SW-846 5035 **Analytical Method: SW-846 8260C-D**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
20I0901-01 [Trip Blank]	B266758	5.00	10.0	09/18/20
20I0901-02 [INT-SB-1 (1-3)]	B266758	5.56	10.0	09/18/20
20I0901-03 [INT-SB-2 (1-3)]	B266758	5.56	10.0	09/18/20
20I0901-04 [INT-SB-3 (1-3)]	B266758	7.57	10.0	09/18/20
20I0901-05 [INT-SB-4 (1-3)]	B266758	7.29	10.0	09/18/20
20I0901-06 [INT-SB-5 (2-4)]	B266758	7.26	10.0	09/18/20
20I0901-07 [EXT-NE-1 (2-4)]	B266758	7.27	10.0	09/18/20
20I0901-08 [EXT-NE-2 (1-3)]	B266758	6.12	10.0	09/18/20

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B266758 - SW-846 5035										
Blank (B266758-BLK1)				Prepared & Analyzed: 09/18/20						
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	*0.0509*		mg/Kg wet	0.0500		102	70-130			
Surrogate: Toluene-d8	*0.0498*		mg/Kg wet	0.0500		99.6	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0531*		mg/Kg wet	0.0500		106	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B266758 - SW-846 5035												
LCS (B266758-BS1)				Prepared & Analyzed: 09/18/20								
Bromochloromethane	0.0262	0.0020	mg/Kg wet	0.0200		**131**	*	70-130			L-02, V-20	
Bromodichloromethane	0.0227	0.0020	mg/Kg wet	0.0200		114		70-130				
Carbon Tetrachloride	0.0236	0.0020	mg/Kg wet	0.0200		118		70-130				
Chlorobenzene	0.0204	0.0020	mg/Kg wet	0.0200		102		70-130				
Chlorodibromomethane	0.0245	0.0010	mg/Kg wet	0.0200		122		70-130				
Chloroethane	0.0196	0.020	mg/Kg wet	0.0200		97.9		70-130				
Chloroform	0.0238	0.0040	mg/Kg wet	0.0200		119		70-130				
Chloromethane	0.0246	0.010	mg/Kg wet	0.0200		123		70-130				
2-Chlorotoluene	0.0198	0.0020	mg/Kg wet	0.0200		98.9		70-130				
4-Chlorotoluene	0.0202	0.0020	mg/Kg wet	0.0200		101		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0178	0.0020	mg/Kg wet	0.0200		88.8		70-130				
1,2-Dichlorobenzene	0.0194	0.0020	mg/Kg wet	0.0200		97.1		70-130				
1,3-Dichlorobenzene	0.0189	0.0020	mg/Kg wet	0.0200		94.3		70-130				
1,4-Dichlorobenzene	0.0188	0.0020	mg/Kg wet	0.0200		94.1		70-130				
trans-1,4-Dichloro-2-butene	0.0204	0.0040	mg/Kg wet	0.0200		102		70-130				
Dichlorodifluoromethane (Freon 12)	0.0230	0.020	mg/Kg wet	0.0200		115		40-160			V-36	†
1,1-Dichloroethane	0.0242	0.0020	mg/Kg wet	0.0200		121		70-130				
1,2-Dichloroethane	0.0240	0.0020	mg/Kg wet	0.0200		120		70-130				
1,1-Dichloroethylene	0.0197	0.0040	mg/Kg wet	0.0200		98.5		70-130				
cis-1,2-Dichloroethylene	0.0250	0.0020	mg/Kg wet	0.0200		125		70-130				
trans-1,2-Dichloroethylene	0.0243	0.0020	mg/Kg wet	0.0200		121		70-130				
1,2-Dichloropropane	0.0223	0.0020	mg/Kg wet	0.0200		112		70-130				
1,3-Dichloropropane	0.0223	0.0010	mg/Kg wet	0.0200		112		70-130				
2,2-Dichloropropane	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130				
1,1-Dichloropropene	0.0232	0.0020	mg/Kg wet	0.0200		116		70-130				
cis-1,3-Dichloropropene	0.0217	0.0010	mg/Kg wet	0.0200		108		70-130				
trans-1,3-Dichloropropene	0.0220	0.0010	mg/Kg wet	0.0200		110		70-130				
Hexachlorobutadiene	0.0185	0.0020	mg/Kg wet	0.0200		92.5		70-160				
Methylene Chloride	0.0271	0.020	mg/Kg wet	0.0200		136		40-160				†
1,1,1,2-Tetrachloroethane	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130				
1,1,2,2-Tetrachloroethane	0.0203	0.0010	mg/Kg wet	0.0200		102		70-130				
Tetrachloroethylene	0.0234	0.0020	mg/Kg wet	0.0200		117		70-130				
1,2,3-Trichlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		100		70-130				
1,2,4-Trichlorobenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.3		70-130				
1,3,5-Trichlorobenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.4		70-130				
1,1,1-Trichloroethane	0.0240	0.0020	mg/Kg wet	0.0200		120		70-130				
1,1,2-Trichloroethane	0.0223	0.0020	mg/Kg wet	0.0200		112		70-130				
Trichloroethylene	0.0220	0.0020	mg/Kg wet	0.0200		110		70-130				
Trichlorofluoromethane (Freon 11)	0.0185	0.010	mg/Kg wet	0.0200		92.6		70-130				
1,2,3-Trichloropropane	0.0201	0.0020	mg/Kg wet	0.0200		101		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0194	0.010	mg/Kg wet	0.0200		97.1		70-130				
Vinyl Chloride	0.0210	0.010	mg/Kg wet	0.0200		105		40-130				†
Surrogate: 1,2-Dichloroethane-d4	*0.0501*		mg/Kg wet	0.0500		100		70-130				
Surrogate: Toluene-d8	*0.0496*		mg/Kg wet	0.0500		99.2		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0529*		mg/Kg wet	0.0500		106		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B266758 - SW-846 5035												
LCS Dup (B266758-BSD1)				Prepared & Analyzed: 09/18/20								
Bromochloromethane	0.0270	0.0020	mg/Kg wet	0.0200		**135**	*	70-130	2.78	25	L-02, V-20	
Bromodichloromethane	0.0219	0.0020	mg/Kg wet	0.0200		109		70-130	3.86	25		
Carbon Tetrachloride	0.0228	0.0020	mg/Kg wet	0.0200		114		70-130	3.28	25		
Chlorobenzene	0.0194	0.0020	mg/Kg wet	0.0200		97.0		70-130	4.93	25		
Chlorodibromomethane	0.0236	0.0010	mg/Kg wet	0.0200		118		70-130	3.93	25		
Chloroethane	0.0186	0.020	mg/Kg wet	0.0200		93.1		70-130	5.09	25		
Chloroform	0.0224	0.0040	mg/Kg wet	0.0200		112		70-130	6.18	25		
Chloromethane	0.0227	0.010	mg/Kg wet	0.0200		114		70-130	8.15	25		
2-Chlorotoluene	0.0185	0.0020	mg/Kg wet	0.0200		92.3		70-130	6.91	25		
4-Chlorotoluene	0.0185	0.0020	mg/Kg wet	0.0200		92.3		70-130	9.15	25		
1,2-Dibromo-3-chloropropane (DBCP)	0.0169	0.0020	mg/Kg wet	0.0200		84.3		70-130	5.22	25		
1,2-Dichlorobenzene	0.0184	0.0020	mg/Kg wet	0.0200		92.2		70-130	5.14	25		
1,3-Dichlorobenzene	0.0178	0.0020	mg/Kg wet	0.0200		88.9		70-130	5.91	25		
1,4-Dichlorobenzene	0.0178	0.0020	mg/Kg wet	0.0200		88.8		70-130	5.78	25		
trans-1,4-Dichloro-2-butene	0.0187	0.0040	mg/Kg wet	0.0200		93.6		70-130	8.59	25		
Dichlorodifluoromethane (Freon 12)	0.0204	0.020	mg/Kg wet	0.0200		102		40-160	12.3	25	V-36	†
1,1-Dichloroethane	0.0229	0.0020	mg/Kg wet	0.0200		115		70-130	5.37	25		
1,2-Dichloroethane	0.0230	0.0020	mg/Kg wet	0.0200		115		70-130	3.97	25		
1,1-Dichloroethylene	0.0186	0.0040	mg/Kg wet	0.0200		93.1		70-130	5.70	25		
cis-1,2-Dichloroethylene	0.0235	0.0020	mg/Kg wet	0.0200		118		70-130	6.04	25		
trans-1,2-Dichloroethylene	0.0230	0.0020	mg/Kg wet	0.0200		115		70-130	5.60	25		
1,2-Dichloropropane	0.0221	0.0020	mg/Kg wet	0.0200		111		70-130	0.971	25		
1,3-Dichloropropane	0.0224	0.0010	mg/Kg wet	0.0200		112		70-130	0.411	25		
2,2-Dichloropropane	0.0202	0.0020	mg/Kg wet	0.0200		101		70-130	5.76	25		
1,1-Dichloropropene	0.0215	0.0020	mg/Kg wet	0.0200		107		70-130	7.44	25		
cis-1,3-Dichloropropene	0.0216	0.0010	mg/Kg wet	0.0200		108		70-130	0.231	25		
trans-1,3-Dichloropropene	0.0221	0.0010	mg/Kg wet	0.0200		110		70-130	0.572	25		
Hexachlorobutadiene	0.0174	0.0020	mg/Kg wet	0.0200		87.2		70-160	5.85	25		
Methylene Chloride	0.0252	0.020	mg/Kg wet	0.0200		126		40-160	7.24	25		†
1,1,1,2-Tetrachloroethane	0.0194	0.0020	mg/Kg wet	0.0200		97.0		70-130	6.82	25		
1,1,2,2-Tetrachloroethane	0.0188	0.0010	mg/Kg wet	0.0200		94.0		70-130	7.76	25		
Tetrachloroethylene	0.0230	0.0020	mg/Kg wet	0.0200		115		70-130	1.61	25		
1,2,3-Trichlorobenzene	0.0185	0.0020	mg/Kg wet	0.0200		92.6		70-130	7.87	25		
1,2,4-Trichlorobenzene	0.0180	0.0020	mg/Kg wet	0.0200		89.9		70-130	8.93	25		
1,3,5-Trichlorobenzene	0.0174	0.0020	mg/Kg wet	0.0200		86.8		70-130	10.4	25		
1,1,1-Trichloroethane	0.0226	0.0020	mg/Kg wet	0.0200		113		70-130	6.09	25		
1,1,2-Trichloroethane	0.0221	0.0020	mg/Kg wet	0.0200		110		70-130	1.06	25		
Trichloroethylene	0.0216	0.0020	mg/Kg wet	0.0200		108		70-130	1.72	25		
Trichlorofluoromethane (Freon 11)	0.0172	0.010	mg/Kg wet	0.0200		86.2		70-130	7.14	25		
1,2,3-Trichloropropane	0.0194	0.0020	mg/Kg wet	0.0200		96.8		70-130	3.87	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0181	0.010	mg/Kg wet	0.0200		90.5		70-130	7.06	25		
Vinyl Chloride	0.0185	0.010	mg/Kg wet	0.0200		92.6		40-130	12.7	25		†
Surrogate: 1,2-Dichloroethane-d4	*0.0501*		mg/Kg wet	0.0500		100		70-130				
Surrogate: Toluene-d8	*0.0505*		mg/Kg wet	0.0500		101		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0528*		mg/Kg wet	0.0500		106		70-130				

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
V-36	Initial calibration verification (ICV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C-D in Soil	
Bromochloromethane	NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
1,2-Dibromo-3-chloropropane (DBCP)	NY
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
trans-1,4-Dichloro-2-butene	NY
Dichlorodifluoromethane (Freon 12)	NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
Methylene Chloride	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
Tetrachloroethylene	NY,ME,VA
1,2,3-Trichlorobenzene	NY
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA

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The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2022
MA	Massachusetts DEP	M-MA100	06/30/2021
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2021
NY	New York State Department of Health	10899 NELAP	04/1/2021
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2021
RI	Rhode Island Department of Health	LAO00112	12/30/2020
NC	North Carolina Div. of Water Quality	652	12/31/2020
NJ	New Jersey DEP	MA007 NELAP	06/30/2021
FL	Florida Department of Health	E871027 NELAP	06/30/2021
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2021
ME	State of Maine	2011028	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2020
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2021
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2021
NC-DW	North Carolina Department of Health	25703	07/31/2021
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2021
MI	Dept. of Env, Great Lakes, and Energy	9100	10/1/2020

con-test ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

20160901

Company Name: HRP
Address: 251 Roosevelt Dr 2nd fl Derby CT
Phone: 203 380 1395
Project Name: WHITCRAFT
Project Location: 8273 Halsey Rd Whitesboro NY
Project Number: WHI0522LE.F2
Project Manager: Brian P Lowry
Con-Test Quote Name/Number:
Invoice Recipient:
Sampled By: LAB

Turnaround Time (TAT) Options
7-Day ☐ 10-Day ☐
PFAS 10-Day (std) ☐ Due Date: 5 day

Rush TAT (Approval Required)
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Matrix Type & Filtration Options
○ Field Filtered
○ Lab to Filter
○ Field Filtered
○ Lab to Filter

Data Delivery
Format: PDF ☑ EXCEL ☒
Other: HRP EDD
CLP Like Data Pkg Required: ☐
Email To: Brian.P.Lowry@HRPASSOCIATES.COM
Fax To #:

ANALYSIS REQUESTED

X Chlorinated VOC

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1] Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE
1	Trip Blank	9/14	10:00	Grab	S	C	3				
2	INT-SB-1 (1-3)		1:45			U					
3	INT-SB-2 (1-3)		2:00								
4	INT-SB-3 (1-3)		2:20								
5	INT-SB-4 (1-3)		3:05								
6	INT-SB-5 (2-4)		3:35								
7	EXT-NE-1 (2-4)		4:15								
8	EXT-NE-2 (1-3)		4:35								
		9/15 LAB									

Relinquished by: (signature) Date/Time: 9/16 11:45
Received by: (signature) Date/Time: 9-16-20 11:45
Relinquished by: (signature) Date/Time: 9-16-20 1700
Received by: (signature) 3-3 1027 Date/Time: 9-17-20
Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:
Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:

Client Comments:

Preservation Check Requirements
MA ☐
MCP ☐
RCP ☐
Other: NYGA

Special Requirements
☐ MA MCP Required
MCP Certification Form Required
☐ CT RCP Required
RCP Certification Form Required
☐ MA State DW Required
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ 21 J ☐ School ☐
City ☐ Brownfield ☐ MBTA ☐

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

[2] Preservation Code
Container ID's Only
Total Number Of:
VIALS____
GLASS____
PLASTIC____
BACTERIA____
ENCORE____

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N
*Contest is not responsible for missing samples from prepacked coolers

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Comments:

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. Th Chain of Custody is a legal document that must be complete and accurate and is used to determine wh analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. C Test values your partnership on each project and will try to assist with missing information, but will not held accountable.

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IMPORTANT!
FedEx is closely monitoring Hurricane Sally and Wildfires. Learn More

FedEx

771548065784

Delivered
Thursday 9/17/2020 at 10:27 am

DELIVERED

Signed for by: R.PIETRAS

GET STATUS UPDATES

OBTAIN PROOF OF DELIVERY

FROM	TO
ALBANY, NY US	EAST LONGMEADOW, MA US

Shipment Facts

TRACKING NUMBER 771548065784	**SERVICE** FedEx Priority Overnight	**WEIGHT** 37 lbs / 16.78 kgs
DIMENSIONS 24x14x13 in.	**DELIVERED TO** Shipping/Receiving	**TOTAL PIECES** 1
TOTAL SHIPMENT WEIGHT 37 lbs / 16.78 kgs	**TERMS** Recipient	**SHIPPER REFERENCE** 85
PACKAGING Your Packaging	**SPECIAL HANDLING SECTION** Deliver Weekday	**STANDARD TRANSIT** 9/17/2020 by 10:30 am
SHIP DATE Wed 9/16/2020	**ACTUAL DELIVERY** Thu 9/17/2020 10:27 am	

Travel History

Local Scan Time

Thursday , 9/17/2020

10:27 am	EAST LONGMEADOW, MA	Delivered
7:42 am	WINDSOR LOCKS, CT	On FedEx vehicle for delivery
7:34 am	WINDSOR LOCKS, CT	At local FedEx facility

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client HRP

Received By JR Date 9-17-20 Time 1027

How were the samples received? In Cooler T No Cooler ____ On Ice T No Ice ____ Direct from Sampling ____ Ambient ____ Melted Ice ____

Were samples within Temperature? 2-6°C T By Gun # 1 Actual Temp - 3.3 By Blank # ____ Actual Temp - ____

Was Custody Seal Intact? NA Were Samples Tampered with? NA

Was COC Relinquished ? T Does Chain Agree With Samples? T

Are there broken/leaking/loose caps on any samples? F

Is COC in ink/ Legible? T Were samples received within holding time? T

Did COC include all pertinent Information? Client T Analysis T Sampler Name T Project T ID's T Collection Dates/Times T

Are Sample labels filled out and legible? T

Are there Lab to Filters? F Who was notified? ____

Are there Rushes? F Who was notified? ____

Are there Short Holds? F Who was notified? ____

Is there enough Volume? T

Is there Headspace where applicable? NA MS/MSD? F

Proper Media/Containers Used? T Is splitting samples required? F

Were trip blanks received? T On COC? T

Do all samples have the proper pH? NA Acid ____ Base ____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-	3	250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-	11	Flashpoint		Col./Bacteria		2oz Amb/Clear	7
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

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September 28, 2020

Brian Lowry
HRP Associates, Inc. (Private)
197 Scott Swamp Road
Farmington, CT 06032

Project Location: 8273 Halsey Rd., Whitesboro, NY
Client Job Number:
Project Number: WHI6526.P2
Laboratory Work Order Number: 20I1074

Enclosed are results of analyses for samples received by the laboratory on September 21, 2020. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kerry K. McGee
Project Manager

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HRP Associates, Inc. (Private)
197 Scott Swamp Road
Farmington, CT 06032
ATTN: Brian Lowry

REPORT DATE: 9/28/2020

PURCHASE ORDER NUMBER:

PROJECT NUMBER: WHI6526.P2

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 20I1074

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 8273 Halsey Rd., Whitesboro, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
EXT-NW-1 (1-3)	20I1074-01	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-NW-2 (1-3)	20I1074-02	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-NW-2 (5-7)	20I1074-03	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-NW-3 (1-3)	20I1074-04	Soil		SM 2540G	
				SW-846 8260C-D	
OW-1 (0-2)	20I1074-05	Soil		SM 2540G	
				SW-846 8260C-D	
MW-15R (2-4)	20I1074-06	Soil		SM 2540G	
				SW-846 8260C-D	
MW-15R (8-10)	20I1074-07	Soil		SM 2540G	
				SW-846 8260C-D	
MW-15R (10-11.5)	20I1074-08	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-NE-3 (2-4)	20I1074-09	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-W-1 (2-4)	20I1074-10	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-W-2 (1-3)	20I1074-11	Soil		SM 2540G	
				SW-846 8260C-D	
FB-1 (3-5)	20I1074-12	Soil		SM 2540G	
				SW-846 8260C-D	
FB-2 (1-3)	20I1074-13	Soil		SM 2540G	
				SW-846 8260C-D	
FB-2 (8-10)	20I1074-14	Soil		SM 2540G	
				SW-846 8260C-D	
FB-3 (2-4)	20I1074-15	Soil		SM 2540G	
				SW-846 8260C-D	
FB-4 (1-3)	20I1074-16	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-SW-1 (2-4)	20I1074-17	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-SW-2 (1-3)	20I1074-18	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-SW-3 (1-3)	20I1074-19	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-SW-4 (2-4)	20I1074-20	Soil		SM 2540G	
				SW-846 8260C-D	

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CASE NARRATIVE SUMMARY

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

SW-846 8260C-D

Qualifications:

L-04

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

trans-1,4-Dichloro-2-butene
20I1074-03[EXT-NW-2 (5-7)], 20I1074-11[EXT-W-2 (1-3)], B266979-BLK1, B266979-BS1, B266979-BSD1

RL-13

Elevated reporting limit due to high concentration of non-target compounds.

Analyte & Samples(s) Qualified:

20I1074-11[EXT-W-2 (1-3)]

V-05

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

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene
20I1074-17[EXT-SW-1 (2-4)], B267040-BLK1, B267040-BS1, B267040-BSD1, S052658-CCV1

1,2,4-Trichlorobenzene
20I1074-17[EXT-SW-1 (2-4)], B267040-BLK1, B267040-BS1, B267040-BSD1, S052658-CCV1

1,3,5-Trichlorobenzene
20I1074-17[EXT-SW-1 (2-4)], B267040-BLK1, B267040-BS1, B267040-BSD1, S052658-CCV1

Chloromethane
20I1074-03[EXT-NW-2 (5-7)], 20I1074-11[EXT-W-2 (1-3)], B266979-BLK1, B266979-BS1, B266979-BSD1, S052668-CCV1

Dichlorodifluoromethane (Freon 12
20I1074-01[EXT-NW-1 (1-3)], 20I1074-02[EXT-NW-2 (1-3)], 20I1074-04[EXT-NW-3 (1-3)], 20I1074-05[OW-1 (0-2)], 20I1074-06[MW-15R (2-4)], 20I1074-07[MW-15R (8-10)], 20I1074-08[MW-15R (10-11.5)], 20I1074-09[EXT-NE-3 (2-4)], 20I1074-10[EXT-W-1 (2-4)], 20I1074-12[FB-1 (3-5)], 20I1074-13[FB-2 (1-3)], 20I1074-14[FB-2 (8-10)], 20I1074-15[FB-3 (2-4)], 20I1074-16[FB-4 (1-3)], 20I1074-17[EXT-SW-1 (2-4)], 20I1074-18[EXT-SW-2 (1-3)], 20I1074-19[EXT-SW-3 (1-3)], 20I1074-20[EXT-SW-4 (2-4)], B267026-BLK1, B267026-BS1, B267026-BSD1, B267040-BLK1, B267040-BS1, B267040-BSD1, S052656-CCV1, S052658-CCV1

trans-1,3-Dichloropropene
20I1074-03[EXT-NW-2 (5-7)], 20I1074-11[EXT-W-2 (1-3)], B266979-BLK1, B266979-BS1, B266979-BSD1, S052668-CCV1

trans-1,4-Dichloro-2-butene
20I1074-03[EXT-NW-2 (5-7)], 20I1074-11[EXT-W-2 (1-3)], B266979-BLK1, B266979-BS1, B266979-BSD1, S052668-CCV1

V-20

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

Analyte & Samples(s) Qualified:

Bromochloromethane
B267026-BS1, B267026-BSD1, S052656-CCV1

Methylene Chloride
B267026-BS1, B267026-BSD1, B267040-BS1, B267040-BSD1, S052656-CCV1, S052658-CCV1

V-34

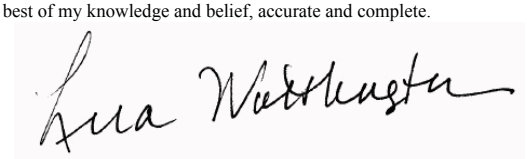
Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

Analyte & Samples(s) Qualified:

Chloromethane
20I1074-03[EXT-NW-2 (5-7)], 20I1074-11[EXT-W-2 (1-3)], B266979-BLK1, B266979-BS1, B266979-BSD1, S052668-CCV1

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

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



Lisa A. Worthington
Technical Representative

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-NW-1 (1-3) Sampled: 9/16/2020 14:30

Sample ID: 20I1074-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
Bromodichloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
Carbon Tetrachloride	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
Chlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
Chloroethane	ND	0.021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
Chloroform	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
2-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
4-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
1,2-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
1,3-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
1,4-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
trans-1,4-Dichloro-2-butene	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
1,1-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
1,2-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
1,1-Dichloroethylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
cis-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
trans-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
1,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
2,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
1,1-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
Methylene Chloride	ND	0.021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
Tetrachloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
1,2,3-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
1,2,4-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
1,3,5-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
1,1,1-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
1,1,2-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
Trichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
1,2,3-Trichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 6:47	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-NW-1 (1-3) Sampled: 9/16/2020 14:30

Sample ID: 20I1074-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		114	70-130					9/22/20 6:47	
Toluene-d8		99.5	70-130					9/22/20 6:47	
4-Bromofluorobenzene		100	70-130					9/22/20 6:47	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-NW-1 (1-3) Sampled: 9/16/2020 14:30

Sample ID: 20I1074-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.5		% Wt	1		SM 2540G	9/23/20	9/24/20 7:47	CJT

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-NW-2 (1-3) Sampled: 9/16/2020 14:30

Sample ID: 20I1074-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
Bromodichloromethane	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
Carbon Tetrachloride	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
Chlorobenzene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
Chlorodibromomethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
Chloroethane	ND	0.031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
Chloroform	ND	0.0062	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
Chloromethane	ND	0.015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
2-Chlorotoluene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
4-Chlorotoluene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
1,2-Dichlorobenzene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
1,3-Dichlorobenzene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
1,4-Dichlorobenzene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
trans-1,4-Dichloro-2-butene	ND	0.0062	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.031	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
1,1-Dichloroethane	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
1,2-Dichloroethane	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
1,1-Dichloroethylene	ND	0.0062	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
cis-1,2-Dichloroethylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
trans-1,2-Dichloroethylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
1,2-Dichloropropane	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
1,3-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
2,2-Dichloropropane	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
1,1-Dichloropropene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
cis-1,3-Dichloropropene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
trans-1,3-Dichloropropene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
Hexachlorobutadiene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
Methylene Chloride	ND	0.031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
1,1,1,2-Tetrachloroethane	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
1,1,2,2-Tetrachloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
Tetrachloroethylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
1,2,3-Trichlorobenzene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
1,2,4-Trichlorobenzene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
1,3,5-Trichlorobenzene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
1,1,1-Trichloroethane	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
1,1,2-Trichloroethane	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
Trichloroethylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
Trichlorofluoromethane (Freon 11)	ND	0.015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
1,2,3-Trichloropropane	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF
Vinyl Chloride	ND	0.015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:14	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-NW-2 (1-3) Sampled: 9/16/2020 14:30

Sample ID: 20I1074-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		116	70-130					9/22/20 7:14	
Toluene-d8		101	70-130					9/22/20 7:14	
4-Bromofluorobenzene		95.8	70-130					9/22/20 7:14	

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

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-NW-2 (1-3) Sampled: 9/16/2020 14:30

Sample ID: 20I1074-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	67.4		% Wt	1		SM 2540G	9/23/20	9/24/20 7:47	CJT

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-NW-2 (5-7) Sampled: 9/16/2020 14:50

Sample ID: 20I1074-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
Bromodichloromethane	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
Carbon Tetrachloride	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
Chlorobenzene	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
Chlorodibromomethane	ND	0.037	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
Chloroethane	ND	0.15	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
Chloroform	ND	0.15	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
Chloromethane	ND	0.15	mg/Kg dry	1	V-05, V-34	SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
2-Chlorotoluene	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
4-Chlorotoluene	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.37	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
1,2-Dichlorobenzene	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
1,3-Dichlorobenzene	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
1,4-Dichlorobenzene	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
trans-1,4-Dichloro-2-butene	ND	0.15	mg/Kg dry	1	L-04, V-05	SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.15	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
1,1-Dichloroethane	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
1,2-Dichloroethane	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
1,1-Dichloroethylene	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
cis-1,2-Dichloroethylene	0.20	0.073	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
trans-1,2-Dichloroethylene	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
1,2-Dichloropropane	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
1,3-Dichloropropane	ND	0.037	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
2,2-Dichloropropane	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
1,1-Dichloropropene	ND	0.15	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
cis-1,3-Dichloropropene	ND	0.037	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
trans-1,3-Dichloropropene	ND	0.037	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
Hexachlorobutadiene	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
Methylene Chloride	ND	0.37	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
1,1,1,2-Tetrachloroethane	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
1,1,2,2-Tetrachloroethane	ND	0.037	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
Tetrachloroethylene	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
1,2,3-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
1,2,4-Trichlorobenzene	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
1,3,5-Trichlorobenzene	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
1,1,1-Trichloroethane	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
1,1,2-Trichloroethane	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
Trichloroethylene	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
Trichlorofluoromethane (Freon 11)	ND	0.15	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
1,2,3-Trichloropropane	ND	0.15	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH
Vinyl Chloride	ND	0.15	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 17:46	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-NW-2 (5-7) Sampled: 9/16/2020 14:50

Sample ID: 20I1074-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		73.8	70-130					9/22/20 17:46	
Toluene-d8		99.0	70-130					9/22/20 17:46	
4-Bromofluorobenzene		101	70-130					9/22/20 17:46	

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

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-NW-2 (5-7) Sampled: 9/16/2020 14:50

Sample ID: 20I1074-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.8		% Wt	1		SM 2540G	9/23/20	9/24/20 7:47	CJT

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Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-NW-3 (1-3) Sampled: 9/16/2020 15:00

Sample ID: 20I1074-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0029	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
Bromodichloromethane	ND	0.0029	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
Carbon Tetrachloride	ND	0.0029	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
Chlorobenzene	ND	0.0029	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
Chlorodibromomethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
Chloroethane	ND	0.029	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
Chloroform	ND	0.0057	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
Chloromethane	ND	0.014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
2-Chlorotoluene	ND	0.0029	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
4-Chlorotoluene	ND	0.0029	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0029	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
1,2-Dichlorobenzene	ND	0.0029	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
1,3-Dichlorobenzene	ND	0.0029	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
1,4-Dichlorobenzene	ND	0.0029	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
trans-1,4-Dichloro-2-butene	ND	0.0057	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.029	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
1,1-Dichloroethane	ND	0.0029	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
1,2-Dichloroethane	ND	0.0029	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
1,1-Dichloroethylene	ND	0.0057	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
cis-1,2-Dichloroethylene	ND	0.0029	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
trans-1,2-Dichloroethylene	ND	0.0029	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
1,2-Dichloropropane	ND	0.0029	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
1,3-Dichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
2,2-Dichloropropane	ND	0.0029	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
1,1-Dichloropropene	ND	0.0029	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
cis-1,3-Dichloropropene	ND	0.0014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
trans-1,3-Dichloropropene	ND	0.0014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
Hexachlorobutadiene	ND	0.0029	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
Methylene Chloride	ND	0.029	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
1,1,1,2-Tetrachloroethane	ND	0.0029	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
1,1,2,2-Tetrachloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
Tetrachloroethylene	ND	0.0029	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
1,2,3-Trichlorobenzene	ND	0.0029	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
1,2,4-Trichlorobenzene	ND	0.0029	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
1,3,5-Trichlorobenzene	ND	0.0029	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
1,1,1-Trichloroethane	ND	0.0029	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
1,1,2-Trichloroethane	ND	0.0029	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
Trichloroethylene	ND	0.0029	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
Trichlorofluoromethane (Freon 11)	ND	0.014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
1,2,3-Trichloropropane	ND	0.0029	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF
Vinyl Chloride	ND	0.014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 7:41	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-NW-3 (1-3) Sampled: 9/16/2020 15:00

Sample ID: 20I1074-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		114	70-130					9/22/20 7:41	
Toluene-d8		98.4	70-130					9/22/20 7:41	
4-Bromofluorobenzene		98.0	70-130					9/22/20 7:41	

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Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-NW-3 (1-3) Sampled: 9/16/2020 15:00

Sample ID: 20I1074-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	64.9		% Wt	1		SM 2540G	9/23/20	9/24/20 7:47	CJT

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: OW-1 (0-2) Sampled: 9/16/2020 16:00

Sample ID: 20I1074-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
Bromodichloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
Carbon Tetrachloride	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
Chlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
Chloroethane	ND	0.022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
Chloroform	ND	0.0044	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
2-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
4-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
1,2-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
1,3-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
1,4-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
trans-1,4-Dichloro-2-butene	ND	0.0044	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.022	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
1,1-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
1,2-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
1,1-Dichloroethylene	ND	0.0044	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
cis-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
trans-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
1,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
2,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
1,1-Dichloropropene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
Hexachlorobutadiene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
Methylene Chloride	ND	0.022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
Tetrachloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
1,2,3-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
1,2,4-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
1,3,5-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
1,1,1-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
1,1,2-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
Trichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
1,2,3-Trichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:08	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: OW-1 (0-2) Sampled: 9/16/2020 16:00

Sample ID: 20I1074-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		117	70-130					9/22/20 8:08	
Toluene-d8		100	70-130					9/22/20 8:08	
4-Bromofluorobenzene		96.0	70-130					9/22/20 8:08	

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Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: OW-1 (0-2) Sampled: 9/16/2020 16:00

Sample ID: 20I1074-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.6		% Wt	1		SM 2540G	9/23/20	9/24/20 7:50	CJT

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Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: MW-15R (2-4) Sampled: 9/16/2020 16:30

Sample ID: 20I1074-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
Bromodichloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
Carbon Tetrachloride	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
Chlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
Chlorodibromomethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
Chloroethane	ND	0.021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
Chloroform	ND	0.0041	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
Chloromethane	ND	0.010	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
2-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
4-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
1,2-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
1,3-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
1,4-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
trans-1,4-Dichloro-2-butene	ND	0.0041	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
1,1-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
1,2-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
1,1-Dichloroethylene	ND	0.0041	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
cis-1,2-Dichloroethylene	0.0054	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
trans-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
1,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
2,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
1,1-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
Methylene Chloride	ND	0.021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
Tetrachloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
1,2,3-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
1,2,4-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
1,3,5-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
1,1,1-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
1,1,2-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
Trichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
1,2,3-Trichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF
Vinyl Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 8:36	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: MW-15R (2-4) Sampled: 9/16/2020 16:30

Sample ID: 20I1074-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		115	70-130					9/22/20 8:36	
Toluene-d8		99.4	70-130					9/22/20 8:36	
4-Bromofluorobenzene		95.8	70-130					9/22/20 8:36	

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

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: MW-15R (2-4) Sampled: 9/16/2020 16:30

Sample ID: 20I1074-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	65.8		% Wt	1		SM 2540G	9/23/20	9/24/20 7:50	CJT

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: MW-15R (8-10) Sampled: 9/16/2020 17:00

Sample ID: 20I1074-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
Bromodichloromethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
Carbon Tetrachloride	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
Chlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
Chlorodibromomethane	ND	0.00080	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
Chloroethane	ND	0.016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
Chloroform	ND	0.0032	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
Chloromethane	ND	0.0080	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
2-Chlorotoluene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
4-Chlorotoluene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
1,2-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
1,3-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
1,4-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
trans-1,4-Dichloro-2-butene	ND	0.0032	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.016	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
1,1-Dichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
1,2-Dichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
1,1-Dichloroethylene	ND	0.0032	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
cis-1,2-Dichloroethylene	18	0.43	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/23/20 16:54	EEH
trans-1,2-Dichloroethylene	0.053	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
1,2-Dichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
1,3-Dichloropropane	ND	0.00080	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
2,2-Dichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
1,1-Dichloropropene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
cis-1,3-Dichloropropene	ND	0.00080	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
trans-1,3-Dichloropropene	ND	0.00080	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
Hexachlorobutadiene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
Methylene Chloride	ND	0.016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
1,1,1,2-Tetrachloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
1,1,2,2-Tetrachloroethane	ND	0.00080	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
Tetrachloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
1,2,3-Trichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
1,2,4-Trichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
1,3,5-Trichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
1,1,1-Trichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
1,1,2-Trichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
Trichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0080	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
1,2,3-Trichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0080	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF
Vinyl Chloride	0.019	0.0080	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:03	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: MW-15R (8-10) Sampled: 9/16/2020 17:00

Sample ID: 20I1074-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		94.9	70-130					9/23/20 16:54	
1,2-Dichloroethane-d4		113	70-130					9/22/20 9:03	
Toluene-d8		100	70-130					9/23/20 16:54	
Toluene-d8		97.9	70-130					9/22/20 9:03	
4-Bromofluorobenzene		99.5	70-130					9/23/20 16:54	
4-Bromofluorobenzene		93.8	70-130					9/22/20 9:03	

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

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: MW-15R (8-10) Sampled: 9/16/2020 17:00

Sample ID: 20I1074-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.4		% Wt	1		SM 2540G	9/23/20	9/24/20 7:50	CJT

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: MW-15R (10-11.5) Sampled: 9/16/2020 17:15

Sample ID: 20I1074-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
Bromodichloromethane	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
Carbon Tetrachloride	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
Chlorobenzene	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
Chlorodibromomethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
Chloroethane	ND	0.042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
Chloroform	ND	0.0084	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
Chloromethane	ND	0.021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
2-Chlorotoluene	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
4-Chlorotoluene	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
1,2-Dichlorobenzene	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
1,3-Dichlorobenzene	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
1,4-Dichlorobenzene	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
trans-1,4-Dichloro-2-butene	ND	0.0084	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.042	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
1,1-Dichloroethane	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
1,2-Dichloroethane	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
1,1-Dichloroethylene	ND	0.0084	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
cis-1,2-Dichloroethylene	19	0.43	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/23/20 15:59	EEH
trans-1,2-Dichloroethylene	0.10	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
1,2-Dichloropropane	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
1,3-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
2,2-Dichloropropane	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
1,1-Dichloropropene	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
cis-1,3-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
trans-1,3-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
Hexachlorobutadiene	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
Methylene Chloride	ND	0.042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
1,1,1,2-Tetrachloroethane	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
1,1,2,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
Tetrachloroethylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
1,2,3-Trichlorobenzene	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
1,2,4-Trichlorobenzene	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
1,3,5-Trichlorobenzene	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
1,1,1-Trichloroethane	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
1,1,2-Trichloroethane	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
Trichloroethylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
Trichlorofluoromethane (Freon 11)	ND	0.021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
1,2,3-Trichloropropane	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF
Vinyl Chloride	ND	0.021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:30	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: MW-15R (10-11.5) Sampled: 9/16/2020 17:15

Sample ID: 20I1074-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		94.7	70-130					9/23/20 15:59	
1,2-Dichloroethane-d4		113	70-130					9/22/20 9:30	
Toluene-d8		99.7	70-130					9/23/20 15:59	
Toluene-d8		100	70-130					9/22/20 9:30	
4-Bromofluorobenzene		101	70-130					9/23/20 15:59	
4-Bromofluorobenzene		97.4	70-130					9/22/20 9:30	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: MW-15R (10-11.5) Sampled: 9/16/2020 17:15

Sample ID: 20I1074-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.2		% Wt	1		SM 2540G	9/23/20	9/24/20 7:50	CJT

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-NE-3 (2-4) Sampled: 9/17/2020 08:55

Sample ID: 20I1074-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
Bromodichloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
Carbon Tetrachloride	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
Chlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
Chlorodibromomethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
Chloroethane	ND	0.021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
Chloroform	ND	0.0041	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
Chloromethane	ND	0.010	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
2-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
4-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
1,2-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
1,3-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
1,4-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
trans-1,4-Dichloro-2-butene	ND	0.0041	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
1,1-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
1,2-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
1,1-Dichloroethylene	ND	0.0041	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
cis-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
trans-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
1,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
2,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
1,1-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
Methylene Chloride	ND	0.021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
Tetrachloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
1,2,3-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
1,2,4-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
1,3,5-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
1,1,1-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
1,1,2-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
Trichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
1,2,3-Trichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF
Vinyl Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 9:58	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-NE-3 (2-4) Sampled: 9/17/2020 08:55

Sample ID: 20I1074-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		115	70-130					9/22/20 9:58	
Toluene-d8		101	70-130					9/22/20 9:58	
4-Bromofluorobenzene		97.4	70-130					9/22/20 9:58	

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

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-NE-3 (2-4) Sampled: 9/17/2020 08:55

Sample ID: 20I1074-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.5		% Wt	1		SM 2540G	9/23/20	9/24/20 7:50	CJT

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-W-1 (2-4) Sampled: 9/17/2020 09:15

Sample ID: 20I1074-10

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
Bromodichloromethane	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
Carbon Tetrachloride	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
Chlorobenzene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
Chlorodibromomethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
Chloroethane	ND	0.031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
Chloroform	ND	0.0062	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
Chloromethane	ND	0.015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
2-Chlorotoluene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
4-Chlorotoluene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
1,2-Dichlorobenzene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
1,3-Dichlorobenzene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
1,4-Dichlorobenzene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
trans-1,4-Dichloro-2-butene	ND	0.0062	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.031	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
1,1-Dichloroethane	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
1,2-Dichloroethane	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
1,1-Dichloroethylene	ND	0.0062	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
cis-1,2-Dichloroethylene	0.045	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
trans-1,2-Dichloroethylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
1,2-Dichloropropane	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
1,3-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
2,2-Dichloropropane	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
1,1-Dichloropropene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
cis-1,3-Dichloropropene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
trans-1,3-Dichloropropene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
Hexachlorobutadiene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
Methylene Chloride	ND	0.031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
1,1,1,2-Tetrachloroethane	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
1,1,2,2-Tetrachloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
Tetrachloroethylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
1,2,3-Trichlorobenzene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
1,2,4-Trichlorobenzene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
1,3,5-Trichlorobenzene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
1,1,1-Trichloroethane	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
1,1,2-Trichloroethane	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
Trichloroethylene	0.068	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
Trichlorofluoromethane (Freon 11)	ND	0.015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
1,2,3-Trichloropropane	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF
Vinyl Chloride	ND	0.015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:25	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-W-1 (2-4) Sampled: 9/17/2020 09:15

Sample ID: 20I1074-10

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		115	70-130					9/22/20 10:25	
Toluene-d8		99.6	70-130					9/22/20 10:25	
4-Bromofluorobenzene		100	70-130					9/22/20 10:25	

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

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-W-1 (2-4) Sampled: 9/17/2020 09:15

Sample ID: 20I1074-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.1		% Wt	1		SM 2540G	9/23/20	9/24/20 7:51	CJT

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-W-2 (1-3) Sampled: 9/17/2020 09:55

Sample ID: 20I1074-11

Sample Matrix: Soil

Sample Flags: RL-13

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.56	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
Bromodichloromethane	ND	0.56	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
Carbon Tetrachloride	ND	0.56	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
Chlorobenzene	ND	0.56	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
Chlorodibromomethane	ND	0.28	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
Chloroethane	ND	1.1	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
Chloroform	ND	1.1	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
Chloromethane	ND	1.1	mg/Kg dry	10	V-05, V-34	SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
2-Chlorotoluene	ND	0.56	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
4-Chlorotoluene	ND	0.56	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.8	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
1,2-Dichlorobenzene	ND	0.56	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
1,3-Dichlorobenzene	ND	0.56	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
1,4-Dichlorobenzene	ND	0.56	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
trans-1,4-Dichloro-2-butene	ND	1.1	mg/Kg dry	10	L-04, V-05	SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
Dichlorodifluoromethane (Freon 12)	ND	1.1	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
1,1-Dichloroethane	ND	0.56	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
1,2-Dichloroethane	ND	0.56	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
1,1-Dichloroethylene	ND	0.56	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
cis-1,2-Dichloroethylene	1.5	0.56	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
trans-1,2-Dichloroethylene	ND	0.56	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
1,2-Dichloropropane	ND	0.56	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
1,3-Dichloropropane	ND	0.28	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
2,2-Dichloropropane	ND	0.56	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
1,1-Dichloropropene	ND	1.1	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
cis-1,3-Dichloropropene	ND	0.28	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
trans-1,3-Dichloropropene	ND	0.28	mg/Kg dry	10	V-05	SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
Hexachlorobutadiene	ND	0.56	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
Methylene Chloride	ND	2.8	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
1,1,1,2-Tetrachloroethane	ND	0.56	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
1,1,2,2-Tetrachloroethane	ND	0.28	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
Tetrachloroethylene	ND	0.56	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
1,2,3-Trichlorobenzene	ND	2.8	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
1,2,4-Trichlorobenzene	ND	0.56	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
1,3,5-Trichlorobenzene	ND	0.56	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
1,1,1-Trichloroethane	ND	0.56	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
1,1,2-Trichloroethane	ND	0.56	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
Trichloroethylene	1.9	0.56	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
Trichlorofluoromethane (Freon 11)	ND	1.1	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
1,2,3-Trichloropropane	ND	1.1	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.56	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH
Vinyl Chloride	ND	1.1	mg/Kg dry	10		SW-846 8260C-D	9/22/20	9/22/20 18:12	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-W-2 (1-3) Sampled: 9/17/2020 09:55

Sample ID: 20I1074-11

Sample Matrix: Soil

Sample Flags: RL-13

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		76.2	70-130					9/22/20 18:12	
Toluene-d8		93.8	70-130					9/22/20 18:12	
4-Bromofluorobenzene		93.6	70-130					9/22/20 18:12	

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Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-W-2 (1-3) Sampled: 9/17/2020 09:55

Sample ID: 20I1074-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.1		% Wt	1		SM 2540G	9/23/20	9/24/20 7:51	CJT

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: FB-1 (3-5) Sampled: 9/17/2020 10:00

Sample ID: 20I1074-12

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
Bromodichloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
Carbon Tetrachloride	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
Chlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
Chlorodibromomethane	ND	0.00089	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
Chloroethane	ND	0.018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
Chloroform	ND	0.0036	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
Chloromethane	ND	0.0089	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
2-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
4-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
1,2-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
1,3-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
1,4-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
trans-1,4-Dichloro-2-butene	ND	0.0036	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.018	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
1,1-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
1,2-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
1,1-Dichloroethylene	ND	0.0036	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
cis-1,2-Dichloroethylene	0.020	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
trans-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
1,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
1,3-Dichloropropane	ND	0.00089	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
2,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
1,1-Dichloropropene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
cis-1,3-Dichloropropene	ND	0.00089	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
trans-1,3-Dichloropropene	ND	0.00089	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
Hexachlorobutadiene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
Methylene Chloride	ND	0.018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
1,1,1,2-Tetrachloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
1,1,2,2-Tetrachloroethane	ND	0.00089	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
Tetrachloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
1,2,3-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
1,2,4-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
1,3,5-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
1,1,1-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
1,1,2-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
Trichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0089	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
1,2,3-Trichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0089	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF
Vinyl Chloride	0.020	0.0089	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 10:52	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: FB-1 (3-5) Sampled: 9/17/2020 10:00

Sample ID: 20I1074-12

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		108	70-130					9/22/20 10:52	
Toluene-d8		96.9	70-130					9/22/20 10:52	
4-Bromofluorobenzene		95.8	70-130					9/22/20 10:52	

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Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: FB-1 (3-5) Sampled: 9/17/2020 10:00

Sample ID: 20I1074-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.8		% Wt	1		SM 2540G	9/23/20	9/24/20 7:51	CJT

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

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: FB-2 (1-3) Sampled: 9/17/2020 10:40

Sample ID: 20I1074-13

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
Bromodichloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
Carbon Tetrachloride	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
Chlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
Chlorodibromomethane	ND	0.00094	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
Chloroethane	ND	0.019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
Chloroform	ND	0.0038	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
Chloromethane	ND	0.0094	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
2-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
4-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
1,2-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
1,3-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
1,4-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
trans-1,4-Dichloro-2-butene	ND	0.0038	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.019	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
1,1-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
1,2-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
1,1-Dichloroethylene	ND	0.0038	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
cis-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
trans-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
1,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
1,3-Dichloropropane	ND	0.00094	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
2,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
1,1-Dichloropropene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
cis-1,3-Dichloropropene	ND	0.00094	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
trans-1,3-Dichloropropene	ND	0.00094	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
Hexachlorobutadiene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
Methylene Chloride	ND	0.019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
1,1,1,2-Tetrachloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
1,1,2,2-Tetrachloroethane	ND	0.00094	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
Tetrachloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
1,2,3-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
1,2,4-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
1,3,5-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
1,1,1-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
1,1,2-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
Trichloroethylene	0.0023	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0094	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
1,2,3-Trichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0094	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF
Vinyl Chloride	ND	0.0094	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:20	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: FB-2 (1-3) Sampled: 9/17/2020 10:40

Sample ID: 20I1074-13

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		115	70-130					9/22/20 11:20	
Toluene-d8		100	70-130					9/22/20 11:20	
4-Bromofluorobenzene		101	70-130					9/22/20 11:20	

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Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: FB-2 (1-3) Sampled: 9/17/2020 10:40

Sample ID: 20I1074-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.5		% Wt	1		SM 2540G	9/23/20	9/24/20 7:51	CJT

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: FB-2 (8-10) Sampled: 9/17/2020 10:35

Sample ID: 20I1074-14

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
Bromodichloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
Carbon Tetrachloride	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
Chlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
Chlorodibromomethane	ND	0.00087	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
Chloroethane	ND	0.017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
Chloroform	ND	0.0035	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
Chloromethane	ND	0.0087	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
2-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
4-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
1,2-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
1,3-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
1,4-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
trans-1,4-Dichloro-2-butene	ND	0.0035	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
1,1-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
1,2-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
1,1-Dichloroethylene	ND	0.0035	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
cis-1,2-Dichloroethylene	0.077	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
trans-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
1,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
1,3-Dichloropropane	ND	0.00087	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
2,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
1,1-Dichloropropene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
cis-1,3-Dichloropropene	ND	0.00087	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
trans-1,3-Dichloropropene	ND	0.00087	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
Hexachlorobutadiene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
Methylene Chloride	ND	0.017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
1,1,2,2-Tetrachloroethane	ND	0.00087	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
Tetrachloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
1,2,3-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
1,2,4-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
1,3,5-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
1,1,1-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
1,1,2-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
Trichloroethylene	0.0079	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0087	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
1,2,3-Trichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0087	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF
Vinyl Chloride	ND	0.0087	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 11:47	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: FB-2 (8-10) Sampled: 9/17/2020 10:35

Sample ID: 20I1074-14

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		107	70-130					9/22/20 11:47	
Toluene-d8		98.6	70-130					9/22/20 11:47	
4-Bromofluorobenzene		104	70-130					9/22/20 11:47	

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Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: FB-2 (8-10) Sampled: 9/17/2020 10:35

Sample ID: 20I1074-14

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.2		% Wt	1		SM 2540G	9/23/20	9/24/20 7:51	CJT

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: FB-3 (2-4) Sampled: 9/17/2020 10:55

Sample ID: 20I1074-15

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
Bromodichloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
Carbon Tetrachloride	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
Chlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
Chlorodibromomethane	ND	0.00076	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
Chloroethane	ND	0.015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
Chloroform	ND	0.0030	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
Chloromethane	ND	0.0076	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
2-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
4-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
1,2-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
1,3-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
1,4-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
trans-1,4-Dichloro-2-butene	ND	0.0030	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.015	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
1,1-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
1,2-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
1,1-Dichloroethylene	ND	0.0030	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
cis-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
trans-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
1,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
1,3-Dichloropropane	ND	0.00076	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
2,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
1,1-Dichloropropene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
cis-1,3-Dichloropropene	ND	0.00076	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
trans-1,3-Dichloropropene	ND	0.00076	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
Hexachlorobutadiene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
Methylene Chloride	ND	0.015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
1,1,1,2-Tetrachloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
1,1,2,2-Tetrachloroethane	ND	0.00076	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
Tetrachloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
1,2,3-Trichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
1,2,4-Trichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
1,3,5-Trichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
1,1,1-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
1,1,2-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
Trichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0076	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
1,2,3-Trichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0076	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF
Vinyl Chloride	ND	0.0076	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:14	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: FB-3 (2-4) Sampled: 9/17/2020 10:55

Sample ID: 20I1074-15

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		110	70-130					9/22/20 12:14	
Toluene-d8		98.5	70-130					9/22/20 12:14	
4-Bromofluorobenzene		98.4	70-130					9/22/20 12:14	

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Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: FB-3 (2-4) Sampled: 9/17/2020 10:55

Sample ID: 20I1074-15

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.4		% Wt	1		SM 2540G	9/23/20	9/24/20 7:51	CJT

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: FB-4 (1-3) Sampled: 9/17/2020 11:05

Sample ID: 20I1074-16

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
Bromodichloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
Carbon Tetrachloride	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
Chlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
Chlorodibromomethane	ND	0.00077	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
Chloroethane	ND	0.015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
Chloroform	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
Chloromethane	ND	0.0077	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
2-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
4-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
1,2-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
1,3-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
1,4-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
trans-1,4-Dichloro-2-butene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.015	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
1,1-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
1,2-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
1,1-Dichloroethylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
cis-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
trans-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
1,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
1,3-Dichloropropane	ND	0.00077	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
2,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
1,1-Dichloropropene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
cis-1,3-Dichloropropene	ND	0.00077	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
trans-1,3-Dichloropropene	ND	0.00077	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
Hexachlorobutadiene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
Methylene Chloride	ND	0.015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
1,1,1,2-Tetrachloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
1,1,2,2-Tetrachloroethane	ND	0.00077	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
Tetrachloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
1,2,3-Trichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
1,2,4-Trichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
1,3,5-Trichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
1,1,1-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
1,1,2-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
Trichloroethylene	0.016	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0077	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
1,2,3-Trichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0077	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF
Vinyl Chloride	ND	0.0077	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 12:42	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: FB-4 (1-3) Sampled: 9/17/2020 11:05

Sample ID: 20I1074-16

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		107	70-130					9/22/20 12:42	
Toluene-d8		99.6	70-130					9/22/20 12:42	
4-Bromofluorobenzene		97.7	70-130					9/22/20 12:42	

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Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: FB-4 (1-3) Sampled: 9/17/2020 11:05

Sample ID: 20I1074-16

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.9		% Wt	1		SM 2540G	9/23/20	9/24/20 7:52	CJT

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-SW-1 (2-4) Sampled: 9/17/2020 11:20

Sample ID: 20I1074-17

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
Bromodichloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
Carbon Tetrachloride	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
Chlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
Chlorodibromomethane	ND	0.00075	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
Chloroethane	ND	0.015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
Chloroform	ND	0.0030	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
Chloromethane	ND	0.0075	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
2-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
4-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
1,2-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
1,3-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
1,4-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
trans-1,4-Dichloro-2-butene	ND	0.0030	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.015	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
1,1-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
1,2-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
1,1-Dichloroethylene	ND	0.0030	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
cis-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
trans-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
1,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
1,3-Dichloropropane	ND	0.00075	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
2,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
1,1-Dichloropropene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
cis-1,3-Dichloropropene	ND	0.00075	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
trans-1,3-Dichloropropene	ND	0.00075	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
Hexachlorobutadiene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
Methylene Chloride	ND	0.015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
1,1,1,2-Tetrachloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
1,1,2,2-Tetrachloroethane	ND	0.00075	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
Tetrachloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
1,2,3-Trichlorobenzene	ND	0.0015	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
1,2,4-Trichlorobenzene	ND	0.0015	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
1,3,5-Trichlorobenzene	ND	0.0015	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
1,1,1-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
1,1,2-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
Trichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0075	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
1,2,3-Trichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0075	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF
Vinyl Chloride	ND	0.0075	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 0:34	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-SW-1 (2-4) Sampled: 9/17/2020 11:20

Sample ID: 20I1074-17

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		111	70-130					9/23/20 0:34	
Toluene-d8		98.0	70-130					9/23/20 0:34	
4-Bromofluorobenzene		97.8	70-130					9/23/20 0:34	

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Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-SW-1 (2-4) Sampled: 9/17/2020 11:20

Sample ID: 20I1074-17

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.1		% Wt	1		SM 2540G	9/23/20	9/24/20 7:52	CJT

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

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-SW-2 (1-3) Sampled: 9/17/2020 11:35

Sample ID: 20I1074-18

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
Bromodichloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
Carbon Tetrachloride	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
Chlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
Chlorodibromomethane	ND	0.00092	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
Chloroethane	ND	0.018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
Chloroform	ND	0.0037	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
Chloromethane	ND	0.0092	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
2-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
4-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
1,2-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
1,3-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
1,4-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
trans-1,4-Dichloro-2-butene	ND	0.0037	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.018	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
1,1-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
1,2-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
1,1-Dichloroethylene	ND	0.0037	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
cis-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
trans-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
1,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
1,3-Dichloropropane	ND	0.00092	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
2,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
1,1-Dichloropropene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
cis-1,3-Dichloropropene	ND	0.00092	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
trans-1,3-Dichloropropene	ND	0.00092	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
Hexachlorobutadiene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
Methylene Chloride	ND	0.018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
1,1,1,2-Tetrachloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
1,1,2,2-Tetrachloroethane	ND	0.00092	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
Tetrachloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
1,2,3-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
1,2,4-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
1,3,5-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
1,1,1-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
1,1,2-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
Trichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0092	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
1,2,3-Trichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0092	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF
Vinyl Chloride	ND	0.0092	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:09	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-SW-2 (1-3) Sampled: 9/17/2020 11:35

Sample ID: 20I1074-18

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		107	70-130					9/22/20 13:09	
Toluene-d8		96.8	70-130					9/22/20 13:09	
4-Bromofluorobenzene		93.7	70-130					9/22/20 13:09	

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

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-SW-2 (1-3) Sampled: 9/17/2020 11:35

Sample ID: 20I1074-18

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.0		% Wt	1		SM 2540G	9/23/20	9/24/20 7:52	CJT

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-SW-3 (1-3) Sampled: 9/17/2020 11:45

Sample ID: 20I1074-19

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
Bromodichloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
Carbon Tetrachloride	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
Chlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
Chlorodibromomethane	ND	0.00083	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
Chloroethane	ND	0.017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
Chloroform	ND	0.0033	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
Chloromethane	ND	0.0083	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
2-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
4-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
1,2-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
1,3-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
1,4-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
trans-1,4-Dichloro-2-butene	ND	0.0033	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
1,1-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
1,2-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
1,1-Dichloroethylene	ND	0.0033	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
cis-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
trans-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
1,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
1,3-Dichloropropane	ND	0.00083	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
2,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
1,1-Dichloropropene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
cis-1,3-Dichloropropene	ND	0.00083	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
trans-1,3-Dichloropropene	ND	0.00083	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
Hexachlorobutadiene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
Methylene Chloride	ND	0.017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
1,1,2,2-Tetrachloroethane	ND	0.00083	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
Tetrachloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
1,2,3-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
1,2,4-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
1,3,5-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
1,1,1-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
1,1,2-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
Trichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0083	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
1,2,3-Trichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0083	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF
Vinyl Chloride	ND	0.0083	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 13:37	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-SW-3 (1-3) Sampled: 9/17/2020 11:45

Sample ID: 20I1074-19

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		108	70-130					9/22/20 13:37	
Toluene-d8		97.8	70-130					9/22/20 13:37	
4-Bromofluorobenzene		98.2	70-130					9/22/20 13:37	

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

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-SW-3 (1-3) Sampled: 9/17/2020 11:45

Sample ID: 20I1074-19

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.3		% Wt	1		SM 2540G	9/23/20	9/24/20 7:52	CJT

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

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-SW-4 (2-4) Sampled: 9/17/2020 12:50

Sample ID: 20I1074-20

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
Bromodichloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
Carbon Tetrachloride	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
Chlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
Chloroethane	ND	0.022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
Chloroform	ND	0.0044	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
2-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
4-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
1,2-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
1,3-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
1,4-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
trans-1,4-Dichloro-2-butene	ND	0.0044	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.022	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
1,1-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
1,2-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
1,1-Dichloroethylene	ND	0.0044	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
cis-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
trans-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
1,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
2,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
1,1-Dichloropropene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
Hexachlorobutadiene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
Methylene Chloride	ND	0.022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
Tetrachloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
1,2,3-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
1,2,4-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
1,3,5-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
1,1,1-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
1,1,2-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
Trichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
1,2,3-Trichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:06	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-SW-4 (2-4) Sampled: 9/17/2020 12:50

Sample ID: 20I1074-20

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		109	70-130					9/22/20 14:06	
Toluene-d8		98.4	70-130					9/22/20 14:06	
4-Bromofluorobenzene		94.7	70-130					9/22/20 14:06	

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Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1074

Date Received: 9/21/2020

Field Sample #: EXT-SW-4 (2-4) Sampled: 9/17/2020 12:50

Sample ID: 20I1074-20

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.7		% Wt	1		SM 2540G	9/23/20	9/24/20 7:52	CJT

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Sample Extraction Data

Prep Method: % Solids **Analytical Method: SM 2540G**

Lab Number [Field ID]	Batch	Date
20I1074-01 [EXT-NW-1 (1-3)]	B267078	09/23/20
20I1074-02 [EXT-NW-2 (1-3)]	B267078	09/23/20
20I1074-03 [EXT-NW-2 (5-7)]	B267078	09/23/20
20I1074-04 [EXT-NW-3 (1-3)]	B267078	09/23/20
20I1074-05 [OW-1 (0-2)]	B267078	09/23/20
20I1074-06 [MW-15R (2-4)]	B267078	09/23/20
20I1074-07 [MW-15R (8-10)]	B267078	09/23/20
20I1074-08 [MW-15R (10-11.5)]	B267078	09/23/20
20I1074-09 [EXT-NE-3 (2-4)]	B267078	09/23/20
20I1074-10 [EXT-W-1 (2-4)]	B267078	09/23/20
20I1074-11 [EXT-W-2 (1-3)]	B267078	09/23/20
20I1074-12 [FB-1 (3-5)]	B267078	09/23/20
20I1074-13 [FB-2 (1-3)]	B267078	09/23/20
20I1074-14 [FB-2 (8-10)]	B267078	09/23/20
20I1074-15 [FB-3 (2-4)]	B267078	09/23/20
20I1074-16 [FB-4 (1-3)]	B267078	09/23/20
20I1074-17 [EXT-SW-1 (2-4)]	B267078	09/23/20
20I1074-18 [EXT-SW-2 (1-3)]	B267078	09/23/20
20I1074-19 [EXT-SW-3 (1-3)]	B267078	09/23/20
20I1074-20 [EXT-SW-4 (2-4)]	B267078	09/23/20

Prep Method: SW-846 5035 **Analytical Method: SW-846 8260C-D**

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
20I1074-03 [EXT-NW-2 (5-7)]	B266979	4.11	5.42	1	50	09/22/20
20I1074-11 [EXT-W-2 (1-3)]	B266979	6.28	5.94	0.1	50	09/22/20

Prep Method: SW-846 5035 **Analytical Method: SW-846 8260C-D**

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
20I1074-07 [MW-15R (8-10)]	B267010	7.01	5.53	0.1	50	09/22/20
20I1074-08 [MW-15R (10-11.5)]	B267010	8.47	6.25	0.1	50	09/22/20

Prep Method: SW-846 5035 **Analytical Method: SW-846 8260C-D**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
20I1074-01 [EXT-NW-1 (1-3)]	B267026	5.42	10.0	09/22/20
20I1074-02 [EXT-NW-2 (1-3)]	B267026	4.81	10.0	09/22/20
20I1074-04 [EXT-NW-3 (1-3)]	B267026	5.37	10.0	09/22/20
20I1074-05 [OW-1 (0-2)]	B267026	5.24	10.0	09/22/20
20I1074-06 [MW-15R (2-4)]	B267026	7.33	10.0	09/22/20
20I1074-07 [MW-15R (8-10)]	B267026	6.79	10.0	09/22/20
20I1074-08 [MW-15R (10-11.5)]	B267026	2.80	10.0	09/22/20
20I1074-09 [EXT-NE-3 (2-4)]	B267026	5.56	10.0	09/22/20
20I1074-10 [EXT-W-1 (2-4)]	B267026	3.96	10.0	09/22/20
20I1074-12 [FB-1 (3-5)]	B267026	6.17	10.0	09/22/20
20I1074-13 [FB-2 (1-3)]	B267026	6.50	10.0	09/22/20
20I1074-14 [FB-2 (8-10)]	B267026	6.67	10.0	09/22/20
20I1074-15 [FB-3 (2-4)]	B267026	7.72	10.0	09/22/20
20I1074-16 [FB-4 (1-3)]	B267026	7.69	10.0	09/22/20
20I1074-18 [EXT-SW-2 (1-3)]	B267026	6.40	10.0	09/22/20

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Sample Extraction Data

Prep Method: SW-846 5035 **Analytical Method: SW-846 8260C-D**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
20I1074-19 [EXT-SW-3 (1-3)]	B267026	6.85	10.0	09/22/20
20I1074-20 [EXT-SW-4 (2-4)]	B267026	5.11	10.0	09/22/20

Prep Method: SW-846 5035 **Analytical Method: SW-846 8260C-D**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
20I1074-17 [EXT-SW-1 (2-4)]	B267040	7.37	10.0	09/22/20

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B266979 - SW-846 5035										
Blank (B266979-BLK1)				Prepared & Analyzed: 09/22/20						
Bromochloromethane	ND	0.050	mg/Kg wet							
Bromodichloromethane	ND	0.050	mg/Kg wet							
Carbon Tetrachloride	ND	0.050	mg/Kg wet							
Chlorobenzene	ND	0.050	mg/Kg wet							
Chlorodibromomethane	ND	0.025	mg/Kg wet							
Chloroethane	ND	0.10	mg/Kg wet							
Chloroform	ND	0.10	mg/Kg wet							
Chloromethane	ND	0.10	mg/Kg wet							V-05, V-34
2-Chlorotoluene	ND	0.050	mg/Kg wet							
4-Chlorotoluene	ND	0.050	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.050	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.10	mg/Kg wet							L-04, V-05
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet							
1,1-Dichloroethane	ND	0.050	mg/Kg wet							
1,2-Dichloroethane	ND	0.050	mg/Kg wet							
1,1-Dichloroethylene	ND	0.050	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
1,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,3-Dichloropropane	ND	0.025	mg/Kg wet							
2,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,1-Dichloropropene	ND	0.10	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.025	mg/Kg wet							V-05
Hexachlorobutadiene	ND	0.050	mg/Kg wet							
Methylene Chloride	ND	0.25	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.050	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet							
Tetrachloroethylene	ND	0.050	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.25	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.050	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.050	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.050	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.050	mg/Kg wet							
Trichloroethylene	ND	0.050	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.050	mg/Kg wet							
Vinyl Chloride	ND	0.10	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	*0.0189*		mg/Kg wet	0.0250		75.7	70-130			
Surrogate: Toluene-d8	*0.0234*		mg/Kg wet	0.0250		93.8	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0242*		mg/Kg wet	0.0250		97.0	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B266979 - SW-846 5035												
LCS (B266979-BS1)				Prepared & Analyzed: 09/22/20								
Bromochloromethane	0.0120	0.0011	mg/Kg wet	0.0113		106		70-130				
Bromodichloromethane	0.00957	0.0011	mg/Kg wet	0.0113		84.4		70-130				
Carbon Tetrachloride	0.00976	0.0011	mg/Kg wet	0.0113		86.1		70-130				
Chlorobenzene	0.0120	0.0011	mg/Kg wet	0.0113		106		70-130				
Chlorodibromomethane	0.0101	0.00057	mg/Kg wet	0.0113		89.2		70-130				
Chloroethane	0.0111	0.0023	mg/Kg wet	0.0113		97.7		70-130				
Chloroform	0.0107	0.0023	mg/Kg wet	0.0113		94.0		70-130				
Chloromethane	0.00838	0.0023	mg/Kg wet	0.0113		73.9		70-130			V-05, V-34	
2-Chlorotoluene	0.0112	0.0011	mg/Kg wet	0.0113		98.7		70-130				
4-Chlorotoluene	0.0111	0.0011	mg/Kg wet	0.0113		98.1		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.00919	0.0057	mg/Kg wet	0.0113		81.1		70-130				
1,2-Dichlorobenzene	0.0109	0.0011	mg/Kg wet	0.0113		95.8		70-130				
1,3-Dichlorobenzene	0.0111	0.0011	mg/Kg wet	0.0113		98.2		70-130				
1,4-Dichlorobenzene	0.0107	0.0011	mg/Kg wet	0.0113		94.8		70-130				
trans-1,4-Dichloro-2-butene	0.00637	0.0023	mg/Kg wet	0.0113		**56.2**	*	70-130			V-05, L-04	
Dichlorodifluoromethane (Freon 12)	0.0103	0.0023	mg/Kg wet	0.0113		90.9		40-160				†
1,1-Dichloroethane	0.0111	0.0011	mg/Kg wet	0.0113		97.6		70-130				
1,2-Dichloroethane	0.00916	0.0011	mg/Kg wet	0.0113		80.8		70-130				
1,1-Dichloroethylene	0.0103	0.0011	mg/Kg wet	0.0113		90.5		70-130				
cis-1,2-Dichloroethylene	0.0111	0.0011	mg/Kg wet	0.0113		98.2		70-130				
trans-1,2-Dichloroethylene	0.0109	0.0011	mg/Kg wet	0.0113		95.9		70-130				
1,2-Dichloropropane	0.0115	0.0011	mg/Kg wet	0.0113		102		70-130				
1,3-Dichloropropane	0.0107	0.00057	mg/Kg wet	0.0113		94.0		70-130				
2,2-Dichloropropane	0.00984	0.0011	mg/Kg wet	0.0113		86.8		70-130				
1,1-Dichloropropene	0.0109	0.0023	mg/Kg wet	0.0113		96.1		70-130				
cis-1,3-Dichloropropene	0.00936	0.00057	mg/Kg wet	0.0113		82.6		70-130				
trans-1,3-Dichloropropene	0.00872	0.00057	mg/Kg wet	0.0113		76.9		70-130			V-05	
Hexachlorobutadiene	0.0101	0.0011	mg/Kg wet	0.0113		89.5		70-160				
Methylene Chloride	0.0115	0.0057	mg/Kg wet	0.0113		101		40-160				†
1,1,1,2-Tetrachloroethane	0.0118	0.0011	mg/Kg wet	0.0113		104		70-130				
1,1,2,2-Tetrachloroethane	0.0117	0.00057	mg/Kg wet	0.0113		104		70-130				
Tetrachloroethylene	0.0114	0.0011	mg/Kg wet	0.0113		101		70-130				
1,2,3-Trichlorobenzene	0.00970	0.0057	mg/Kg wet	0.0113		85.6		70-130				
1,2,4-Trichlorobenzene	0.0103	0.0011	mg/Kg wet	0.0113		90.7		70-130				
1,3,5-Trichlorobenzene	0.0107	0.0011	mg/Kg wet	0.0113		94.2		70-130				
1,1,1-Trichloroethane	0.0103	0.0011	mg/Kg wet	0.0113		91.0		70-130				
1,1,2-Trichloroethane	0.0109	0.0011	mg/Kg wet	0.0113		96.4		70-130				
Trichloroethylene	0.0111	0.0011	mg/Kg wet	0.0113		97.6		70-130				
Trichlorofluoromethane (Freon 11)	0.00968	0.0023	mg/Kg wet	0.0113		85.4		70-130				
1,2,3-Trichloropropane	0.0120	0.0023	mg/Kg wet	0.0113		106		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0112	0.0011	mg/Kg wet	0.0113		98.4		70-130				
Vinyl Chloride	0.0112	0.0023	mg/Kg wet	0.0113		98.7		40-130				†
Surrogate: 1,2-Dichloroethane-d4	*0.0218*		mg/Kg wet	0.0283		76.9		70-130				
Surrogate: Toluene-d8	*0.0266*		mg/Kg wet	0.0283		93.8		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0275*		mg/Kg wet	0.0283		97.0		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B266979 - SW-846 5035												
LCS Dup (B266979-BSD1)				Prepared & Analyzed: 09/22/20								
Bromochloromethane	0.0132	0.0011	mg/Kg wet	0.0113		116		70-130	9.91	25		
Bromodichloromethane	0.0102	0.0011	mg/Kg wet	0.0113		90.1		70-130	6.53	25		
Carbon Tetrachloride	0.0102	0.0011	mg/Kg wet	0.0113		89.8		70-130	4.21	25		
Chlorobenzene	0.0126	0.0011	mg/Kg wet	0.0113		112		70-130	5.25	25		
Chlorodibromomethane	0.0106	0.00057	mg/Kg wet	0.0113		93.7		70-130	4.92	25		
Chloroethane	0.0106	0.0023	mg/Kg wet	0.0113		93.9		70-130	3.97	25		
Chloroform	0.0109	0.0023	mg/Kg wet	0.0113		96.5		70-130	2.62	25		
Chloromethane	0.00869	0.0023	mg/Kg wet	0.0113		76.7		70-130	3.72	25	V-34, V-05	
2-Chlorotoluene	0.0117	0.0011	mg/Kg wet	0.0113		103		70-130	4.65	25		
4-Chlorotoluene	0.0119	0.0011	mg/Kg wet	0.0113		105		70-130	7.08	25		
1,2-Dibromo-3-chloropropane (DBCP)	0.00943	0.0057	mg/Kg wet	0.0113		83.2		70-130	2.56	25		
1,2-Dichlorobenzene	0.0112	0.0011	mg/Kg wet	0.0113		98.9		70-130	3.18	25		
1,3-Dichlorobenzene	0.0115	0.0011	mg/Kg wet	0.0113		102		70-130	3.30	25		
1,4-Dichlorobenzene	0.0113	0.0011	mg/Kg wet	0.0113		99.6		70-130	4.94	25		
trans-1,4-Dichloro-2-butene	0.00750	0.0023	mg/Kg wet	0.0113		**66.2**	*	70-130	16.3	25	L-04, V-05	
Dichlorodifluoromethane (Freon 12)	0.0107	0.0023	mg/Kg wet	0.0113		94.8		40-160	4.20	25		†
1,1-Dichloroethane	0.0115	0.0011	mg/Kg wet	0.0113		102		70-130	4.02	25		
1,2-Dichloroethane	0.00975	0.0011	mg/Kg wet	0.0113		86.0		70-130	6.24	25		
1,1-Dichloroethylene	0.0104	0.0011	mg/Kg wet	0.0113		91.4		70-130	0.990	25		
cis-1,2-Dichloroethylene	0.0113	0.0011	mg/Kg wet	0.0113		100		70-130	1.92	25		
trans-1,2-Dichloroethylene	0.0113	0.0011	mg/Kg wet	0.0113		99.9		70-130	4.09	25		
1,2-Dichloropropane	0.0118	0.0011	mg/Kg wet	0.0113		104		70-130	2.53	25		
1,3-Dichloropropane	0.0108	0.00057	mg/Kg wet	0.0113		95.3		70-130	1.37	25		
2,2-Dichloropropane	0.00996	0.0011	mg/Kg wet	0.0113		87.9		70-130	1.26	25		
1,1-Dichloropropene	0.0114	0.0023	mg/Kg wet	0.0113		101		70-130	4.97	25		
cis-1,3-Dichloropropene	0.00955	0.00057	mg/Kg wet	0.0113		84.3		70-130	2.04	25		
trans-1,3-Dichloropropene	0.00894	0.00057	mg/Kg wet	0.0113		78.9		70-130	2.57	25	V-05	
Hexachlorobutadiene	0.0106	0.0011	mg/Kg wet	0.0113		93.8		70-160	4.69	25		
Methylene Chloride	0.0117	0.0057	mg/Kg wet	0.0113		103		40-160	1.66	25		†
1,1,1,2-Tetrachloroethane	0.0126	0.0011	mg/Kg wet	0.0113		111		70-130	6.58	25		
1,1,2,2-Tetrachloroethane	0.0122	0.00057	mg/Kg wet	0.0113		108		70-130	4.16	25		
Tetrachloroethylene	0.0122	0.0011	mg/Kg wet	0.0113		107		70-130	6.05	25		
1,2,3-Trichlorobenzene	0.0100	0.0057	mg/Kg wet	0.0113		88.5		70-130	3.33	25		
1,2,4-Trichlorobenzene	0.0107	0.0011	mg/Kg wet	0.0113		94.1		70-130	3.68	25		
1,3,5-Trichlorobenzene	0.0109	0.0011	mg/Kg wet	0.0113		96.6		70-130	2.52	25		
1,1,1-Trichloroethane	0.0106	0.0011	mg/Kg wet	0.0113		93.4		70-130	2.60	25		
1,1,2-Trichloroethane	0.0114	0.0011	mg/Kg wet	0.0113		101		70-130	4.56	25		
Trichloroethylene	0.0115	0.0011	mg/Kg wet	0.0113		101		70-130	3.72	25		
Trichlorofluoromethane (Freon 11)	0.0102	0.0023	mg/Kg wet	0.0113		90.0		70-130	5.25	25		
1,2,3-Trichloropropane	0.0130	0.0023	mg/Kg wet	0.0113		115		70-130	7.78	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0113	0.0011	mg/Kg wet	0.0113		99.8		70-130	1.41	25		
Vinyl Chloride	0.0117	0.0023	mg/Kg wet	0.0113		103		40-130	4.65	25		†
Surrogate: 1,2-Dichloroethane-d4	*0.0215*		mg/Kg wet	0.0283		75.9		70-130				
Surrogate: Toluene-d8	*0.0266*		mg/Kg wet	0.0283		93.7		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0280*		mg/Kg wet	0.0283		98.9		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B267010 - SW-846 5035										
Blank (B267010-BLK1)				Prepared: 09/22/20 Analyzed: 09/23/20						
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
Trichloroethylene	ND	0.050	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	*0.0258*		mg/Kg wet	0.0250		103	70-130			
Surrogate: Toluene-d8	*0.0249*		mg/Kg wet	0.0250		99.4	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0245*		mg/Kg wet	0.0250		98.2	70-130			
LCS (B267010-BS1)				Prepared: 09/22/20 Analyzed: 09/23/20						
cis-1,2-Dichloroethylene	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130			
Trichloroethylene	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0288*		mg/Kg wet	0.0283		102	70-130			
Surrogate: Toluene-d8	*0.0283*		mg/Kg wet	0.0283		99.8	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0285*		mg/Kg wet	0.0283		101	70-130			
LCS Dup (B267010-BSD1)				Prepared: 09/22/20 Analyzed: 09/23/20						
cis-1,2-Dichloroethylene	0.0117	0.0011	mg/Kg wet	0.0113		103	70-130	1.96	25	
Trichloroethylene	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130	4.53	25	
Surrogate: 1,2-Dichloroethane-d4	*0.0296*		mg/Kg wet	0.0283		105	70-130			
Surrogate: Toluene-d8	*0.0282*		mg/Kg wet	0.0283		99.5	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0283*		mg/Kg wet	0.0283		99.8	70-130			
Batch B267026 - SW-846 5035										
Blank (B267026-BLK1)				Prepared & Analyzed: 09/22/20						
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							V-05
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B267026 - SW-846 5035											
Blank (B267026-BLK1)				Prepared & Analyzed: 09/22/20							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet								
Tetrachloroethylene	ND	0.0020	mg/Kg wet								
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet								
Trichloroethylene	ND	0.0020	mg/Kg wet								
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet								
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet								
Vinyl Chloride	ND	0.010	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0552*		mg/Kg wet	0.0500		110	70-130				
Surrogate: Toluene-d8	*0.0497*		mg/Kg wet	0.0500		99.3	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0495*		mg/Kg wet	0.0500		99.0	70-130				
LCS (B267026-BS1)				Prepared & Analyzed: 09/22/20							
Bromochloromethane	0.0243	0.0020	mg/Kg wet	0.0200		122	70-130			V-20	
Bromodichloromethane	0.0188	0.0020	mg/Kg wet	0.0200		93.9	70-130				
Carbon Tetrachloride	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130				
Chlorobenzene	0.0196	0.0020	mg/Kg wet	0.0200		97.8	70-130				
Chlorodibromomethane	0.0198	0.0010	mg/Kg wet	0.0200		99.2	70-130				
Chloroethane	0.0232	0.020	mg/Kg wet	0.0200		116	70-130				
Chloroform	0.0201	0.0040	mg/Kg wet	0.0200		100	70-130				
Chloromethane	0.0215	0.010	mg/Kg wet	0.0200		107	70-130				
2-Chlorotoluene	0.0177	0.0020	mg/Kg wet	0.0200		88.6	70-130				
4-Chlorotoluene	0.0170	0.0020	mg/Kg wet	0.0200		85.2	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130				
1,2-Dichlorobenzene	0.0187	0.0020	mg/Kg wet	0.0200		93.5	70-130				
1,3-Dichlorobenzene	0.0188	0.0020	mg/Kg wet	0.0200		93.8	70-130				
1,4-Dichlorobenzene	0.0178	0.0020	mg/Kg wet	0.0200		89.0	70-130				
trans-1,4-Dichloro-2-butene	0.0199	0.0040	mg/Kg wet	0.0200		99.6	70-130				
Dichlorodifluoromethane (Freon 12)	0.0159	0.020	mg/Kg wet	0.0200		79.7	40-160			V-05	†
1,1-Dichloroethane	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130				
1,2-Dichloroethane	0.0197	0.0020	mg/Kg wet	0.0200		98.6	70-130				
1,1-Dichloroethylene	0.0208	0.0040	mg/Kg wet	0.0200		104	70-130				
cis-1,2-Dichloroethylene	0.0217	0.0020	mg/Kg wet	0.0200		109	70-130				
trans-1,2-Dichloroethylene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130				
1,2-Dichloropropane	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130				
1,3-Dichloropropane	0.0204	0.0010	mg/Kg wet	0.0200		102	70-130				
2,2-Dichloropropane	0.0189	0.0020	mg/Kg wet	0.0200		94.5	70-130				
1,1-Dichloropropene	0.0197	0.0020	mg/Kg wet	0.0200		98.7	70-130				
cis-1,3-Dichloropropene	0.0194	0.0010	mg/Kg wet	0.0200		97.2	70-130				
trans-1,3-Dichloropropene	0.0197	0.0010	mg/Kg wet	0.0200		98.7	70-130				
Hexachlorobutadiene	0.0162	0.0020	mg/Kg wet	0.0200		81.0	70-160				
Methylene Chloride	0.0249	0.020	mg/Kg wet	0.0200		124	40-160			V-20	†
1,1,1,2-Tetrachloroethane	0.0180	0.0020	mg/Kg wet	0.0200		90.1	70-130				
1,1,2,2-Tetrachloroethane	0.0193	0.0010	mg/Kg wet	0.0200		96.3	70-130				
Tetrachloroethylene	0.0181	0.0020	mg/Kg wet	0.0200		90.3	70-130				
1,2,3-Trichlorobenzene	0.0175	0.0020	mg/Kg wet	0.0200		87.7	70-130				
1,2,4-Trichlorobenzene	0.0167	0.0020	mg/Kg wet	0.0200		83.5	70-130				
1,3,5-Trichlorobenzene	0.0178	0.0020	mg/Kg wet	0.0200		89.1	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B267026 - SW-846 5035											
LCS (B267026-BS1)				Prepared & Analyzed: 09/22/20							
1,1,1-Trichloroethane	0.0188	0.0020	mg/Kg wet	0.0200		93.8	70-130				
1,1,2-Trichloroethane	0.0184	0.0020	mg/Kg wet	0.0200		91.9	70-130				
Trichloroethylene	0.0182	0.0020	mg/Kg wet	0.0200		90.8	70-130				
Trichlorofluoromethane (Freon 11)	0.0213	0.010	mg/Kg wet	0.0200		107	70-130				
1,2,3-Trichloropropane	0.0181	0.0020	mg/Kg wet	0.0200		90.5	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0221	0.010	mg/Kg wet	0.0200		111	70-130				
Vinyl Chloride	0.0213	0.010	mg/Kg wet	0.0200		107	40-130				†
Surrogate: 1,2-Dichloroethane-d4	*0.0541*		mg/Kg wet	0.0500		108	70-130				
Surrogate: Toluene-d8	*0.0495*		mg/Kg wet	0.0500		99.1	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0488*		mg/Kg wet	0.0500		97.6	70-130				
LCS Dup (B267026-BSD1)				Prepared & Analyzed: 09/22/20							
Bromochloromethane	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130	12.3	25	V-20	
Bromodichloromethane	0.0181	0.0020	mg/Kg wet	0.0200		90.5	70-130	3.69	25		
Carbon Tetrachloride	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130	6.46	25		
Chlorobenzene	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130	3.61	25		
Chlorodibromomethane	0.0192	0.0010	mg/Kg wet	0.0200		96.1	70-130	3.17	25		
Chloroethane	0.0223	0.020	mg/Kg wet	0.0200		112	70-130	3.96	25		
Chloroform	0.0189	0.0040	mg/Kg wet	0.0200		94.3	70-130	6.17	25		
Chloromethane	0.0207	0.010	mg/Kg wet	0.0200		104	70-130	3.51	25		
2-Chlorotoluene	0.0182	0.0020	mg/Kg wet	0.0200		90.8	70-130	2.45	25		
4-Chlorotoluene	0.0174	0.0020	mg/Kg wet	0.0200		86.9	70-130	1.98	25		
1,2-Dibromo-3-chloropropane (DBCP)	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	0.966	25		
1,2-Dichlorobenzene	0.0190	0.0020	mg/Kg wet	0.0200		94.8	70-130	1.38	25		
1,3-Dichlorobenzene	0.0179	0.0020	mg/Kg wet	0.0200		89.5	70-130	4.69	25		
1,4-Dichlorobenzene	0.0173	0.0020	mg/Kg wet	0.0200		86.6	70-130	2.73	25		
trans-1,4-Dichloro-2-butene	0.0191	0.0040	mg/Kg wet	0.0200		95.5	70-130	4.20	25		
Dichlorodifluoromethane (Freon 12)	0.0163	0.020	mg/Kg wet	0.0200		81.6	40-160	2.36	25	V-05	†
1,1-Dichloroethane	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130	6.40	25		
1,2-Dichloroethane	0.0194	0.0020	mg/Kg wet	0.0200		97.1	70-130	1.53	25		
1,1-Dichloroethylene	0.0190	0.0040	mg/Kg wet	0.0200		94.9	70-130	8.96	25		
cis-1,2-Dichloroethylene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	6.46	25		
trans-1,2-Dichloroethylene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130	5.69	25		
1,2-Dichloropropane	0.0205	0.0020	mg/Kg wet	0.0200		103	70-130	3.35	25		
1,3-Dichloropropane	0.0190	0.0010	mg/Kg wet	0.0200		94.8	70-130	7.12	25		
2,2-Dichloropropane	0.0182	0.0020	mg/Kg wet	0.0200		90.8	70-130	3.99	25		
1,1-Dichloropropene	0.0192	0.0020	mg/Kg wet	0.0200		95.8	70-130	2.98	25		
cis-1,3-Dichloropropene	0.0190	0.0010	mg/Kg wet	0.0200		95.1	70-130	2.18	25		
trans-1,3-Dichloropropene	0.0178	0.0010	mg/Kg wet	0.0200		88.9	70-130	10.4	25		
Hexachlorobutadiene	0.0159	0.0020	mg/Kg wet	0.0200		79.5	70-160	1.87	25		
Methylene Chloride	0.0239	0.020	mg/Kg wet	0.0200		120	40-160	3.85	25	V-20	†
1,1,1,2-Tetrachloroethane	0.0197	0.0020	mg/Kg wet	0.0200		98.3	70-130	8.70	25		
1,1,2,2-Tetrachloroethane	0.0185	0.0010	mg/Kg wet	0.0200		92.7	70-130	3.81	25		
Tetrachloroethylene	0.0161	0.0020	mg/Kg wet	0.0200		80.5	70-130	11.5	25		
1,2,3-Trichlorobenzene	0.0171	0.0020	mg/Kg wet	0.0200		85.6	70-130	2.42	25		
1,2,4-Trichlorobenzene	0.0164	0.0020	mg/Kg wet	0.0200		82.2	70-130	1.57	25		
1,3,5-Trichlorobenzene	0.0166	0.0020	mg/Kg wet	0.0200		82.9	70-130	7.21	25		
1,1,1-Trichloroethane	0.0174	0.0020	mg/Kg wet	0.0200		87.0	70-130	7.52	25		
1,1,2-Trichloroethane	0.0182	0.0020	mg/Kg wet	0.0200		91.1	70-130	0.874	25		
Trichloroethylene	0.0168	0.0020	mg/Kg wet	0.0200		83.9	70-130	7.90	25		
Trichlorofluoromethane (Freon 11)	0.0189	0.010	mg/Kg wet	0.0200		94.3	70-130	12.3	25		
1,2,3-Trichloropropane	0.0187	0.0020	mg/Kg wet	0.0200		93.7	70-130	3.47	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B267026 - SW-846 5035										
LCS Dup (B267026-BSD1)				Prepared & Analyzed: 09/22/20						
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0201	0.010	mg/Kg wet	0.0200		100	70-130	9.77	25	
Vinyl Chloride	0.0192	0.010	mg/Kg wet	0.0200		96.0	40-130	10.6	25	†
Surrogate: 1,2-Dichloroethane-d4	*0.0532*		mg/Kg wet	0.0500		106	70-130			
Surrogate: Toluene-d8	*0.0491*		mg/Kg wet	0.0500		98.1	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0490*		mg/Kg wet	0.0500		98.0	70-130			
Batch B267040 - SW-846 5035										
Blank (B267040-BLK1)				Prepared & Analyzed: 09/22/20						
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							V-05
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							V-05
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							V-05
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet							V-05
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B267040 - SW-846 5035											
Blank (B267040-BLK1)				Prepared & Analyzed: 09/22/20							
Surrogate: 1,2-Dichloroethane-d4	*0.0540*		mg/Kg wet	0.0500		108	70-130				
Surrogate: Toluene-d8	*0.0497*		mg/Kg wet	0.0500		99.4	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0490*		mg/Kg wet	0.0500		98.0	70-130				
LCS (B267040-BS1)				Prepared & Analyzed: 09/22/20							
Bromochloromethane	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130				
Bromodichloromethane	0.0172	0.0020	mg/Kg wet	0.0200		86.2	70-130				
Carbon Tetrachloride	0.0187	0.0020	mg/Kg wet	0.0200		93.4	70-130				
Chlorobenzene	0.0188	0.0020	mg/Kg wet	0.0200		94.1	70-130				
Chlorodibromomethane	0.0192	0.0010	mg/Kg wet	0.0200		96.0	70-130				
Chloroethane	0.0216	0.020	mg/Kg wet	0.0200		108	70-130				
Chloroform	0.0185	0.0040	mg/Kg wet	0.0200		92.7	70-130				
Chloromethane	0.0200	0.010	mg/Kg wet	0.0200		99.9	70-130				
2-Chlorotoluene	0.0169	0.0020	mg/Kg wet	0.0200		84.4	70-130				
4-Chlorotoluene	0.0167	0.0020	mg/Kg wet	0.0200		83.5	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130				
1,2-Dichlorobenzene	0.0181	0.0020	mg/Kg wet	0.0200		90.4	70-130				
1,3-Dichlorobenzene	0.0180	0.0020	mg/Kg wet	0.0200		89.9	70-130				
1,4-Dichlorobenzene	0.0176	0.0020	mg/Kg wet	0.0200		88.1	70-130				
trans-1,4-Dichloro-2-butene	0.0190	0.0040	mg/Kg wet	0.0200		94.8	70-130				
Dichlorodifluoromethane (Freon 12)	0.0141	0.020	mg/Kg wet	0.0200		70.4	40-160			V-05	†
1,1-Dichloroethane	0.0217	0.0020	mg/Kg wet	0.0200		109	70-130				
1,2-Dichloroethane	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130				
1,1-Dichloroethylene	0.0191	0.0040	mg/Kg wet	0.0200		95.3	70-130				
cis-1,2-Dichloroethylene	0.0199	0.0020	mg/Kg wet	0.0200		99.4	70-130				
trans-1,2-Dichloroethylene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130				
1,2-Dichloropropane	0.0199	0.0020	mg/Kg wet	0.0200		99.5	70-130				
1,3-Dichloropropane	0.0190	0.0010	mg/Kg wet	0.0200		95.0	70-130				
2,2-Dichloropropane	0.0165	0.0020	mg/Kg wet	0.0200		82.5	70-130				
1,1-Dichloropropene	0.0190	0.0020	mg/Kg wet	0.0200		94.9	70-130				
cis-1,3-Dichloropropene	0.0180	0.0010	mg/Kg wet	0.0200		90.2	70-130				
trans-1,3-Dichloropropene	0.0177	0.0010	mg/Kg wet	0.0200		88.5	70-130				
Hexachlorobutadiene	0.0148	0.0020	mg/Kg wet	0.0200		73.9	70-160				
Methylene Chloride	0.0237	0.020	mg/Kg wet	0.0200		118	40-160			V-20	†
1,1,1,2-Tetrachloroethane	0.0184	0.0020	mg/Kg wet	0.0200		92.0	70-130				
1,1,2,2-Tetrachloroethane	0.0188	0.0010	mg/Kg wet	0.0200		93.8	70-130				
Tetrachloroethylene	0.0163	0.0020	mg/Kg wet	0.0200		81.5	70-130				
1,2,3-Trichlorobenzene	0.0166	0.0020	mg/Kg wet	0.0200		83.1	70-130			V-05	
1,2,4-Trichlorobenzene	0.0162	0.0020	mg/Kg wet	0.0200		80.8	70-130			V-05	
1,3,5-Trichlorobenzene	0.0157	0.0020	mg/Kg wet	0.0200		78.6	70-130			V-05	
1,1,1-Trichloroethane	0.0182	0.0020	mg/Kg wet	0.0200		91.0	70-130				
1,1,2-Trichloroethane	0.0179	0.0020	mg/Kg wet	0.0200		89.3	70-130				
Trichloroethylene	0.0171	0.0020	mg/Kg wet	0.0200		85.7	70-130				
Trichlorofluoromethane (Freon 11)	0.0193	0.010	mg/Kg wet	0.0200		96.5	70-130				
1,2,3-Trichloropropane	0.0193	0.0020	mg/Kg wet	0.0200		96.6	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0199	0.010	mg/Kg wet	0.0200		99.4	70-130				
Vinyl Chloride	0.0185	0.010	mg/Kg wet	0.0200		92.4	40-130				†
Surrogate: 1,2-Dichloroethane-d4	*0.0519*		mg/Kg wet	0.0500		104	70-130				
Surrogate: Toluene-d8	*0.0493*		mg/Kg wet	0.0500		98.6	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0486*		mg/Kg wet	0.0500		97.3	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B267040 - SW-846 5035											
LCS Dup (B267040-BSD1)				Prepared & Analyzed: 09/22/20							
Bromochloromethane	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130	5.22	25		
Bromodichloromethane	0.0173	0.0020	mg/Kg wet	0.0200		86.7	70-130	0.578	25		
Carbon Tetrachloride	0.0185	0.0020	mg/Kg wet	0.0200		92.3	70-130	1.18	25		
Chlorobenzene	0.0187	0.0020	mg/Kg wet	0.0200		93.7	70-130	0.426	25		
Chlorodibromomethane	0.0194	0.0010	mg/Kg wet	0.0200		97.2	70-130	1.24	25		
Chloroethane	0.0195	0.020	mg/Kg wet	0.0200		97.6	70-130	10.2	25		
Chloroform	0.0182	0.0040	mg/Kg wet	0.0200		90.9	70-130	1.96	25		
Chloromethane	0.0202	0.010	mg/Kg wet	0.0200		101	70-130	0.897	25		
2-Chlorotoluene	0.0164	0.0020	mg/Kg wet	0.0200		82.0	70-130	2.88	25		
4-Chlorotoluene	0.0158	0.0020	mg/Kg wet	0.0200		79.0	70-130	5.54	25		
1,2-Dibromo-3-chloropropane (DBCP)	0.0196	0.0020	mg/Kg wet	0.0200		97.9	70-130	2.22	25		
1,2-Dichlorobenzene	0.0182	0.0020	mg/Kg wet	0.0200		91.0	70-130	0.662	25		
1,3-Dichlorobenzene	0.0180	0.0020	mg/Kg wet	0.0200		89.8	70-130	0.111	25		
1,4-Dichlorobenzene	0.0175	0.0020	mg/Kg wet	0.0200		87.4	70-130	0.798	25		
trans-1,4-Dichloro-2-butene	0.0180	0.0040	mg/Kg wet	0.0200		90.2	70-130	4.97	25		
Dichlorodifluoromethane (Freon 12)	0.0147	0.020	mg/Kg wet	0.0200		73.5	40-160	4.31	25	V-05	†
1,1-Dichloroethane	0.0196	0.0020	mg/Kg wet	0.0200		97.9	70-130	10.5	25		
1,2-Dichloroethane	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130	0.499	25		
1,1-Dichloroethylene	0.0181	0.0040	mg/Kg wet	0.0200		90.5	70-130	5.17	25		
cis-1,2-Dichloroethylene	0.0191	0.0020	mg/Kg wet	0.0200		95.4	70-130	4.11	25		
trans-1,2-Dichloroethylene	0.0199	0.0020	mg/Kg wet	0.0200		99.5	70-130	1.40	25		
1,2-Dichloropropane	0.0197	0.0020	mg/Kg wet	0.0200		98.4	70-130	1.11	25		
1,3-Dichloropropane	0.0201	0.0010	mg/Kg wet	0.0200		100	70-130	5.53	25		
2,2-Dichloropropane	0.0163	0.0020	mg/Kg wet	0.0200		81.7	70-130	0.974	25		
1,1-Dichloropropene	0.0178	0.0020	mg/Kg wet	0.0200		88.9	70-130	6.53	25		
cis-1,3-Dichloropropene	0.0187	0.0010	mg/Kg wet	0.0200		93.6	70-130	3.70	25		
trans-1,3-Dichloropropene	0.0184	0.0010	mg/Kg wet	0.0200		92.0	70-130	3.88	25		
Hexachlorobutadiene	0.0146	0.0020	mg/Kg wet	0.0200		72.9	70-160	1.36	25		
Methylene Chloride	0.0235	0.020	mg/Kg wet	0.0200		117	40-160	0.848	25	V-20	†
1,1,1,2-Tetrachloroethane	0.0192	0.0020	mg/Kg wet	0.0200		96.0	70-130	4.26	25		
1,1,2,2-Tetrachloroethane	0.0180	0.0010	mg/Kg wet	0.0200		89.9	70-130	4.25	25		
Tetrachloroethylene	0.0161	0.0020	mg/Kg wet	0.0200		80.6	70-130	1.11	25		
1,2,3-Trichlorobenzene	0.0158	0.0020	mg/Kg wet	0.0200		79.1	70-130	4.93	25	V-05	
1,2,4-Trichlorobenzene	0.0145	0.0020	mg/Kg wet	0.0200		72.7	70-130	10.6	25	V-05	
1,3,5-Trichlorobenzene	0.0156	0.0020	mg/Kg wet	0.0200		77.9	70-130	0.895	25	V-05	
1,1,1-Trichloroethane	0.0169	0.0020	mg/Kg wet	0.0200		84.7	70-130	7.17	25		
1,1,2-Trichloroethane	0.0171	0.0020	mg/Kg wet	0.0200		85.4	70-130	4.46	25		
Trichloroethylene	0.0166	0.0020	mg/Kg wet	0.0200		83.1	70-130	3.08	25		
Trichlorofluoromethane (Freon 11)	0.0173	0.010	mg/Kg wet	0.0200		86.6	70-130	10.8	25		
1,2,3-Trichloropropane	0.0199	0.0020	mg/Kg wet	0.0200		99.6	70-130	3.06	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0184	0.010	mg/Kg wet	0.0200		92.0	70-130	7.73	25		
Vinyl Chloride	0.0177	0.010	mg/Kg wet	0.0200		88.7	40-130	4.09	25		†
Surrogate: 1,2-Dichloroethane-d4	*0.0532*		mg/Kg wet	0.0500		106	70-130				
Surrogate: Toluene-d8	*0.0486*		mg/Kg wet	0.0500		97.2	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0496*		mg/Kg wet	0.0500		99.2	70-130				

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
RL-13	Elevated reporting limit due to high concentration of non-target compounds.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
V-34	Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C-D in Soil	
Bromochloromethane	NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
1,2-Dibromo-3-chloropropane (DBCP)	NY
1,2-Dibromo-3-chloropropane (DBCP)	NY
1,2-Dibromo-3-chloropropane (DBCP)	NY
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
trans-1,4-Dichloro-2-butene	NY
Dichlorodifluoromethane (Freon 12)	NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C-D in Soil	
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
Methylene Chloride	CT,NH,NY,ME,VA
Methylene Chloride	CT,NH,NY,ME,VA
Methylene Chloride	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
Tetrachloroethylene	NY,ME,VA
Tetrachloroethylene	NY,ME,VA
Tetrachloroethylene	NY,ME,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C-D in Soil	
1,2,3-Trichlorobenzene	ME
1,2,3-Trichlorobenzene	NY
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2022
MA	Massachusetts DEP	M-MA100	06/30/2021
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2021
NY	New York State Department of Health	10899 NELAP	04/1/2021
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2021
RI	Rhode Island Department of Health	LAO00112	12/30/2020
NC	North Carolina Div. of Water Quality	652	12/31/2020
NJ	New Jersey DEP	MA007 NELAP	06/30/2021
FL	Florida Department of Health	E871027 NELAP	06/30/2021
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2021
ME	State of Maine	2011028	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2020
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2021
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2021
NC-DW	North Carolina Department of Health	25703	07/31/2021
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2021
MI	Dept. of Env, Great Lakes, and Energy	9100	10/1/2020

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con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Company Name: HRP ASSOCIATES
Address: 251 Roosevelt Dr 2nd fl Derby CT
Phone: 203 380 1395
Project Name: Whitecraft
Project Location: 8213 Harris Rd Whitesboro NY
Project Number: WHITE23W.P2
Project Manager: Brian Lowry
Con-Test Quote Name/Number:
Invoice Recipient:
Sampled By: LAB

Requested Turnaround Time
7-Day ☐ 10-Day ☐
PFAS 10-Day (std) ☐ Due Date: 5.24

Rush Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

Data Delivery
Format: PDF ☒ EXCEL ☒
Other: HRP EDD
CLP Like Data Pkg Required: ☐
Email To: Brian.Lowry@HRPASSOCIATES.COM
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1] Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	Concentrated TPH (Hold)	
1	EXT-NW-1 (1-3)	9/16/20	2:30	Grab	S	L	3					X	
2	EXT-NW-2 (1-3)		2:30				3					X	
3	EXT-NW-2 (5-7)		2:50				3	1				X	(2)
4	EXT-NW-3 (1-3)		3:00				3					X	
5	GW-1 (0-2)		4:00				3	X LAB				X	LAB
6	MW-6R (2-4)		4:30				3	1				X	(3)
7	MW-15R (8-10)		5:00				3	1				X	(4)
8	MW-15R (10-11.5)		5:15				3	1				X	
9	EXT-NE-3 (2-4)	9/17/20	8:55				3					X	
10	EXT-W-1 (2-4)		9:15				3					X	

[2] Preservation Code
Collected by: SOB

Total Number Of:
VIALS 30
GLASS 4
PLASTIC
BACTERIA
ENCORE

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N
*Contest is not responsible for missing samples from prepacked coolers

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Relinquished by: (signature)	Date/Time:
Brian Lowry	9/21/20 1044
Received by: (signature)	Date/Time:
Brian Lowry	9/21/20 1044
Relinquished by: (signature)	Date/Time:
Brian Lowry	9/21/20 2:00
Received by: (signature)	Date/Time:
Emily Im 33	9/21/20 2000
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Client Comments:
*Please hold all TPH Samples
2 oz jars are for % Solids

Detection Limit Requirements
MA
CT
Other: NYGA

Special Requirements
MA MCP Required ☐
MCP Certification Form Required ☐
CT RCP Required ☐
RCP Certification Form Required ☐
MA State DW Required ☐
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ 21 J ☐ School ☐
City ☐ Brownfield ☐ MBTA ☐

Other
Chromatogram ☐
AIHA-LAP,LLC ☐

PCB ONLY
Soxhlet ☐
Non Soxhlet ☐

Comments:

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con Test values your partnership on each project and will try to assist with missing information, but will not b held accountable.

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con-test ANALYTICAL LABORATORY

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Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Page 2 of 4

Company Name:	HRP Associates
Address:	251 Roosevelt Dr 2nd fl Derby CT
Phone:	
Project Name:	Whitcraft
Project Location:	8273 Halsey Rd Whitesboro NY
Project Number:	Whitesale.fa
Project Manager:	Brian Lowry
Con-Test Quote Name/Number:	
Invoice Recipient:	
Sampled By:	LAB

Requested Turnaround Time
7-Day ☐ 10-Day ☐
PFAS 10-Day (std) ☐ Due Date: 5 day

Rush Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

Data Delivery
Format: PDF ☒ EXCEL ☒
Other: HRP EDD
CLP Like Data Pkg Required: ☐
Email To: Brian.Lowry@HRPAssociates.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1]Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	Chlorinated VOCs 524.2 (HCL)	TPH (HCL)										
11	EXT-W-2 (1-3)	9/1/20	9:55	Grab	S	U	3	1				X	X	BA									
12	FB-1 (3-5)		10:00				3	1				X	X										
13	FB-2 (1-3)		10:40				3	1				X	X										
14	FB-2 (8-10)		10:35				3	1				X	X										
15	FB-3 (2-4)		10:55				3					X											
16	FB-4 (1-3)		11:05				3					X											
17	EXT-SW-1 (2-4)		11:20				3	1				X	X										
18	EXT-SW-2 (1-3)		11:35				3	1				X	X										
19	EXT-SW-3 (1-3)		11:45				3					X											
20	EXT-SW-4 (2-4)		12:50				3					X											

Relinquished by: (signature)	Date/Time:	Client Comments:
Received by: (signature)	Date/Time:	
Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time:	
Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time:	
Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time:	

Detection Limit Requirements
MA
CT
Other: NY GA

Special Requirements
☐ MA MCP Required
MCP Certification Form Required
☐ CT RCP Required
RCP Certification Form Required
☐ MA State DW Required
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ 21 J ☐ School ☐
City ☐ Brownfield ☐ MBTA ☐

Other
☐ Chromatogram
☐ *AIHA-LAP,LLC*

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

[2] Preservation Code

Courier Use Only

Total Number Of:
VIALS 30
GLASS 6
PLASTIC
BACTERIA
ENCORE

Glassware in the fridge? Y / N

Glassware in freezer? Y / N

Prepackaged Cooler? Y / N

*Contest is not responsible for missing samples from prepacked coolers

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Comments:

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con-Test values your partnership on each project and will try to assist with missing information, but will not be held accountable.

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I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client HRP

Received By CR Date 9/21/20 Time 2000

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____

Direct from Sampling _____ Ambient _____ Melted Ice _____

By Gun # 4 Actual Temp - 3.3

Were samples within Temperature? 2-6°C T By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? NA Were Samples Tampered with? NA

Was COC Relinquished ? T Does Chain Agree With Samples? T

Are there broken/leaking/loose caps on any samples? F

Is COC in ink/ Legible? T Were samples received within holding time? T

Did COC include all pertinent Information? Client T Analysis T Sampler Name T

Project T ID's T Collection Dates/Times T

Are Sample labels filled out and legible? T

Are there Lab to Filters? F Who was notified? _____

Are there Rushes? F Who was notified? _____

Are there Short Holds? F Who was notified? _____

Is there enough Volume? T

Is there Headspace where applicable? T MS/MSD? F

Proper Media/Containers Used? T Is splitting samples required? F

Were trip blanks received? F On COC? F

Do all samples have the proper pH? NA Acid _____ Base _____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	7/3
Meoh-	20	250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-	40	Flashpoint		Col./Bacteria		2oz Amb/Clear	20
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

Recieved 4 extra vials with ID HRP-BR-1-AP not listed on COC

con-test® ANALYTICAL LABORATORY
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September 28, 2020

Brian Lowry
HRP Associates, Inc. (Private)
197 Scott Swamp Road
Farmington, CT 06032

Project Location: 8273 Halsey Rd., Whitesboro, NY
Client Job Number:
Project Number: WHI6526.P2
Laboratory Work Order Number: 20I1075

Enclosed are results of analyses for samples received by the laboratory on September 21, 2020. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kerry K. McGee
Project Manager

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

HRP Associates, Inc. (Private)
197 Scott Swamp Road
Farmington, CT 06032
ATTN: Brian Lowry

REPORT DATE: 9/28/2020

PURCHASE ORDER NUMBER:

PROJECT NUMBER: WHI6526.P2

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 20I1075

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 8273 Halsey Rd., Whitesboro, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
EXT-SW-5 (1-3)	20I1075-01	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-SW-5 (8-10)	20I1075-02	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-SW-6 (3-5)	20I1075-03	Soil		SM 2540G	
				SW-846 8260C-D	
FDS-1 (1-3)	20I1075-04	Soil		SM 2540G	
				SW-846 8260C-D	
FDS-2 (2-4)	20I1075-05	Soil		SM 2540G	
				SW-846 8260C-D	
FDS-3 (1-3)	20I1075-06	Soil		SM 2540G	
				SW-846 8260C-D	
FDS-4 (2-4)	20I1075-07	Soil		SM 2540G	
				SW-846 8260C-D	
FDS-5 (1-3)	20I1075-08	Soil		SM 2540G	
				SW-846 8260C-D	
FDS-6 (2-4)	20I1075-09	Soil		SM 2540G	
				SW-846 8260C-D	
FDS-6-DUP (2-4)	20I1075-10	Soil		SM 2540G	
				SW-846 8260C-D	
FDS-7 (1-3)	20I1075-11	Soil		SM 2540G	
				SW-846 8260C-D	
FDS-8 (2-4)	20I1075-12	Soil		SM 2540G	
				SW-846 8260C-D	
FDS-8 (6-8)	20I1075-13	Soil		SM 2540G	
				SW-846 8260C-D	
FDS-9 (1-3)	20I1075-14	Soil		SM 2540G	
				SW-846 8260C-D	
Trip Blank	20I1075-15	Trip Blank Soil		SW-846 8260C-D	

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CASE NARRATIVE SUMMARY

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

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SW-846 8260C-D

Qualifications:

L-04

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

trans-1,4-Dichloro-2-butene

20I1075-03[EXT-SW-6 (3-5)], B266979-BLK1, B266979-BS1, B266979-BSD1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

20I1075-03[EXT-SW-6 (3-5)]

V-05

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

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene

20I1075-06[FDS-3 (1-3)], 20I1075-07[FDS-4 (2-4)], 20I1075-08[FDS-5 (1-3)], 20I1075-09[FDS-6 (2-4)], 20I1075-10[FDS-6- DUP (2-4)], 20I1075-11[FDS-7 (1-3)], 20I1075-12[FDS-8 (2-4)], 20I1075-13[FDS-8 (6-8)], 20I1075-14[FDS-9 (1-3)], 20I1075-15[Trip Blank], B267040-BLK1, B267040-BS1, B267040-BSD1, S052658-CCV1

1,2,4-Trichlorobenzene

20I1075-06[FDS-3 (1-3)], 20I1075-07[FDS-4 (2-4)], 20I1075-08[FDS-5 (1-3)], 20I1075-09[FDS-6 (2-4)], 20I1075-10[FDS-6- DUP (2-4)], 20I1075-11[FDS-7 (1-3)], 20I1075-12[FDS-8 (2-4)], 20I1075-13[FDS-8 (6-8)], 20I1075-14[FDS-9 (1-3)], 20I1075-15[Trip Blank], B267040-BLK1, B267040-BS1, B267040-BSD1, S052658-CCV1

1,3,5-Trichlorobenzene

20I1075-06[FDS-3 (1-3)], 20I1075-07[FDS-4 (2-4)], 20I1075-08[FDS-5 (1-3)], 20I1075-09[FDS-6 (2-4)], 20I1075-10[FDS-6- DUP (2-4)], 20I1075-11[FDS-7 (1-3)], 20I1075-12[FDS-8 (2-4)], 20I1075-13[FDS-8 (6-8)], 20I1075-14[FDS-9 (1-3)], 20I1075-15[Trip Blank], B267040-BLK1, B267040-BS1, B267040-BSD1, S052658-CCV1

Chloromethane

20I1075-03[EXT-SW-6 (3-5)], B266979-BLK1, B266979-BS1, B266979-BSD1, S052668-CCV1

Dichlorodifluoromethane (Freon 12

20I1075-01[EXT-SW-5 (1-3)], 20I1075-02[EXT-SW-5 (8-10)], 20I1075-05[FDS-2 (2-4)], 20I1075-06[FDS-3 (1-3)], 20I1075-07[FDS-4 (2-4)], 20I1075-08[FDS-5 (1-3)], 20I1075-09[FDS-6 (2-4)], 20I1075-10[FDS-6-DUP (2-4)], 20I1075-11[FDS-7 (1-3)], 20I1075-12[FDS-8 (2-4)], 20I1075-13[FDS-8 (6-8)], 20I1075-14[FDS-9 (1-3)], 20I1075-15[Trip Blank], B267026-BLK1, B267026-BS1, B267026-BSD1, B267040-BLK1, B267040-BS1, B267040-BSD1, S052656-CCV1, S052658-CCV1

trans-1,3-Dichloropropene

20I1075-03[EXT-SW-6 (3-5)], B266979-BLK1, B266979-BS1, B266979-BSD1, S052668-CCV1

trans-1,4-Dichloro-2-butene

20I1075-03[EXT-SW-6 (3-5)], B266979-BLK1, B266979-BS1, B266979-BSD1, S052668-CCV1

V-20

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

Analyte & Samples(s) Qualified:

Bromochloromethane

B267026-BS1, B267026-BSD1, S052656-CCV1

Methylene Chloride

B267026-BS1, B267026-BSD1, B267040-BS1, B267040-BSD1, S052656-CCV1, S052658-CCV1

V-34

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

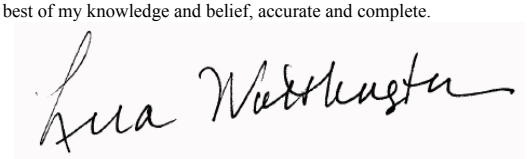
Analyte & Samples(s) Qualified:

Chloromethane

20I1075-03[EXT-SW-6 (3-5)], B266979-BLK1, B266979-BS1, B266979-BSD1, S052668-CCV1

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

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



Lisa A. Worthington
Technical Representative

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: EXT-SW-5 (1-3) Sampled: 9/17/2020 13:10

Sample ID: 20I1075-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
Bromodichloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
Carbon Tetrachloride	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
Chlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
Chlorodibromomethane	ND	0.00092	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
Chloroethane	ND	0.018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
Chloroform	ND	0.0037	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
Chloromethane	ND	0.0092	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
2-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
4-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
1,2-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
1,3-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
1,4-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
trans-1,4-Dichloro-2-butene	ND	0.0037	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.018	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
1,1-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
1,2-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
1,1-Dichloroethylene	ND	0.0037	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
cis-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
trans-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
1,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
1,3-Dichloropropane	ND	0.00092	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
2,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
1,1-Dichloropropene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
cis-1,3-Dichloropropene	ND	0.00092	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
trans-1,3-Dichloropropene	ND	0.00092	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
Hexachlorobutadiene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
Methylene Chloride	ND	0.018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
1,1,1,2-Tetrachloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
1,1,2,2-Tetrachloroethane	ND	0.00092	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
Tetrachloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
1,2,3-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
1,2,4-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
1,3,5-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
1,1,1-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
1,1,2-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
Trichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0092	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
1,2,3-Trichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0092	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF
Vinyl Chloride	ND	0.0092	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 14:33	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: EXT-SW-5 (1-3) Sampled: 9/17/2020 13:10

Sample ID: 20I1075-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		117	70-130					9/22/20 14:33	
Toluene-d8		98.3	70-130					9/22/20 14:33	
4-Bromofluorobenzene		98.3	70-130					9/22/20 14:33	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: EXT-SW-5 (1-3) Sampled: 9/17/2020 13:10

Sample ID: 20I1075-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.9		% Wt	1		SM 2540G	9/23/20	9/24/20 7:52	CJT

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: EXT-SW-5 (8-10) Sampled: 9/17/2020 13:35

Sample ID: 20I1075-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
Bromodichloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
Carbon Tetrachloride	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
Chlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
Chlorodibromomethane	ND	0.00094	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
Chloroethane	ND	0.019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
Chloroform	ND	0.0038	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
Chloromethane	ND	0.0094	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
2-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
4-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
1,2-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
1,3-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
1,4-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
trans-1,4-Dichloro-2-butene	ND	0.0038	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.019	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
1,1-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
1,2-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
1,1-Dichloroethylene	0.014	0.0038	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
cis-1,2-Dichloroethylene	68	2.0	mg/Kg dry	40		SW-846 8260C-D	9/22/20	9/23/20 16:26	EEH
trans-1,2-Dichloroethylene	0.0091	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
1,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
1,3-Dichloropropane	ND	0.00094	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
2,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
1,1-Dichloropropene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
cis-1,3-Dichloropropene	ND	0.00094	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
trans-1,3-Dichloropropene	ND	0.00094	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
Hexachlorobutadiene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
Methylene Chloride	ND	0.019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
1,1,1,2-Tetrachloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
1,1,2,2-Tetrachloroethane	ND	0.00094	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
Tetrachloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
1,2,3-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
1,2,4-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
1,3,5-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
1,1,1-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
1,1,2-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
Trichloroethylene	82	2.0	mg/Kg dry	40		SW-846 8260C-D	9/22/20	9/23/20 16:26	EEH
Trichlorofluoromethane (Freon 11)	ND	0.0094	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
1,2,3-Trichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0094	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF
Vinyl Chloride	0.11	0.0094	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:00	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: EXT-SW-5 (8-10) Sampled: 9/17/2020 13:35

Sample ID: 20I1075-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		93.6	70-130					9/23/20 16:26	
1,2-Dichloroethane-d4		122	70-130					9/22/20 15:00	
Toluene-d8		100	70-130					9/23/20 16:26	
Toluene-d8		97.7	70-130					9/22/20 15:00	
4-Bromofluorobenzene		98.6	70-130					9/23/20 16:26	
4-Bromofluorobenzene		99.2	70-130					9/22/20 15:00	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: EXT-SW-5 (8-10) Sampled: 9/17/2020 13:35

Sample ID: 20I1075-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.0		% Wt	1		SM 2540G	9/23/20	9/24/20 7:53	CJT

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: EXT-SW-6 (3-5) Sampled: 9/17/2020 13:30

Sample ID: 20I1075-03

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.20	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
Bromodichloromethane	ND	0.20	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
Carbon Tetrachloride	ND	0.20	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
Chlorobenzene	ND	0.20	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
Chlorodibromomethane	ND	0.098	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
Chloroethane	ND	0.39	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
Chloroform	ND	0.39	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
Chloromethane	ND	0.39	mg/Kg dry	4	V-05, V-34	SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
2-Chlorotoluene	ND	0.20	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
4-Chlorotoluene	ND	0.20	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.98	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
1,2-Dichlorobenzene	ND	0.20	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
1,3-Dichlorobenzene	ND	0.20	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
1,4-Dichlorobenzene	ND	0.20	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
trans-1,4-Dichloro-2-butene	ND	0.39	mg/Kg dry	4	L-04, V-05	SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.39	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
1,1-Dichloroethane	ND	0.20	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
1,2-Dichloroethane	ND	0.20	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
1,1-Dichloroethylene	ND	0.20	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
cis-1,2-Dichloroethylene	0.73	0.20	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
trans-1,2-Dichloroethylene	ND	0.20	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
1,2-Dichloropropane	ND	0.20	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
1,3-Dichloropropane	ND	0.098	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
2,2-Dichloropropane	ND	0.20	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
1,1-Dichloropropene	ND	0.39	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
cis-1,3-Dichloropropene	ND	0.098	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
trans-1,3-Dichloropropene	ND	0.098	mg/Kg dry	4	V-05	SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
Hexachlorobutadiene	ND	0.20	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
Methylene Chloride	ND	0.98	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
1,1,1,2-Tetrachloroethane	ND	0.20	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
1,1,2,2-Tetrachloroethane	ND	0.098	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
Tetrachloroethylene	ND	0.20	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
1,2,3-Trichlorobenzene	ND	0.98	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
1,2,4-Trichlorobenzene	ND	0.20	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
1,3,5-Trichlorobenzene	ND	0.20	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
1,1,1-Trichloroethane	ND	0.20	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
1,1,2-Trichloroethane	ND	0.20	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
Trichloroethylene	9.8	0.20	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
Trichlorofluoromethane (Freon 11)	ND	0.39	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
1,2,3-Trichloropropane	ND	0.39	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.20	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH
Vinyl Chloride	ND	0.39	mg/Kg dry	4		SW-846 8260C-D	9/22/20	9/22/20 19:05	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: EXT-SW-6 (3-5) Sampled: 9/17/2020 13:30

Sample ID: 20I1075-03

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		79.6	70-130					9/22/20 19:05	
Toluene-d8		95.1	70-130					9/22/20 19:05	
4-Bromofluorobenzene		103	70-130					9/22/20 19:05	

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Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: EXT-SW-6 (3-5) Sampled: 9/17/2020 13:30

Sample ID: 20I1075-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.0		% Wt	1		SM 2540G	9/23/20	9/24/20 7:53	CJT

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Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-1 (1-3) Sampled: 9/17/2020 14:05

Sample ID: 20I1075-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
Bromodichloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
Carbon Tetrachloride	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
Chlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
Chloroethane	ND	0.021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
Chloroform	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
2-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
4-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
1,2-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
1,3-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
1,4-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
trans-1,4-Dichloro-2-butene	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
1,1-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
1,2-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
1,1-Dichloroethylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
cis-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
trans-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
1,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
2,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
1,1-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
Methylene Chloride	ND	0.021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
Tetrachloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
1,2,3-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
1,2,4-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
1,3,5-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
1,1,1-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
1,1,2-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
Trichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
1,2,3-Trichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/23/20 6:31	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-1 (1-3) Sampled: 9/17/2020 14:05

Sample ID: 20I1075-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		112	70-130					9/23/20 6:31	
Toluene-d8		97.9	70-130					9/23/20 6:31	
4-Bromofluorobenzene		102	70-130					9/23/20 6:31	

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Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-1 (1-3) Sampled: 9/17/2020 14:05

Sample ID: 20I1075-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.5		% Wt	1		SM 2540G	9/23/20	9/24/20 7:53	CJT

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

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-2 (2-4) Sampled: 9/17/2020 14:20

Sample ID: 20I1075-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
Bromodichloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
Carbon Tetrachloride	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
Chlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
Chlorodibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
Chloroethane	ND	0.024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
Chloroform	ND	0.0048	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
Chloromethane	ND	0.012	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
2-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
4-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
1,2-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
1,3-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
1,4-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
trans-1,4-Dichloro-2-butene	ND	0.0048	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
1,1-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
1,2-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
1,1-Dichloroethylene	ND	0.0048	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
cis-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
trans-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
1,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
2,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
1,1-Dichloropropene	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
Hexachlorobutadiene	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
Methylene Chloride	ND	0.024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
Tetrachloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
1,2,3-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
1,2,4-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
1,3,5-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
1,1,1-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
1,1,2-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
Trichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
1,2,3-Trichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 15:55	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-2 (2-4) Sampled: 9/17/2020 14:20

Sample ID: 20I1075-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		108	70-130					9/22/20 15:55	
Toluene-d8		99.4	70-130					9/22/20 15:55	
4-Bromofluorobenzene		99.9	70-130					9/22/20 15:55	

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Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-2 (2-4) Sampled: 9/17/2020 14:20

Sample ID: 20I1075-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.1		% Wt	1		SM 2540G	9/23/20	9/24/20 7:53	CJT

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Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-3 (1-3) Sampled: 9/17/2020 14:25

Sample ID: 20I1075-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
Bromodichloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
Carbon Tetrachloride	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
Chlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
Chlorodibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
Chloroethane	ND	0.024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
Chloroform	ND	0.0049	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
Chloromethane	ND	0.012	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
2-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
4-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
1,2-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
1,3-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
1,4-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
trans-1,4-Dichloro-2-butene	ND	0.0049	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
1,1-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
1,2-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
1,1-Dichloroethylene	ND	0.0049	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
cis-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
trans-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
1,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
2,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
1,1-Dichloropropene	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
Hexachlorobutadiene	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
Methylene Chloride	ND	0.024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
Tetrachloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
1,2,3-Trichlorobenzene	ND	0.0024	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
1,2,4-Trichlorobenzene	ND	0.0024	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
1,3,5-Trichlorobenzene	ND	0.0024	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
1,1,1-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
1,1,2-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
Trichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
1,2,3-Trichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:00	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-3 (1-3) Sampled: 9/17/2020 14:25

Sample ID: 20I1075-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		113	70-130					9/22/20 20:00	
Toluene-d8		98.6	70-130					9/22/20 20:00	
4-Bromofluorobenzene		100	70-130					9/22/20 20:00	

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

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-3 (1-3) Sampled: 9/17/2020 14:25

Sample ID: 20I1075-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.7		% Wt	1		SM 2540G	9/23/20	9/24/20 7:53	CJT

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-4 (2-4) Sampled: 9/17/2020 14:40

Sample ID: 20I1075-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
Bromodichloromethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
Carbon Tetrachloride	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
Chlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
Chlorodibromomethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
Chloroethane	ND	0.026	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
Chloroform	ND	0.0053	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
Chloromethane	ND	0.013	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
2-Chlorotoluene	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
4-Chlorotoluene	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
1,2-Dichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
1,3-Dichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
1,4-Dichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
trans-1,4-Dichloro-2-butene	ND	0.0053	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.026	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
1,1-Dichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
1,2-Dichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
1,1-Dichloroethylene	ND	0.0053	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
cis-1,2-Dichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
trans-1,2-Dichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
1,2-Dichloropropane	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
1,3-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
2,2-Dichloropropane	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
1,1-Dichloropropene	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
cis-1,3-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
trans-1,3-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
Hexachlorobutadiene	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
Methylene Chloride	ND	0.026	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
1,1,1,2-Tetrachloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
1,1,2,2-Tetrachloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
Tetrachloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
1,2,3-Trichlorobenzene	ND	0.0026	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
1,2,4-Trichlorobenzene	ND	0.0026	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
1,3,5-Trichlorobenzene	ND	0.0026	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
1,1,1-Trichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
1,1,2-Trichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
Trichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
Trichlorofluoromethane (Freon 11)	ND	0.013	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
1,2,3-Trichloropropane	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.013	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF
Vinyl Chloride	ND	0.013	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:28	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-4 (2-4) Sampled: 9/17/2020 14:40

Sample ID: 20I1075-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		112	70-130					9/22/20 20:28	
Toluene-d8		98.5	70-130					9/22/20 20:28	
4-Bromofluorobenzene		99.7	70-130					9/22/20 20:28	

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

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-4 (2-4) Sampled: 9/17/2020 14:40

Sample ID: 20I1075-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.6		% Wt	1		SM 2540G	9/23/20	9/24/20 7:53	CJT

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-5 (1-3) Sampled: 9/17/2020 14:50

Sample ID: 20I1075-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
Bromodichloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
Carbon Tetrachloride	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
Chlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
Chlorodibromomethane	ND	0.00091	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
Chloroethane	ND	0.018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
Chloroform	ND	0.0037	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
Chloromethane	ND	0.0091	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
2-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
4-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
1,2-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
1,3-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
1,4-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
trans-1,4-Dichloro-2-butene	ND	0.0037	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.018	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
1,1-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
1,2-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
1,1-Dichloroethylene	ND	0.0037	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
cis-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
trans-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
1,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
1,3-Dichloropropane	ND	0.00091	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
2,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
1,1-Dichloropropene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
cis-1,3-Dichloropropene	ND	0.00091	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
trans-1,3-Dichloropropene	ND	0.00091	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
Hexachlorobutadiene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
Methylene Chloride	ND	0.018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
1,1,1,2-Tetrachloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
1,1,2,2-Tetrachloroethane	ND	0.00091	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
Tetrachloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
1,2,3-Trichlorobenzene	ND	0.0018	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
1,2,4-Trichlorobenzene	ND	0.0018	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
1,3,5-Trichlorobenzene	ND	0.0018	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
1,1,1-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
1,1,2-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
Trichloroethylene	0.0038	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0091	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
1,2,3-Trichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0091	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF
Vinyl Chloride	ND	0.0091	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 20:55	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-5 (1-3) Sampled: 9/17/2020 14:50

Sample ID: 20I1075-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		114	70-130					9/22/20 20:55	
Toluene-d8		98.2	70-130					9/22/20 20:55	
4-Bromofluorobenzene		98.4	70-130					9/22/20 20:55	

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

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-5 (1-3) Sampled: 9/17/2020 14:50

Sample ID: 20I1075-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.5		% Wt	1		SM 2540G	9/23/20	9/24/20 7:54	CJT

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-6 (2-4) Sampled: 9/17/2020 15:20

Sample ID: 20I1075-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
Bromodichloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
Carbon Tetrachloride	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
Chlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
Chlorodibromomethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
Chloroethane	ND	0.021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
Chloroform	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
Chloromethane	ND	0.010	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
2-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
4-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
1,2-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
1,3-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
1,4-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
trans-1,4-Dichloro-2-butene	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
1,1-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
1,2-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
1,1-Dichloroethylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
cis-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
trans-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
1,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
2,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
1,1-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
Methylene Chloride	ND	0.021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
Tetrachloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
1,2,3-Trichlorobenzene	ND	0.0021	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
1,2,4-Trichlorobenzene	ND	0.0021	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
1,3,5-Trichlorobenzene	ND	0.0021	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
1,1,1-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
1,1,2-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
Trichloroethylene	0.0077	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
1,2,3-Trichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF
Vinyl Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:23	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-6 (2-4) Sampled: 9/17/2020 15:20

Sample ID: 20I1075-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		113	70-130					9/22/20 21:23	
Toluene-d8		98.2	70-130					9/22/20 21:23	
4-Bromofluorobenzene		97.3	70-130					9/22/20 21:23	

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

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-6 (2-4) Sampled: 9/17/2020 15:20

Sample ID: 20I1075-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.1		% Wt	1		SM 2540G	9/23/20	9/24/20 7:54	CJT

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-6-DUP (2-4) Sampled: 9/17/2020 15:20

Sample ID: 20I1075-10

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
Bromodichloromethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
Carbon Tetrachloride	ND	0.0014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
Chlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
Chlorodibromomethane	ND	0.00069	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
Chloroethane	ND	0.014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
Chloroform	ND	0.0028	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
Chloromethane	ND	0.0069	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
2-Chlorotoluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
4-Chlorotoluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
1,2-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
1,3-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
1,4-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
trans-1,4-Dichloro-2-butene	ND	0.0028	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.014	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
1,1-Dichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
1,2-Dichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
1,1-Dichloroethylene	ND	0.0028	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
cis-1,2-Dichloroethylene	0.0015	0.0014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
trans-1,2-Dichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
1,2-Dichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
1,3-Dichloropropane	ND	0.00069	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
2,2-Dichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
1,1-Dichloropropene	ND	0.0014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
cis-1,3-Dichloropropene	ND	0.00069	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
trans-1,3-Dichloropropene	ND	0.00069	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
Hexachlorobutadiene	ND	0.0014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
Methylene Chloride	ND	0.014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
1,1,1,2-Tetrachloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
1,1,2,2-Tetrachloroethane	ND	0.00069	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
Tetrachloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
1,2,3-Trichlorobenzene	ND	0.0014	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
1,2,4-Trichlorobenzene	ND	0.0014	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
1,3,5-Trichlorobenzene	ND	0.0014	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
1,1,1-Trichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
1,1,2-Trichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
Trichloroethylene	0.0072	0.0014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0069	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
1,2,3-Trichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0069	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF
Vinyl Chloride	ND	0.0069	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 21:50	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-6-DUP (2-4) Sampled: 9/17/2020 15:20

Sample ID: 20I1075-10

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		110	70-130					9/22/20 21:50	
Toluene-d8		99.4	70-130					9/22/20 21:50	
4-Bromofluorobenzene		101	70-130					9/22/20 21:50	

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

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-6-DUP (2-4) Sampled: 9/17/2020 15:20

Sample ID: 20I1075-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.7		% Wt	1		SM 2540G	9/23/20	9/24/20 7:54	CJT

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-7 (1-3) Sampled: 9/17/2020 15:35

Sample ID: 20I1075-11

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
Bromodichloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
Carbon Tetrachloride	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
Chlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
Chlorodibromomethane	ND	0.00076	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
Chloroethane	ND	0.015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
Chloroform	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
Chloromethane	ND	0.0076	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
2-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
4-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
1,2-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
1,3-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
1,4-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
trans-1,4-Dichloro-2-butene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.015	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
1,1-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
1,2-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
1,1-Dichloroethylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
cis-1,2-Dichloroethylene	0.0019	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
trans-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
1,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
1,3-Dichloropropane	ND	0.00076	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
2,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
1,1-Dichloropropene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
cis-1,3-Dichloropropene	ND	0.00076	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
trans-1,3-Dichloropropene	ND	0.00076	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
Hexachlorobutadiene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
Methylene Chloride	ND	0.015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
1,1,1,2-Tetrachloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
1,1,2,2-Tetrachloroethane	ND	0.00076	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
Tetrachloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
1,2,3-Trichlorobenzene	ND	0.0015	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
1,2,4-Trichlorobenzene	ND	0.0015	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
1,3,5-Trichlorobenzene	ND	0.0015	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
1,1,1-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
1,1,2-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
Trichloroethylene	0.017	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0076	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
1,2,3-Trichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0076	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF
Vinyl Chloride	ND	0.0076	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:17	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-7 (1-3) Sampled: 9/17/2020 15:35

Sample ID: 20I1075-11

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		114	70-130					9/22/20 22:17	
Toluene-d8		98.2	70-130					9/22/20 22:17	
4-Bromofluorobenzene		99.4	70-130					9/22/20 22:17	

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

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-7 (1-3) Sampled: 9/17/2020 15:35

Sample ID: 20I1075-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.4		% Wt	1		SM 2540G	9/23/20	9/24/20 7:54	CJT

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-8 (2-4) Sampled: 9/17/2020 15:45

Sample ID: 20I1075-12

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
Bromodichloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
Carbon Tetrachloride	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
Chlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
Chlorodibromomethane	ND	0.00093	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
Chloroethane	ND	0.019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
Chloroform	ND	0.0037	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
Chloromethane	ND	0.0093	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
2-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
4-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
1,2-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
1,3-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
1,4-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
trans-1,4-Dichloro-2-butene	ND	0.0037	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.019	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
1,1-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
1,2-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
1,1-Dichloroethylene	ND	0.0037	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
cis-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
trans-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
1,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
1,3-Dichloropropane	ND	0.00093	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
2,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
1,1-Dichloropropene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
cis-1,3-Dichloropropene	ND	0.00093	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
trans-1,3-Dichloropropene	ND	0.00093	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
Hexachlorobutadiene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
Methylene Chloride	ND	0.019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
1,1,1,2-Tetrachloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
1,1,2,2-Tetrachloroethane	ND	0.00093	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
Tetrachloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
1,2,3-Trichlorobenzene	ND	0.0019	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
1,2,4-Trichlorobenzene	ND	0.0019	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
1,3,5-Trichlorobenzene	ND	0.0019	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
1,1,1-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
1,1,2-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
Trichloroethylene	0.014	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0093	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
1,2,3-Trichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0093	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF
Vinyl Chloride	ND	0.0093	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 22:45	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-8 (2-4) Sampled: 9/17/2020 15:45

Sample ID: 20I1075-12

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		110	70-130					9/22/20 22:45	
Toluene-d8		98.6	70-130					9/22/20 22:45	
4-Bromofluorobenzene		99.7	70-130					9/22/20 22:45	

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Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-8 (2-4) Sampled: 9/17/2020 15:45

Sample ID: 20I1075-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.7		% Wt	1		SM 2540G	9/23/20	9/24/20 7:54	CJT

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

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-8 (6-8) Sampled: 9/17/2020 15:50

Sample ID: 20I1075-13

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
Bromodichloromethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
Carbon Tetrachloride	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
Chlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
Chlorodibromomethane	ND	0.00079	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
Chloroethane	ND	0.016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
Chloroform	ND	0.0032	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
Chloromethane	ND	0.0079	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
2-Chlorotoluene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
4-Chlorotoluene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
1,2-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
1,3-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
1,4-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
trans-1,4-Dichloro-2-butene	ND	0.0032	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.016	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
1,1-Dichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
1,2-Dichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
1,1-Dichloroethylene	ND	0.0032	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
cis-1,2-Dichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
trans-1,2-Dichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
1,2-Dichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
1,3-Dichloropropane	ND	0.00079	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
2,2-Dichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
1,1-Dichloropropene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
cis-1,3-Dichloropropene	ND	0.00079	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
trans-1,3-Dichloropropene	ND	0.00079	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
Hexachlorobutadiene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
Methylene Chloride	ND	0.016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
1,1,1,2-Tetrachloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
1,1,2,2-Tetrachloroethane	ND	0.00079	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
Tetrachloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
1,2,3-Trichlorobenzene	ND	0.0016	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
1,2,4-Trichlorobenzene	ND	0.0016	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
1,3,5-Trichlorobenzene	ND	0.0016	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
1,1,1-Trichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
1,1,2-Trichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
Trichloroethylene	0.063	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0079	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
1,2,3-Trichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0079	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF
Vinyl Chloride	ND	0.0079	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:12	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-8 (6-8) Sampled: 9/17/2020 15:50

Sample ID: 20I1075-13

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		114	70-130					9/22/20 23:12	
Toluene-d8		97.6	70-130					9/22/20 23:12	
4-Bromofluorobenzene		102	70-130					9/22/20 23:12	

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

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-8 (6-8) Sampled: 9/17/2020 15:50

Sample ID: 20I1075-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.4		% Wt	1		SM 2540G	9/23/20	9/24/20 7:54	CJT

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-9 (1-3) Sampled: 9/17/2020 16:00

Sample ID: 20I1075-14

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
Bromodichloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
Carbon Tetrachloride	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
Chlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
Chlorodibromomethane	ND	0.00085	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
Chloroethane	ND	0.017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
Chloroform	ND	0.0034	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
Chloromethane	ND	0.0085	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
2-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
4-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
1,2-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
1,3-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
1,4-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
trans-1,4-Dichloro-2-butene	ND	0.0034	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
1,1-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
1,2-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
1,1-Dichloroethylene	ND	0.0034	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
cis-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
trans-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
1,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
1,3-Dichloropropane	ND	0.00085	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
2,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
1,1-Dichloropropene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
cis-1,3-Dichloropropene	ND	0.00085	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
trans-1,3-Dichloropropene	ND	0.00085	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
Hexachlorobutadiene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
Methylene Chloride	ND	0.017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
1,1,2,2-Tetrachloroethane	ND	0.00085	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
Tetrachloroethylene	0.0027	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
1,2,3-Trichlorobenzene	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
1,2,4-Trichlorobenzene	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
1,3,5-Trichlorobenzene	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
1,1,1-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
1,1,2-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
Trichloroethylene	0.0055	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0085	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
1,2,3-Trichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0085	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF
Vinyl Chloride	ND	0.0085	mg/Kg dry	1		SW-846 8260C-D	9/22/20	9/22/20 23:39	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-9 (1-3) Sampled: 9/17/2020 16:00

Sample ID: 20I1075-14

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		115	70-130					9/22/20 23:39	
Toluene-d8		100	70-130					9/22/20 23:39	
4-Bromofluorobenzene		101	70-130					9/22/20 23:39	

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Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: FDS-9 (1-3) Sampled: 9/17/2020 16:00

Sample ID: 20I1075-14

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.8		% Wt	1		SM 2540G	9/23/20	9/24/20 7:54	CJT

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Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: Trip Blank Sampled: 9/17/2020 08:00

Sample ID: 20I1075-15

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
Bromodichloromethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
Carbon Tetrachloride	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
Chlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
Chlorodibromomethane	ND	0.0010	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
Chloroethane	ND	0.020	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
Chloroform	ND	0.0040	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
Chloromethane	ND	0.010	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet	1	V-05	SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
Methylene Chloride	ND	0.020	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet	1	V-05	SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet	1	V-05	SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet	1	V-05	SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
Trichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF
Vinyl Chloride	ND	0.010	mg/Kg wet	1		SW-846 8260C-D	9/22/20	9/23/20 0:06	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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Project Location: 8273 Halsey Rd., Whitesboro, NY Sample Description: Work Order: 20I1075

Date Received: 9/21/2020

Field Sample #: Trip Blank Sampled: 9/17/2020 08:00

Sample ID: 20I1075-15

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		114	70-130					9/23/20 0:06	
Toluene-d8		97.8	70-130					9/23/20 0:06	
4-Bromofluorobenzene		95.2	70-130					9/23/20 0:06	

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Sample Extraction Data

Prep Method: % Solids **Analytical Method: SM 2540G**

Lab Number [Field ID]	Batch	Date
20I1075-01 [EXT-SW-5 (1-3)]	B267078	09/23/20
20I1075-02 [EXT-SW-5 (8-10)]	B267078	09/23/20
20I1075-03 [EXT-SW-6 (3-5)]	B267078	09/23/20
20I1075-04 [FDS-1 (1-3)]	B267078	09/23/20
20I1075-05 [FDS-2 (2-4)]	B267078	09/23/20
20I1075-06 [FDS-3 (1-3)]	B267078	09/23/20
20I1075-07 [FDS-4 (2-4)]	B267078	09/23/20
20I1075-08 [FDS-5 (1-3)]	B267078	09/23/20
20I1075-09 [FDS-6 (2-4)]	B267078	09/23/20
20I1075-10 [FDS-6-DUP (2-4)]	B267078	09/23/20
20I1075-11 [FDS-7 (1-3)]	B267078	09/23/20
20I1075-12 [FDS-8 (2-4)]	B267078	09/23/20
20I1075-13 [FDS-8 (6-8)]	B267078	09/23/20
20I1075-14 [FDS-9 (1-3)]	B267078	09/23/20

Prep Method: SW-846 5035 **Analytical Method: SW-846 8260C-D**

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
20I1075-03 [EXT-SW-6 (3-5)]	B266979	6.60	5.73	0.25	50	09/22/20

Prep Method: SW-846 5035 **Analytical Method: SW-846 8260C-D**

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
20I1075-02 [EXT-SW-5 (8-10)]	B267010	6.19	5.62	0.025	50	09/22/20

Prep Method: SW-846 5035 **Analytical Method: SW-846 8260C-D**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
20I1075-01 [EXT-SW-5 (1-3)]	B267026	6.35	10.0	09/22/20
20I1075-02 [EXT-SW-5 (8-10)]	B267026	5.91	10.0	09/22/20
20I1075-05 [FDS-2 (2-4)]	B267026	4.82	10.0	09/22/20

Prep Method: SW-846 5035 **Analytical Method: SW-846 8260C-D**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
20I1075-06 [FDS-3 (1-3)]	B267040	4.67	10.0	09/22/20
20I1075-07 [FDS-4 (2-4)]	B267040	4.31	10.0	09/22/20
20I1075-08 [FDS-5 (1-3)]	B267040	6.25	10.0	09/22/20
20I1075-09 [FDS-6 (2-4)]	B267040	5.64	10.0	09/22/20
20I1075-10 [FDS-6-DUP (2-4)]	B267040	8.26	10.0	09/22/20
20I1075-11 [FDS-7 (1-3)]	B267040	7.50	10.0	09/22/20
20I1075-12 [FDS-8 (2-4)]	B267040	6.30	10.0	09/22/20
20I1075-13 [FDS-8 (6-8)]	B267040	7.33	10.0	09/22/20
20I1075-14 [FDS-9 (1-3)]	B267040	6.76	10.0	09/22/20
20I1075-15 [Trip Blank]	B267040	5.00	10.0	09/22/20

Prep Method: SW-846 5035 **Analytical Method: SW-846 8260C-D**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date

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Sample Extraction Data

Prep Method: SW-846 5035 **Analytical Method: SW-846 8260C-D**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
20I1075-04 [FDS-1 (1-3)]	B267056	5.32	10.0	09/22/20

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B266979 - SW-846 5035										
Blank (B266979-BLK1)				Prepared & Analyzed: 09/22/20						
Bromochloromethane	ND	0.050	mg/Kg wet							
Bromodichloromethane	ND	0.050	mg/Kg wet							
Carbon Tetrachloride	ND	0.050	mg/Kg wet							
Chlorobenzene	ND	0.050	mg/Kg wet							
Chlorodibromomethane	ND	0.025	mg/Kg wet							
Chloroethane	ND	0.10	mg/Kg wet							
Chloroform	ND	0.10	mg/Kg wet							
Chloromethane	ND	0.10	mg/Kg wet							V-05, V-34
2-Chlorotoluene	ND	0.050	mg/Kg wet							
4-Chlorotoluene	ND	0.050	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.050	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.10	mg/Kg wet							V-05, L-04
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet							
1,1-Dichloroethane	ND	0.050	mg/Kg wet							
1,2-Dichloroethane	ND	0.050	mg/Kg wet							
1,1-Dichloroethylene	ND	0.050	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
1,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,3-Dichloropropane	ND	0.025	mg/Kg wet							
2,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,1-Dichloropropene	ND	0.10	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.025	mg/Kg wet							V-05
Hexachlorobutadiene	ND	0.050	mg/Kg wet							
Methylene Chloride	ND	0.25	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.050	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet							
Tetrachloroethylene	ND	0.050	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.25	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.050	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.050	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.050	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.050	mg/Kg wet							
Trichloroethylene	ND	0.050	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.050	mg/Kg wet							
Vinyl Chloride	ND	0.10	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	*0.0189*		mg/Kg wet	0.0250		75.7	70-130			
Surrogate: Toluene-d8	*0.0234*		mg/Kg wet	0.0250		93.8	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0242*		mg/Kg wet	0.0250		97.0	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B266979 - SW-846 5035												
LCS (B266979-BS1)				Prepared & Analyzed: 09/22/20								
Bromochloromethane	0.0120	0.0011	mg/Kg wet	0.0113		106		70-130				
Bromodichloromethane	0.00957	0.0011	mg/Kg wet	0.0113		84.4		70-130				
Carbon Tetrachloride	0.00976	0.0011	mg/Kg wet	0.0113		86.1		70-130				
Chlorobenzene	0.0120	0.0011	mg/Kg wet	0.0113		106		70-130				
Chlorodibromomethane	0.0101	0.00057	mg/Kg wet	0.0113		89.2		70-130				
Chloroethane	0.0111	0.0023	mg/Kg wet	0.0113		97.7		70-130				
Chloroform	0.0107	0.0023	mg/Kg wet	0.0113		94.0		70-130				
Chloromethane	0.00838	0.0023	mg/Kg wet	0.0113		73.9		70-130			V-05, V-34	
2-Chlorotoluene	0.0112	0.0011	mg/Kg wet	0.0113		98.7		70-130				
4-Chlorotoluene	0.0111	0.0011	mg/Kg wet	0.0113		98.1		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.00919	0.0057	mg/Kg wet	0.0113		81.1		70-130				
1,2-Dichlorobenzene	0.0109	0.0011	mg/Kg wet	0.0113		95.8		70-130				
1,3-Dichlorobenzene	0.0111	0.0011	mg/Kg wet	0.0113		98.2		70-130				
1,4-Dichlorobenzene	0.0107	0.0011	mg/Kg wet	0.0113		94.8		70-130				
trans-1,4-Dichloro-2-butene	0.00637	0.0023	mg/Kg wet	0.0113		**56.2**	*	70-130			V-05, L-04	
Dichlorodifluoromethane (Freon 12)	0.0103	0.0023	mg/Kg wet	0.0113		90.9		40-160				†
1,1-Dichloroethane	0.0111	0.0011	mg/Kg wet	0.0113		97.6		70-130				
1,2-Dichloroethane	0.00916	0.0011	mg/Kg wet	0.0113		80.8		70-130				
1,1-Dichloroethylene	0.0103	0.0011	mg/Kg wet	0.0113		90.5		70-130				
cis-1,2-Dichloroethylene	0.0111	0.0011	mg/Kg wet	0.0113		98.2		70-130				
trans-1,2-Dichloroethylene	0.0109	0.0011	mg/Kg wet	0.0113		95.9		70-130				
1,2-Dichloropropane	0.0115	0.0011	mg/Kg wet	0.0113		102		70-130				
1,3-Dichloropropane	0.0107	0.00057	mg/Kg wet	0.0113		94.0		70-130				
2,2-Dichloropropane	0.00984	0.0011	mg/Kg wet	0.0113		86.8		70-130				
1,1-Dichloropropene	0.0109	0.0023	mg/Kg wet	0.0113		96.1		70-130				
cis-1,3-Dichloropropene	0.00936	0.00057	mg/Kg wet	0.0113		82.6		70-130				
trans-1,3-Dichloropropene	0.00872	0.00057	mg/Kg wet	0.0113		76.9		70-130			V-05	
Hexachlorobutadiene	0.0101	0.0011	mg/Kg wet	0.0113		89.5		70-160				
Methylene Chloride	0.0115	0.0057	mg/Kg wet	0.0113		101		40-160				†
1,1,1,2-Tetrachloroethane	0.0118	0.0011	mg/Kg wet	0.0113		104		70-130				
1,1,2,2-Tetrachloroethane	0.0117	0.00057	mg/Kg wet	0.0113		104		70-130				
Tetrachloroethylene	0.0114	0.0011	mg/Kg wet	0.0113		101		70-130				
1,2,3-Trichlorobenzene	0.00970	0.0057	mg/Kg wet	0.0113		85.6		70-130				
1,2,4-Trichlorobenzene	0.0103	0.0011	mg/Kg wet	0.0113		90.7		70-130				
1,3,5-Trichlorobenzene	0.0107	0.0011	mg/Kg wet	0.0113		94.2		70-130				
1,1,1-Trichloroethane	0.0103	0.0011	mg/Kg wet	0.0113		91.0		70-130				
1,1,2-Trichloroethane	0.0109	0.0011	mg/Kg wet	0.0113		96.4		70-130				
Trichloroethylene	0.0111	0.0011	mg/Kg wet	0.0113		97.6		70-130				
Trichlorofluoromethane (Freon 11)	0.00968	0.0023	mg/Kg wet	0.0113		85.4		70-130				
1,2,3-Trichloropropane	0.0120	0.0023	mg/Kg wet	0.0113		106		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0112	0.0011	mg/Kg wet	0.0113		98.4		70-130				
Vinyl Chloride	0.0112	0.0023	mg/Kg wet	0.0113		98.7		40-130				†
Surrogate: 1,2-Dichloroethane-d4	*0.0218*		mg/Kg wet	0.0283		76.9		70-130				
Surrogate: Toluene-d8	*0.0266*		mg/Kg wet	0.0283		93.8		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0275*		mg/Kg wet	0.0283		97.0		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B266979 - SW-846 5035												
LCS Dup (B266979-BSD1)				Prepared & Analyzed: 09/22/20								
Bromochloromethane	0.0132	0.0011	mg/Kg wet	0.0113		116		70-130	9.91	25		
Bromodichloromethane	0.0102	0.0011	mg/Kg wet	0.0113		90.1		70-130	6.53	25		
Carbon Tetrachloride	0.0102	0.0011	mg/Kg wet	0.0113		89.8		70-130	4.21	25		
Chlorobenzene	0.0126	0.0011	mg/Kg wet	0.0113		112		70-130	5.25	25		
Chlorodibromomethane	0.0106	0.00057	mg/Kg wet	0.0113		93.7		70-130	4.92	25		
Chloroethane	0.0106	0.0023	mg/Kg wet	0.0113		93.9		70-130	3.97	25		
Chloroform	0.0109	0.0023	mg/Kg wet	0.0113		96.5		70-130	2.62	25		
Chloromethane	0.00869	0.0023	mg/Kg wet	0.0113		76.7		70-130	3.72	25	V-05, V-34	
2-Chlorotoluene	0.0117	0.0011	mg/Kg wet	0.0113		103		70-130	4.65	25		
4-Chlorotoluene	0.0119	0.0011	mg/Kg wet	0.0113		105		70-130	7.08	25		
1,2-Dibromo-3-chloropropane (DBCP)	0.00943	0.0057	mg/Kg wet	0.0113		83.2		70-130	2.56	25		
1,2-Dichlorobenzene	0.0112	0.0011	mg/Kg wet	0.0113		98.9		70-130	3.18	25		
1,3-Dichlorobenzene	0.0115	0.0011	mg/Kg wet	0.0113		102		70-130	3.30	25		
1,4-Dichlorobenzene	0.0113	0.0011	mg/Kg wet	0.0113		99.6		70-130	4.94	25		
trans-1,4-Dichloro-2-butene	0.00750	0.0023	mg/Kg wet	0.0113		**66.2**	*	70-130	16.3	25	L-04, V-05	
Dichlorodifluoromethane (Freon 12)	0.0107	0.0023	mg/Kg wet	0.0113		94.8		40-160	4.20	25		†
1,1-Dichloroethane	0.0115	0.0011	mg/Kg wet	0.0113		102		70-130	4.02	25		
1,2-Dichloroethane	0.00975	0.0011	mg/Kg wet	0.0113		86.0		70-130	6.24	25		
1,1-Dichloroethylene	0.0104	0.0011	mg/Kg wet	0.0113		91.4		70-130	0.990	25		
cis-1,2-Dichloroethylene	0.0113	0.0011	mg/Kg wet	0.0113		100		70-130	1.92	25		
trans-1,2-Dichloroethylene	0.0113	0.0011	mg/Kg wet	0.0113		99.9		70-130	4.09	25		
1,2-Dichloropropane	0.0118	0.0011	mg/Kg wet	0.0113		104		70-130	2.53	25		
1,3-Dichloropropane	0.0108	0.00057	mg/Kg wet	0.0113		95.3		70-130	1.37	25		
2,2-Dichloropropane	0.00996	0.0011	mg/Kg wet	0.0113		87.9		70-130	1.26	25		
1,1-Dichloropropene	0.0114	0.0023	mg/Kg wet	0.0113		101		70-130	4.97	25		
cis-1,3-Dichloropropene	0.00955	0.00057	mg/Kg wet	0.0113		84.3		70-130	2.04	25		
trans-1,3-Dichloropropene	0.00894	0.00057	mg/Kg wet	0.0113		78.9		70-130	2.57	25	V-05	
Hexachlorobutadiene	0.0106	0.0011	mg/Kg wet	0.0113		93.8		70-160	4.69	25		
Methylene Chloride	0.0117	0.0057	mg/Kg wet	0.0113		103		40-160	1.66	25		†
1,1,1,2-Tetrachloroethane	0.0126	0.0011	mg/Kg wet	0.0113		111		70-130	6.58	25		
1,1,2,2-Tetrachloroethane	0.0122	0.00057	mg/Kg wet	0.0113		108		70-130	4.16	25		
Tetrachloroethylene	0.0122	0.0011	mg/Kg wet	0.0113		107		70-130	6.05	25		
1,2,3-Trichlorobenzene	0.0100	0.0057	mg/Kg wet	0.0113		88.5		70-130	3.33	25		
1,2,4-Trichlorobenzene	0.0107	0.0011	mg/Kg wet	0.0113		94.1		70-130	3.68	25		
1,3,5-Trichlorobenzene	0.0109	0.0011	mg/Kg wet	0.0113		96.6		70-130	2.52	25		
1,1,1-Trichloroethane	0.0106	0.0011	mg/Kg wet	0.0113		93.4		70-130	2.60	25		
1,1,2-Trichloroethane	0.0114	0.0011	mg/Kg wet	0.0113		101		70-130	4.56	25		
Trichloroethylene	0.0115	0.0011	mg/Kg wet	0.0113		101		70-130	3.72	25		
Trichlorofluoromethane (Freon 11)	0.0102	0.0023	mg/Kg wet	0.0113		90.0		70-130	5.25	25		
1,2,3-Trichloropropane	0.0130	0.0023	mg/Kg wet	0.0113		115		70-130	7.78	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0113	0.0011	mg/Kg wet	0.0113		99.8		70-130	1.41	25		
Vinyl Chloride	0.0117	0.0023	mg/Kg wet	0.0113		103		40-130	4.65	25		†
Surrogate: 1,2-Dichloroethane-d4	*0.0215*		mg/Kg wet	0.0283		75.9		70-130				
Surrogate: Toluene-d8	*0.0266*		mg/Kg wet	0.0283		93.7		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0280*		mg/Kg wet	0.0283		98.9		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B267010 - SW-846 5035										
Blank (B267010-BLK1)				Prepared: 09/22/20 Analyzed: 09/23/20						
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
Trichloroethylene	ND	0.050	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	*0.0258*		mg/Kg wet	0.0250		103	70-130			
Surrogate: Toluene-d8	*0.0249*		mg/Kg wet	0.0250		99.4	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0245*		mg/Kg wet	0.0250		98.2	70-130			
LCS (B267010-BS1)				Prepared: 09/22/20 Analyzed: 09/23/20						
cis-1,2-Dichloroethylene	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130			
Trichloroethylene	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0288*		mg/Kg wet	0.0283		102	70-130			
Surrogate: Toluene-d8	*0.0283*		mg/Kg wet	0.0283		99.8	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0285*		mg/Kg wet	0.0283		101	70-130			
LCS Dup (B267010-BSD1)				Prepared: 09/22/20 Analyzed: 09/23/20						
cis-1,2-Dichloroethylene	0.0117	0.0011	mg/Kg wet	0.0113		103	70-130	1.96	25	
Trichloroethylene	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130	4.53	25	
Surrogate: 1,2-Dichloroethane-d4	*0.0296*		mg/Kg wet	0.0283		105	70-130			
Surrogate: Toluene-d8	*0.0282*		mg/Kg wet	0.0283		99.5	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0283*		mg/Kg wet	0.0283		99.8	70-130			
Batch B267026 - SW-846 5035										
Blank (B267026-BLK1)				Prepared & Analyzed: 09/22/20						
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							V-05
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							

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QUALITY CONTROL

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B267026 - SW-846 5035											
Blank (B267026-BLK1)				Prepared & Analyzed: 09/22/20							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet								
Tetrachloroethylene	ND	0.0020	mg/Kg wet								
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet								
Trichloroethylene	ND	0.0020	mg/Kg wet								
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet								
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet								
Vinyl Chloride	ND	0.010	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0552*		mg/Kg wet	0.0500		110	70-130				
Surrogate: Toluene-d8	*0.0497*		mg/Kg wet	0.0500		99.3	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0495*		mg/Kg wet	0.0500		99.0	70-130				
LCS (B267026-BS1)				Prepared & Analyzed: 09/22/20							
Bromochloromethane	0.0243	0.0020	mg/Kg wet	0.0200		122	70-130			V-20	
Bromodichloromethane	0.0188	0.0020	mg/Kg wet	0.0200		93.9	70-130				
Carbon Tetrachloride	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130				
Chlorobenzene	0.0196	0.0020	mg/Kg wet	0.0200		97.8	70-130				
Chlorodibromomethane	0.0198	0.0010	mg/Kg wet	0.0200		99.2	70-130				
Chloroethane	0.0232	0.020	mg/Kg wet	0.0200		116	70-130				
Chloroform	0.0201	0.0040	mg/Kg wet	0.0200		100	70-130				
Chloromethane	0.0215	0.010	mg/Kg wet	0.0200		107	70-130				
2-Chlorotoluene	0.0177	0.0020	mg/Kg wet	0.0200		88.6	70-130				
4-Chlorotoluene	0.0170	0.0020	mg/Kg wet	0.0200		85.2	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130				
1,2-Dichlorobenzene	0.0187	0.0020	mg/Kg wet	0.0200		93.5	70-130				
1,3-Dichlorobenzene	0.0188	0.0020	mg/Kg wet	0.0200		93.8	70-130				
1,4-Dichlorobenzene	0.0178	0.0020	mg/Kg wet	0.0200		89.0	70-130				
trans-1,4-Dichloro-2-butene	0.0199	0.0040	mg/Kg wet	0.0200		99.6	70-130				
Dichlorodifluoromethane (Freon 12)	0.0159	0.020	mg/Kg wet	0.0200		79.7	40-160			V-05	†
1,1-Dichloroethane	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130				
1,2-Dichloroethane	0.0197	0.0020	mg/Kg wet	0.0200		98.6	70-130				
1,1-Dichloroethylene	0.0208	0.0040	mg/Kg wet	0.0200		104	70-130				
cis-1,2-Dichloroethylene	0.0217	0.0020	mg/Kg wet	0.0200		109	70-130				
trans-1,2-Dichloroethylene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130				
1,2-Dichloropropane	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130				
1,3-Dichloropropane	0.0204	0.0010	mg/Kg wet	0.0200		102	70-130				
2,2-Dichloropropane	0.0189	0.0020	mg/Kg wet	0.0200		94.5	70-130				
1,1-Dichloropropene	0.0197	0.0020	mg/Kg wet	0.0200		98.7	70-130				
cis-1,3-Dichloropropene	0.0194	0.0010	mg/Kg wet	0.0200		97.2	70-130				
trans-1,3-Dichloropropene	0.0197	0.0010	mg/Kg wet	0.0200		98.7	70-130				
Hexachlorobutadiene	0.0162	0.0020	mg/Kg wet	0.0200		81.0	70-160				
Methylene Chloride	0.0249	0.020	mg/Kg wet	0.0200		124	40-160			V-20	†
1,1,1,2-Tetrachloroethane	0.0180	0.0020	mg/Kg wet	0.0200		90.1	70-130				
1,1,2,2-Tetrachloroethane	0.0193	0.0010	mg/Kg wet	0.0200		96.3	70-130				
Tetrachloroethylene	0.0181	0.0020	mg/Kg wet	0.0200		90.3	70-130				
1,2,3-Trichlorobenzene	0.0175	0.0020	mg/Kg wet	0.0200		87.7	70-130				
1,2,4-Trichlorobenzene	0.0167	0.0020	mg/Kg wet	0.0200		83.5	70-130				
1,3,5-Trichlorobenzene	0.0178	0.0020	mg/Kg wet	0.0200		89.1	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B267026 - SW-846 5035											
LCS (B267026-BS1)				Prepared & Analyzed: 09/22/20							
1,1,1-Trichloroethane	0.0188	0.0020	mg/Kg wet	0.0200		93.8	70-130				
1,1,2-Trichloroethane	0.0184	0.0020	mg/Kg wet	0.0200		91.9	70-130				
Trichloroethylene	0.0182	0.0020	mg/Kg wet	0.0200		90.8	70-130				
Trichlorofluoromethane (Freon 11)	0.0213	0.010	mg/Kg wet	0.0200		107	70-130				
1,2,3-Trichloropropane	0.0181	0.0020	mg/Kg wet	0.0200		90.5	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0221	0.010	mg/Kg wet	0.0200		111	70-130				
Vinyl Chloride	0.0213	0.010	mg/Kg wet	0.0200		107	40-130				†
Surrogate: 1,2-Dichloroethane-d4	*0.0541*		mg/Kg wet	0.0500		108	70-130				
Surrogate: Toluene-d8	*0.0495*		mg/Kg wet	0.0500		99.1	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0488*		mg/Kg wet	0.0500		97.6	70-130				
LCS Dup (B267026-BSD1)				Prepared & Analyzed: 09/22/20							
Bromochloromethane	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130	12.3	25	V-20	
Bromodichloromethane	0.0181	0.0020	mg/Kg wet	0.0200		90.5	70-130	3.69	25		
Carbon Tetrachloride	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130	6.46	25		
Chlorobenzene	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130	3.61	25		
Chlorodibromomethane	0.0192	0.0010	mg/Kg wet	0.0200		96.1	70-130	3.17	25		
Chloroethane	0.0223	0.020	mg/Kg wet	0.0200		112	70-130	3.96	25		
Chloroform	0.0189	0.0040	mg/Kg wet	0.0200		94.3	70-130	6.17	25		
Chloromethane	0.0207	0.010	mg/Kg wet	0.0200		104	70-130	3.51	25		
2-Chlorotoluene	0.0182	0.0020	mg/Kg wet	0.0200		90.8	70-130	2.45	25		
4-Chlorotoluene	0.0174	0.0020	mg/Kg wet	0.0200		86.9	70-130	1.98	25		
1,2-Dibromo-3-chloropropane (DBCP)	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	0.966	25		
1,2-Dichlorobenzene	0.0190	0.0020	mg/Kg wet	0.0200		94.8	70-130	1.38	25		
1,3-Dichlorobenzene	0.0179	0.0020	mg/Kg wet	0.0200		89.5	70-130	4.69	25		
1,4-Dichlorobenzene	0.0173	0.0020	mg/Kg wet	0.0200		86.6	70-130	2.73	25		
trans-1,4-Dichloro-2-butene	0.0191	0.0040	mg/Kg wet	0.0200		95.5	70-130	4.20	25		
Dichlorodifluoromethane (Freon 12)	0.0163	0.020	mg/Kg wet	0.0200		81.6	40-160	2.36	25	V-05	†
1,1-Dichloroethane	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130	6.40	25		
1,2-Dichloroethane	0.0194	0.0020	mg/Kg wet	0.0200		97.1	70-130	1.53	25		
1,1-Dichloroethylene	0.0190	0.0040	mg/Kg wet	0.0200		94.9	70-130	8.96	25		
cis-1,2-Dichloroethylene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	6.46	25		
trans-1,2-Dichloroethylene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130	5.69	25		
1,2-Dichloropropane	0.0205	0.0020	mg/Kg wet	0.0200		103	70-130	3.35	25		
1,3-Dichloropropane	0.0190	0.0010	mg/Kg wet	0.0200		94.8	70-130	7.12	25		
2,2-Dichloropropane	0.0182	0.0020	mg/Kg wet	0.0200		90.8	70-130	3.99	25		
1,1-Dichloropropene	0.0192	0.0020	mg/Kg wet	0.0200		95.8	70-130	2.98	25		
cis-1,3-Dichloropropene	0.0190	0.0010	mg/Kg wet	0.0200		95.1	70-130	2.18	25		
trans-1,3-Dichloropropene	0.0178	0.0010	mg/Kg wet	0.0200		88.9	70-130	10.4	25		
Hexachlorobutadiene	0.0159	0.0020	mg/Kg wet	0.0200		79.5	70-160	1.87	25		
Methylene Chloride	0.0239	0.020	mg/Kg wet	0.0200		120	40-160	3.85	25	V-20	†
1,1,1,2-Tetrachloroethane	0.0197	0.0020	mg/Kg wet	0.0200		98.3	70-130	8.70	25		
1,1,2,2-Tetrachloroethane	0.0185	0.0010	mg/Kg wet	0.0200		92.7	70-130	3.81	25		
Tetrachloroethylene	0.0161	0.0020	mg/Kg wet	0.0200		80.5	70-130	11.5	25		
1,2,3-Trichlorobenzene	0.0171	0.0020	mg/Kg wet	0.0200		85.6	70-130	2.42	25		
1,2,4-Trichlorobenzene	0.0164	0.0020	mg/Kg wet	0.0200		82.2	70-130	1.57	25		
1,3,5-Trichlorobenzene	0.0166	0.0020	mg/Kg wet	0.0200		82.9	70-130	7.21	25		
1,1,1-Trichloroethane	0.0174	0.0020	mg/Kg wet	0.0200		87.0	70-130	7.52	25		
1,1,2-Trichloroethane	0.0182	0.0020	mg/Kg wet	0.0200		91.1	70-130	0.874	25		
Trichloroethylene	0.0168	0.0020	mg/Kg wet	0.0200		83.9	70-130	7.90	25		
Trichlorofluoromethane (Freon 11)	0.0189	0.010	mg/Kg wet	0.0200		94.3	70-130	12.3	25		
1,2,3-Trichloropropane	0.0187	0.0020	mg/Kg wet	0.0200		93.7	70-130	3.47	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B267026 - SW-846 5035										
LCS Dup (B267026-BSD1)				Prepared & Analyzed: 09/22/20						
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0201	0.010	mg/Kg wet	0.0200		100	70-130	9.77	25	
Vinyl Chloride	0.0192	0.010	mg/Kg wet	0.0200		96.0	40-130	10.6	25	†
Surrogate: 1,2-Dichloroethane-d4	*0.0532*		mg/Kg wet	0.0500		106	70-130			
Surrogate: Toluene-d8	*0.0491*		mg/Kg wet	0.0500		98.1	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0490*		mg/Kg wet	0.0500		98.0	70-130			
Batch B267040 - SW-846 5035										
Blank (B267040-BLK1)				Prepared & Analyzed: 09/22/20						
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							V-05
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							V-05
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							V-05
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet							V-05
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B267040 - SW-846 5035											
Blank (B267040-BLK1)				Prepared & Analyzed: 09/22/20							
Surrogate: 1,2-Dichloroethane-d4	*0.0540*		mg/Kg wet	0.0500		108	70-130				
Surrogate: Toluene-d8	*0.0497*		mg/Kg wet	0.0500		99.4	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0490*		mg/Kg wet	0.0500		98.0	70-130				
LCS (B267040-BS1)				Prepared & Analyzed: 09/22/20							
Bromochloromethane	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130				
Bromodichloromethane	0.0172	0.0020	mg/Kg wet	0.0200		86.2	70-130				
Carbon Tetrachloride	0.0187	0.0020	mg/Kg wet	0.0200		93.4	70-130				
Chlorobenzene	0.0188	0.0020	mg/Kg wet	0.0200		94.1	70-130				
Chlorodibromomethane	0.0192	0.0010	mg/Kg wet	0.0200		96.0	70-130				
Chloroethane	0.0216	0.020	mg/Kg wet	0.0200		108	70-130				
Chloroform	0.0185	0.0040	mg/Kg wet	0.0200		92.7	70-130				
Chloromethane	0.0200	0.010	mg/Kg wet	0.0200		99.9	70-130				
2-Chlorotoluene	0.0169	0.0020	mg/Kg wet	0.0200		84.4	70-130				
4-Chlorotoluene	0.0167	0.0020	mg/Kg wet	0.0200		83.5	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130				
1,2-Dichlorobenzene	0.0181	0.0020	mg/Kg wet	0.0200		90.4	70-130				
1,3-Dichlorobenzene	0.0180	0.0020	mg/Kg wet	0.0200		89.9	70-130				
1,4-Dichlorobenzene	0.0176	0.0020	mg/Kg wet	0.0200		88.1	70-130				
trans-1,4-Dichloro-2-butene	0.0190	0.0040	mg/Kg wet	0.0200		94.8	70-130				
Dichlorodifluoromethane (Freon 12)	0.0141	0.020	mg/Kg wet	0.0200		70.4	40-160			V-05	†
1,1-Dichloroethane	0.0217	0.0020	mg/Kg wet	0.0200		109	70-130				
1,2-Dichloroethane	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130				
1,1-Dichloroethylene	0.0191	0.0040	mg/Kg wet	0.0200		95.3	70-130				
cis-1,2-Dichloroethylene	0.0199	0.0020	mg/Kg wet	0.0200		99.4	70-130				
trans-1,2-Dichloroethylene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130				
1,2-Dichloropropane	0.0199	0.0020	mg/Kg wet	0.0200		99.5	70-130				
1,3-Dichloropropane	0.0190	0.0010	mg/Kg wet	0.0200		95.0	70-130				
2,2-Dichloropropane	0.0165	0.0020	mg/Kg wet	0.0200		82.5	70-130				
1,1-Dichloropropene	0.0190	0.0020	mg/Kg wet	0.0200		94.9	70-130				
cis-1,3-Dichloropropene	0.0180	0.0010	mg/Kg wet	0.0200		90.2	70-130				
trans-1,3-Dichloropropene	0.0177	0.0010	mg/Kg wet	0.0200		88.5	70-130				
Hexachlorobutadiene	0.0148	0.0020	mg/Kg wet	0.0200		73.9	70-160				
Methylene Chloride	0.0237	0.020	mg/Kg wet	0.0200		118	40-160			V-20	†
1,1,1,2-Tetrachloroethane	0.0184	0.0020	mg/Kg wet	0.0200		92.0	70-130				
1,1,2,2-Tetrachloroethane	0.0188	0.0010	mg/Kg wet	0.0200		93.8	70-130				
Tetrachloroethylene	0.0163	0.0020	mg/Kg wet	0.0200		81.5	70-130				
1,2,3-Trichlorobenzene	0.0166	0.0020	mg/Kg wet	0.0200		83.1	70-130			V-05	
1,2,4-Trichlorobenzene	0.0162	0.0020	mg/Kg wet	0.0200		80.8	70-130			V-05	
1,3,5-Trichlorobenzene	0.0157	0.0020	mg/Kg wet	0.0200		78.6	70-130			V-05	
1,1,1-Trichloroethane	0.0182	0.0020	mg/Kg wet	0.0200		91.0	70-130				
1,1,2-Trichloroethane	0.0179	0.0020	mg/Kg wet	0.0200		89.3	70-130				
Trichloroethylene	0.0171	0.0020	mg/Kg wet	0.0200		85.7	70-130				
Trichlorofluoromethane (Freon 11)	0.0193	0.010	mg/Kg wet	0.0200		96.5	70-130				
1,2,3-Trichloropropane	0.0193	0.0020	mg/Kg wet	0.0200		96.6	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0199	0.010	mg/Kg wet	0.0200		99.4	70-130				
Vinyl Chloride	0.0185	0.010	mg/Kg wet	0.0200		92.4	40-130				†
Surrogate: 1,2-Dichloroethane-d4	*0.0519*		mg/Kg wet	0.0500		104	70-130				
Surrogate: Toluene-d8	*0.0493*		mg/Kg wet	0.0500		98.6	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0486*		mg/Kg wet	0.0500		97.3	70-130				

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QUALITY CONTROL

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B267040 - SW-846 5035											
LCS Dup (B267040-BSD1)				Prepared & Analyzed: 09/22/20							
Bromochloromethane	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130	5.22	25		
Bromodichloromethane	0.0173	0.0020	mg/Kg wet	0.0200		86.7	70-130	0.578	25		
Carbon Tetrachloride	0.0185	0.0020	mg/Kg wet	0.0200		92.3	70-130	1.18	25		
Chlorobenzene	0.0187	0.0020	mg/Kg wet	0.0200		93.7	70-130	0.426	25		
Chlorodibromomethane	0.0194	0.0010	mg/Kg wet	0.0200		97.2	70-130	1.24	25		
Chloroethane	0.0195	0.020	mg/Kg wet	0.0200		97.6	70-130	10.2	25		
Chloroform	0.0182	0.0040	mg/Kg wet	0.0200		90.9	70-130	1.96	25		
Chloromethane	0.0202	0.010	mg/Kg wet	0.0200		101	70-130	0.897	25		
2-Chlorotoluene	0.0164	0.0020	mg/Kg wet	0.0200		82.0	70-130	2.88	25		
4-Chlorotoluene	0.0158	0.0020	mg/Kg wet	0.0200		79.0	70-130	5.54	25		
1,2-Dibromo-3-chloropropane (DBCP)	0.0196	0.0020	mg/Kg wet	0.0200		97.9	70-130	2.22	25		
1,2-Dichlorobenzene	0.0182	0.0020	mg/Kg wet	0.0200		91.0	70-130	0.662	25		
1,3-Dichlorobenzene	0.0180	0.0020	mg/Kg wet	0.0200		89.8	70-130	0.111	25		
1,4-Dichlorobenzene	0.0175	0.0020	mg/Kg wet	0.0200		87.4	70-130	0.798	25		
trans-1,4-Dichloro-2-butene	0.0180	0.0040	mg/Kg wet	0.0200		90.2	70-130	4.97	25		
Dichlorodifluoromethane (Freon 12)	0.0147	0.020	mg/Kg wet	0.0200		73.5	40-160	4.31	25	V-05	†
1,1-Dichloroethane	0.0196	0.0020	mg/Kg wet	0.0200		97.9	70-130	10.5	25		
1,2-Dichloroethane	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130	0.499	25		
1,1-Dichloroethylene	0.0181	0.0040	mg/Kg wet	0.0200		90.5	70-130	5.17	25		
cis-1,2-Dichloroethylene	0.0191	0.0020	mg/Kg wet	0.0200		95.4	70-130	4.11	25		
trans-1,2-Dichloroethylene	0.0199	0.0020	mg/Kg wet	0.0200		99.5	70-130	1.40	25		
1,2-Dichloropropane	0.0197	0.0020	mg/Kg wet	0.0200		98.4	70-130	1.11	25		
1,3-Dichloropropane	0.0201	0.0010	mg/Kg wet	0.0200		100	70-130	5.53	25		
2,2-Dichloropropane	0.0163	0.0020	mg/Kg wet	0.0200		81.7	70-130	0.974	25		
1,1-Dichloropropene	0.0178	0.0020	mg/Kg wet	0.0200		88.9	70-130	6.53	25		
cis-1,3-Dichloropropene	0.0187	0.0010	mg/Kg wet	0.0200		93.6	70-130	3.70	25		
trans-1,3-Dichloropropene	0.0184	0.0010	mg/Kg wet	0.0200		92.0	70-130	3.88	25		
Hexachlorobutadiene	0.0146	0.0020	mg/Kg wet	0.0200		72.9	70-160	1.36	25		
Methylene Chloride	0.0235	0.020	mg/Kg wet	0.0200		117	40-160	0.848	25	V-20	†
1,1,1,2-Tetrachloroethane	0.0192	0.0020	mg/Kg wet	0.0200		96.0	70-130	4.26	25		
1,1,2,2-Tetrachloroethane	0.0180	0.0010	mg/Kg wet	0.0200		89.9	70-130	4.25	25		
Tetrachloroethylene	0.0161	0.0020	mg/Kg wet	0.0200		80.6	70-130	1.11	25		
1,2,3-Trichlorobenzene	0.0158	0.0020	mg/Kg wet	0.0200		79.1	70-130	4.93	25	V-05	
1,2,4-Trichlorobenzene	0.0145	0.0020	mg/Kg wet	0.0200		72.7	70-130	10.6	25	V-05	
1,3,5-Trichlorobenzene	0.0156	0.0020	mg/Kg wet	0.0200		77.9	70-130	0.895	25	V-05	
1,1,1-Trichloroethane	0.0169	0.0020	mg/Kg wet	0.0200		84.7	70-130	7.17	25		
1,1,2-Trichloroethane	0.0171	0.0020	mg/Kg wet	0.0200		85.4	70-130	4.46	25		
Trichloroethylene	0.0166	0.0020	mg/Kg wet	0.0200		83.1	70-130	3.08	25		
Trichlorofluoromethane (Freon 11)	0.0173	0.010	mg/Kg wet	0.0200		86.6	70-130	10.8	25		
1,2,3-Trichloropropane	0.0199	0.0020	mg/Kg wet	0.0200		99.6	70-130	3.06	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0184	0.010	mg/Kg wet	0.0200		92.0	70-130	7.73	25		
Vinyl Chloride	0.0177	0.010	mg/Kg wet	0.0200		88.7	40-130	4.09	25		†
Surrogate: 1,2-Dichloroethane-d4	*0.0532*		mg/Kg wet	0.0500		106	70-130				
Surrogate: Toluene-d8	*0.0486*		mg/Kg wet	0.0500		97.2	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0496*		mg/Kg wet	0.0500		99.2	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B267056 - SW-846 5035										
Blank (B267056-BLK1)				Prepared & Analyzed: 09/23/20						
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	*0.0542*		mg/Kg wet	0.0500		108	70-130			
Surrogate: Toluene-d8	*0.0503*		mg/Kg wet	0.0500		101	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0493*		mg/Kg wet	0.0500		98.6	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B267056 - SW-846 5035										
LCS (B267056-BS1)				Prepared & Analyzed: 09/23/20						
Bromochloromethane	0.0225	0.0020	mg/Kg wet	0.0200		113	70-130			
Bromodichloromethane	0.0185	0.0020	mg/Kg wet	0.0200		92.5	70-130			
Carbon Tetrachloride	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130			
Chlorobenzene	0.0194	0.0020	mg/Kg wet	0.0200		96.9	70-130			
Chlorodibromomethane	0.0205	0.0010	mg/Kg wet	0.0200		102	70-130			
Chloroethane	0.0223	0.020	mg/Kg wet	0.0200		111	70-130			
Chloroform	0.0204	0.0040	mg/Kg wet	0.0200		102	70-130			
Chloromethane	0.0228	0.010	mg/Kg wet	0.0200		114	70-130			
2-Chlorotoluene	0.0181	0.0020	mg/Kg wet	0.0200		90.6	70-130			
4-Chlorotoluene	0.0176	0.0020	mg/Kg wet	0.0200		87.8	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130			
1,2-Dichlorobenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.6	70-130			
1,3-Dichlorobenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.6	70-130			
1,4-Dichlorobenzene	0.0187	0.0020	mg/Kg wet	0.0200		93.6	70-130			
trans-1,4-Dichloro-2-butene	0.0213	0.0040	mg/Kg wet	0.0200		107	70-130			
Dichlorodifluoromethane (Freon 12)	0.0169	0.020	mg/Kg wet	0.0200		84.5	40-160			†
1,1-Dichloroethane	0.0233	0.0020	mg/Kg wet	0.0200		116	70-130			
1,2-Dichloroethane	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130			
1,1-Dichloroethylene	0.0215	0.0040	mg/Kg wet	0.0200		107	70-130			
cis-1,2-Dichloroethylene	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130			
trans-1,2-Dichloroethylene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130			
1,2-Dichloropropane	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130			
1,3-Dichloropropane	0.0198	0.0010	mg/Kg wet	0.0200		99.0	70-130			
2,2-Dichloropropane	0.0191	0.0020	mg/Kg wet	0.0200		95.6	70-130			
1,1-Dichloropropene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130			
cis-1,3-Dichloropropene	0.0197	0.0010	mg/Kg wet	0.0200		98.4	70-130			
trans-1,3-Dichloropropene	0.0187	0.0010	mg/Kg wet	0.0200		93.5	70-130			
Hexachlorobutadiene	0.0162	0.0020	mg/Kg wet	0.0200		81.0	70-160			
Methylene Chloride	0.0257	0.020	mg/Kg wet	0.0200		129	40-160			†
1,1,1,2-Tetrachloroethane	0.0192	0.0020	mg/Kg wet	0.0200		96.1	70-130			
1,1,2,2-Tetrachloroethane	0.0191	0.0010	mg/Kg wet	0.0200		95.7	70-130			
Tetrachloroethylene	0.0177	0.0020	mg/Kg wet	0.0200		88.7	70-130			
1,2,3-Trichlorobenzene	0.0178	0.0020	mg/Kg wet	0.0200		89.1	70-130			
1,2,4-Trichlorobenzene	0.0176	0.0020	mg/Kg wet	0.0200		88.0	70-130			
1,3,5-Trichlorobenzene	0.0169	0.0020	mg/Kg wet	0.0200		84.3	70-130			
1,1,1-Trichloroethane	0.0194	0.0020	mg/Kg wet	0.0200		97.2	70-130			
1,1,2-Trichloroethane	0.0190	0.0020	mg/Kg wet	0.0200		95.2	70-130			
Trichloroethylene	0.0185	0.0020	mg/Kg wet	0.0200		92.5	70-130			
Trichlorofluoromethane (Freon 11)	0.0213	0.010	mg/Kg wet	0.0200		107	70-130			
1,2,3-Trichloropropane	0.0194	0.0020	mg/Kg wet	0.0200		96.9	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0224	0.010	mg/Kg wet	0.0200		112	70-130			
Vinyl Chloride	0.0222	0.010	mg/Kg wet	0.0200		111	40-130			†
Surrogate: 1,2-Dichloroethane-d4	*0.0549*		mg/Kg wet	0.0500		110	70-130			
Surrogate: Toluene-d8	*0.0480*		mg/Kg wet	0.0500		96.0	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0478*		mg/Kg wet	0.0500		95.6	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B267056 - SW-846 5035										
LCS Dup (B267056-BSD1)				Prepared & Analyzed: 09/23/20						
Bromochloromethane	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130	3.06	25	
Bromodichloromethane	0.0175	0.0020	mg/Kg wet	0.0200		87.3	70-130	5.78	25	
Carbon Tetrachloride	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130	7.03	25	
Chlorobenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.6	70-130	1.35	25	
Chlorodibromomethane	0.0194	0.0010	mg/Kg wet	0.0200		97.1	70-130	5.31	25	
Chloroethane	0.0227	0.020	mg/Kg wet	0.0200		114	70-130	2.04	25	
Chloroform	0.0194	0.0040	mg/Kg wet	0.0200		97.1	70-130	4.73	25	
Chloromethane	0.0215	0.010	mg/Kg wet	0.0200		107	70-130	6.05	25	
2-Chlorotoluene	0.0171	0.0020	mg/Kg wet	0.0200		85.6	70-130	5.68	25	
4-Chlorotoluene	0.0168	0.0020	mg/Kg wet	0.0200		84.0	70-130	4.42	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130	1.19	25	
1,2-Dichlorobenzene	0.0188	0.0020	mg/Kg wet	0.0200		94.0	70-130	3.76	25	
1,3-Dichlorobenzene	0.0178	0.0020	mg/Kg wet	0.0200		88.8	70-130	7.38	25	
1,4-Dichlorobenzene	0.0177	0.0020	mg/Kg wet	0.0200		88.5	70-130	5.60	25	
trans-1,4-Dichloro-2-butene	0.0188	0.0040	mg/Kg wet	0.0200		94.0	70-130	12.7	25	
Dichlorodifluoromethane (Freon 12)	0.0161	0.020	mg/Kg wet	0.0200		80.7	40-160	4.60	25	†
1,1-Dichloroethane	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130	4.93	25	
1,2-Dichloroethane	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130	1.54	25	
1,1-Dichloroethylene	0.0216	0.0040	mg/Kg wet	0.0200		108	70-130	0.557	25	
cis-1,2-Dichloroethylene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	5.16	25	
trans-1,2-Dichloroethylene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130	5.50	25	
1,2-Dichloropropane	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	8.44	25	
1,3-Dichloropropane	0.0191	0.0010	mg/Kg wet	0.0200		95.6	70-130	3.49	25	
2,2-Dichloropropane	0.0182	0.0020	mg/Kg wet	0.0200		90.9	70-130	5.04	25	
1,1-Dichloropropene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130	2.07	25	
cis-1,3-Dichloropropene	0.0181	0.0010	mg/Kg wet	0.0200		90.6	70-130	8.25	25	
trans-1,3-Dichloropropene	0.0188	0.0010	mg/Kg wet	0.0200		93.9	70-130	0.427	25	
Hexachlorobutadiene	0.0154	0.0020	mg/Kg wet	0.0200		77.2	70-160	4.80	25	
Methylene Chloride	0.0242	0.020	mg/Kg wet	0.0200		121	40-160	6.33	25	†
1,1,1,2-Tetrachloroethane	0.0189	0.0020	mg/Kg wet	0.0200		94.4	70-130	1.78	25	
1,1,2,2-Tetrachloroethane	0.0185	0.0010	mg/Kg wet	0.0200		92.5	70-130	3.40	25	
Tetrachloroethylene	0.0171	0.0020	mg/Kg wet	0.0200		85.7	70-130	3.44	25	
1,2,3-Trichlorobenzene	0.0159	0.0020	mg/Kg wet	0.0200		79.4	70-130	11.5	25	
1,2,4-Trichlorobenzene	0.0161	0.0020	mg/Kg wet	0.0200		80.4	70-130	9.03	25	
1,3,5-Trichlorobenzene	0.0160	0.0020	mg/Kg wet	0.0200		80.1	70-130	5.11	25	
1,1,1-Trichloroethane	0.0185	0.0020	mg/Kg wet	0.0200		92.7	70-130	4.74	25	
1,1,2-Trichloroethane	0.0192	0.0020	mg/Kg wet	0.0200		96.0	70-130	0.837	25	
Trichloroethylene	0.0178	0.0020	mg/Kg wet	0.0200		88.8	70-130	4.08	25	
Trichlorofluoromethane (Freon 11)	0.0203	0.010	mg/Kg wet	0.0200		102	70-130	4.80	25	
1,2,3-Trichloropropane	0.0181	0.0020	mg/Kg wet	0.0200		90.6	70-130	6.72	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0204	0.010	mg/Kg wet	0.0200		102	70-130	9.07	25	
Vinyl Chloride	0.0215	0.010	mg/Kg wet	0.0200		108	40-130	3.29	25	†
Surrogate: 1,2-Dichloroethane-d4	*0.0549*		mg/Kg wet	0.0500		110	70-130			
Surrogate: Toluene-d8	*0.0495*		mg/Kg wet	0.0500		99.0	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0494*		mg/Kg wet	0.0500		98.9	70-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
RL-11	Elevated reporting limit due to high concentration of target compounds.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
V-34	Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C-D in Soil	
Bromochloromethane	NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
1,2-Dibromo-3-chloropropane (DBCP)	NY
1,2-Dibromo-3-chloropropane (DBCP)	NY
1,2-Dibromo-3-chloropropane (DBCP)	NY
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
trans-1,4-Dichloro-2-butene	NY
Dichlorodifluoromethane (Freon 12)	NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C-D in Soil	
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
Methylene Chloride	CT,NH,NY,ME,VA
Methylene Chloride	CT,NH,NY,ME,VA
Methylene Chloride	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
Tetrachloroethylene	NY,ME,VA
Tetrachloroethylene	NY,ME,VA
Tetrachloroethylene	NY,ME,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C-D in Soil	
1,2,3-Trichlorobenzene	ME
1,2,3-Trichlorobenzene	NY
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2022
MA	Massachusetts DEP	M-MA100	06/30/2021
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2021
NY	New York State Department of Health	10899 NELAP	04/1/2021
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2021
RI	Rhode Island Department of Health	LAO00112	12/30/2020
NC	North Carolina Div. of Water Quality	652	12/31/2020
NJ	New Jersey DEP	MA007 NELAP	06/30/2021
FL	Florida Department of Health	E871027 NELAP	06/30/2021
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2021
ME	State of Maine	2011028	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2020
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2021
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2021
NC-DW	North Carolina Department of Health	25703	07/31/2021
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2021
MI	Dept. of Env, Great Lakes, and Energy	9100	10/1/2020

201075

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CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 2_06262019

Company Name:	HRP ASSOCIATES
Address:	51 Roosevelt Dr Unit F1 Derby CT
Phone:	203 380 1395
Project Name:	Whitcraft
Project Location:	8213 Tabor Rd Whitesboro NY
Project Number:	WHITES216.P2
Project Manager:	Brian Lowry
Con-Test Quote Name/Number:	
Invoice Recipient:	
Sampled By:	LAB

Requested Turnaround Time			
7-Day	☐	10-Day	☐
PFAS 10-Day (std)	☐	Due Date:	5 day

Rush Approval Required			
1-Day	☐	3-Day	☐
2-Day	☐	4-Day	☐

Dissolved Metals Samples	
○	Field Filtered
○	Lab to Filter

Orthophosphate Samples	
○	Field Filtered
○	Lab to Filter

Data Delivery			
Format:	PDF	☒	EXCEL ☒
Other:	HRP EDD		
CLP Like Data Pkg Required:		☐	
Email To:	Brian.Lowry@HRPAssociates.com		
Fax To #:			

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1] Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	Chlorinated VOCs 1,4-Dioxane (SIM) TCL
1	EXT-SW-5 (1-3)	9/17/20	1:10	Grab	S	U	3					X
2	EXT-SW-5 (8-10)		1:35				3	1				X
3	EXT-SW-6 (3-5)		1:30				3	1				X
4	FDS-1 (1-3)		2:05				3					X
5	FDS-2 (2-4)		2:20				3					X
6	FDS-3 (1-3)		2:25				3					X
7	FDS-4 (2-4)		2:40				3					X
8	FDS-5 (1-3)		2:50				3					X
9	FDS-6 (2-4)		3:20				3					X
10	FDS-6 DUP (2-4)		3:20				3					X

Client Comments:

Relinquished by: (signature)	Date/Time:
	9/21/20 1044
Received by: (signature)	Date/Time:
	9/21/20 10:44
Relinquished by: (signature)	Date/Time:
	9/21/20 8:00
Received by: (signature)	Date/Time:
Cwatt WM 33	9/21/20 2000
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements	
MA	
CT	
Other	NYGA
PWSID #	

Special Requirements	
	☐ MA MCP Required
	☐ MCP Certification Form Required
	☐ CT RCP Required
	☐ RCP Certification Form Required
	☐ MA State DW Required

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity

Government	☐	Municipality	☐	MWRA	☐	WRTA	☐
Federal	☐	21 J	☐	School	☐		
City	☐	Brownfield	☐	MBTA	☐		

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY:
☐ Soxhlet
☐ Non Soxhlet

Comments:

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con Test values your partnership on each project and will try to assist with missing information, but will not b held accountable.

Con-Test Use Only

Total Number Of:
VIALS 32
GLASS 2
PLASTIC
BACTERIA
ENCORE

Glassware in the fridge? Y / N

Glassware in freezer? Y / N

Prepackaged Cooler? Y / N

*Contest is not responsible for missing samples from prepacked coolers

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[2] Preservation Code

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20I1075

con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 2_06262019

Page 4 of 4

Company Name: HRP Associates
Address: 25 Roosevelt Dr 2nd fl Derby CT
Phone: 203 380 1395
Project Name: Whitcraft
Project Location: 273 Hasen Rd Whitesboro NY
Project Number: Whitcraft.G
Project Manager: Brian Lowry
Con-Test Quote Name/Number:
Invoice Recipient: HRP LAB
Sampled By:

Requested Turnaround Time			
7-Day	☐	10-Day	☐
PFAS 10-Day (std)	☐	Due Date:	5-6-20

Rush Approval Required			
1-Day	☐	3-Day	☐
2-Day	☐	4-Day	☐

Dissolved Metals Samples	
○	Field Filtered
○	Lab to Filter

Orthophosphate Samples	
○	Field Filtered
○	Lab to Filter

Data Delivery
Format: PDF ☒ EXCEL ☒
Other: HRP EDD
CLP Like Data Pkg Required: ☐
Email To: Brian.Lowry@HRPAssociates.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1] Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	Chlorinated VOCs
11	FDS-7 (1-3)	9/17/20	3:35	Grab	S	U	3					X
12	FDS-8 (2-4)		3:45				3					X
13	FDS-8 (6-8)		3:50				3					X
14	FDS-9 (1-3)		4:00				3					X
15	Trip Blank		8:00				3					X

[2] Preservation Code

Courier Use Only

Total Number Of:
VIALS 15
GLASS
PLASTIC
BACTERIA
ENCORE

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N
*Contest is not responsible for missing samples from prepacked coolers

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Relinquished by: (signature)	Date/Time:
	9/21/20 1044
Received by: (signature)	Date/Time:
	9/21/20 10:44
Relinquished by: (signature)	Date/Time:
	9/21/20 8:00
Received by: (signature)	Date/Time:
Everett NY 33	9/21/20 2000
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Client Comments:

Detection Limit Requirements
MA
GT
Other: NY GA

Special Requirements
☐ MA MCP Required
MCP Certification Form Required
☐ CT RCP Required
RCP Certification Form Required
☐ MA State DW Required
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ 21 J ☐ School ☐
City ☐ Brownfield ☐ MBTA ☐

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

Comments:

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine wha analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con Test values your partnership on each project and will try to assist with missing information, but will not b held accountable.

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I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client HRP

Received By CR Date 9/21/20 Time 2000

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____ Direct from Sampling _____ Ambient _____ Melted Ice _____

Were samples within Temperature? 2-6°C T By Blank # _____ By Gun # 4 Actual Temp - 3.3 Actual Temp - _____

Was Custody Seal Intact? NA Were Samples Tampered with? NA

Was COC Relinquished ? T Does Chain Agree With Samples? T

Are there broken/leaking/loose caps on any samples? F

Is COC in ink/ Legible? T Were samples received within holding time? T

Did COC include all pertinent Information? Client T Analysis T Sampler Name T Project T ID's T Collection Dates/Times T

Are Sample labels filled out and legible? T

Are there Lab to Filters? F Who was notified? _____

Are there Rushes? F Who was notified? _____

Are there Short Holds? F Who was notified? _____

Is there enough Volume? T

Is there Headspace where applicable? T MS/MSD? F

Proper Media/Containers Used? T Is splitting samples required? F

Were trip blanks received? T On COC? T ~~F~~ EOR 9/21/20

Do all samples have the proper pH? NA Acid _____ Base _____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	1/1
Meoh-	15	250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-	30	Flashpoint		Col./Bacteria		2oz Amb/Clear	13
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

Recieved 4 extra vials with ID HRP-BR-1-AP not listed on COC

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

October 9, 2020

Brian Lowry
HRP Associates, Inc. (Private)
197 Scott Swamp Road
Farmington, CT 06032

Project Location: Whitesboro, NY
Client Job Number:
Project Number: WHI6526.P2
Laboratory Work Order Number: 20J0184

Enclosed are results of analyses for samples received by the laboratory on October 5, 2020. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kerry K. McGee
Project Manager

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

HRP Associates, Inc. (Private)
197 Scott Swamp Road
Farmington, CT 06032
ATTN: Brian Lowry

REPORT DATE: 10/9/2020

PURCHASE ORDER NUMBER:

PROJECT NUMBER: WHI6526.P2

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 20J0184

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Whitesboro, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-02	20J0184-01	Ground Water		SW-846 8260C-D	
MW-03	20J0184-02	Ground Water		SW-846 8260C-D	
MW-04	20J0184-03	Ground Water		SW-846 8260C-D	
MW-05	20J0184-04	Ground Water		SW-846 8260C-D	
MW-6BR	20J0184-05	Ground Water		SW-846 8260C-D	
MW-11R	20J0184-06	Ground Water		SW-846 8260C-D	
MW-15R	20J0184-07	Ground Water		SW-846 8260C-D	
HRP-1	20J0184-08	Ground Water		SW-846 8260C-D	
HRP-2	20J0184-09	Ground Water		SW-846 8260C-D	
HRP-BR-1	20J0184-10	Ground Water		SW-846 8260C-D	
TB	20J0184-11	Trip Blank Water		SW-846 8260C-D	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

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

SW-846 8260C-D

Qualifications:

L-04

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

trans-1,4-Dichloro-2-butene

20J0184-01[MW-02], 20J0184-02[MW-03], 20J0184-03[MW-04], 20J0184-04[MW-05], 20J0184-05[MW-6BR], 20J0184-06[MW- 11R], 20J0184-07[MW-15R], 20J0184-08[HRP-1], 20J0184-09[HRP-2], 20J0184-10[HRP-BR-1], 20J0184- 11[TB], B268011-BLK1, B268011-BS1, B268011-BSD1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

20J0184-07[MW-15R]

V-05

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

Analyte & Samples(s) Qualified:

Chloromethane

20J0184-01[MW-02], 20J0184-02[MW-03], 20J0184-03[MW-04], 20J0184-04[MW-05], 20J0184-05[MW-6BR], 20J0184-06[MW- 11R], 20J0184-07[MW-15R], 20J0184-08[HRP-1], 20J0184-09[HRP-2], 20J0184-10[HRP-BR-1], 20J0184- 11[TB], B268011-BLK1, B268011-BS1, B268011-BSD1, S053116-CCV1

trans-1,3-Dichloropropene

20J0184-01[MW-02], 20J0184-02[MW-03], 20J0184-03[MW-04], 20J0184-04[MW-05], 20J0184-05[MW-6BR], 20J0184-06[MW- 11R], 20J0184-07[MW-15R], 20J0184-08[HRP-1], 20J0184-09[HRP-2], 20J0184-10[HRP-BR-1], 20J0184- 11[TB], B268011-BLK1, B268011-BS1, B268011-BSD1, S053116-CCV1

trans-1,4-Dichloro-2-butene

20J0184-01[MW-02], 20J0184-02[MW-03], 20J0184-03[MW-04], 20J0184-04[MW-05], 20J0184-05[MW-6BR], 20J0184-06[MW- 11R], 20J0184-07[MW-15R], 20J0184-08[HRP-1], 20J0184-09[HRP-2], 20J0184-10[HRP-BR-1], 20J0184- 11[TB], B268011-BLK1, B268011-BS1, B268011-BSD1, S053116-CCV1

V-34

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

Analyte & Samples(s) Qualified:

Chloromethane

20J0184-01[MW-02], 20J0184-02[MW-03], 20J0184-03[MW-04], 20J0184-04[MW-05], 20J0184-05[MW-6BR], 20J0184-06[MW- 11R], 20J0184-07[MW-15R], 20J0184-08[HRP-1], 20J0184-09[HRP-2], 20J0184-10[HRP-BR-1], 20J0184- 11[TB], B268011-BLK1, B268011-BS1, B268011-BSD1, S053116-CCV1

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



Lisa A. Worthington
Technical Representative

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Whitesboro, NY | Sample Description: | Work Order: 20J0184

Date Received: 10/5/2020

Field Sample #: MW-02 | Sampled: 10/1/2020 10:59

Sample ID: 20J0184-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
Chloromethane	ND	2.0	µg/L	1	V-05, V-34	SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05, L-04	SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
cis-1,2-Dichloroethylene	58	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
trans-1,2-Dichloroethylene	1.1	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
Trichloroethylene	8.8	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD
Vinyl Chloride	27	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 19:12	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Whitesboro, NY | Sample Description: | Work Order: 20J0184

Date Received: 10/5/2020

Field Sample #: MW-02 | Sampled: 10/1/2020 10:59

Sample ID: 20J0184-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		80.3	70-130					10/6/20 19:12	
Toluene-d8		92.8	70-130					10/6/20 19:12	
4-Bromofluorobenzene		92.4	70-130					10/6/20 19:12	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Whitesboro, NY | Sample Description: | Work Order: 20J0184

Date Received: 10/5/2020

Field Sample #: MW-03 | Sampled: 10/1/2020 11:25

Sample ID: 20J0184-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
Chloromethane	ND	2.0	µg/L	1	V-05, V-34	SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05, L-04	SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
1,1-Dichloroethane	7.9	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
cis-1,2-Dichloroethylene	25	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
1,1,1-Trichloroethane	17	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
Trichloroethylene	17	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	3.0	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD
Vinyl Chloride	54	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:27	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Whitesboro, NY | Sample Description: | Work Order: 20J0184

Date Received: 10/5/2020

Field Sample #: MW-03 | Sampled: 10/1/2020 11:25

Sample ID: 20J0184-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		80.8	70-130					10/6/20 17:27	
Toluene-d8		93.4	70-130					10/6/20 17:27	
4-Bromofluorobenzene		94.4	70-130					10/6/20 17:27	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Whitesboro, NY | Sample Description: | Work Order: 20J0184

Date Received: 10/5/2020

Field Sample #: MW-04 | Sampled: 10/1/2020 12:21

Sample ID: 20J0184-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
Chloromethane	ND	2.0	µg/L	1	V-05, V-34	SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-04, V-05	SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
cis-1,2-Dichloroethylene	14	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
Tetrachloroethylene	2.5	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
Trichloroethylene	62	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	4.2	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:20	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Whitesboro, NY | Sample Description: | Work Order: 20J0184

Date Received: 10/5/2020

Field Sample #: MW-04 | Sampled: 10/1/2020 12:21

Sample ID: 20J0184-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		81.0	70-130					10/6/20 18:20	
Toluene-d8		92.7	70-130					10/6/20 18:20	
4-Bromofluorobenzene		92.4	70-130					10/6/20 18:20	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Whitesboro, NY | Sample Description: | Work Order: 20J0184

Date Received: 10/5/2020

Field Sample #: MW-05 | Sampled: 10/1/2020 15:43

Sample ID: 20J0184-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
Chloromethane	ND	2.0	µg/L	1	V-05, V-34	SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-04, V-05	SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
Trichloroethylene	47	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 18:46	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Whitesboro, NY | Sample Description: | Work Order: 20J0184

Date Received: 10/5/2020

Field Sample #: MW-05 | Sampled: 10/1/2020 15:43

Sample ID: 20J0184-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		79.7	70-130					10/6/20 18:46	
Toluene-d8		94.4	70-130					10/6/20 18:46	
4-Bromofluorobenzene		92.3	70-130					10/6/20 18:46	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Whitesboro, NY | Sample Description: | Work Order: 20J0184

Date Received: 10/5/2020

Field Sample #: MW-6BR | Sampled: 10/1/2020 14:15

Sample ID: 20J0184-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
Chloromethane	ND	2.0	µg/L	1	V-05, V-34	SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-04, V-05	SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 15:43	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: Whitesboro, NY | Sample Description: | Work Order: 20J0184

Date Received: 10/5/2020

Field Sample #: MW-6BR | Sampled: 10/1/2020 14:15

Sample ID: 20J0184-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		80.8	70-130					10/6/20 15:43	
Toluene-d8		93.6	70-130					10/6/20 15:43	
4-Bromofluorobenzene		93.8	70-130					10/6/20 15:43	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Whitesboro, NY | Sample Description: | Work Order: 20J0184

Date Received: 10/5/2020

Field Sample #: MW-11R | Sampled: 10/1/2020 12:53

Sample ID: 20J0184-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
Chloromethane	ND	2.0	µg/L	1	V-05, V-34	SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-04, V-05	SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
cis-1,2-Dichloroethylene	1.3	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
1,1,1-Trichloroethane	1.5	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:09	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Whitesboro, NY | Sample Description: | Work Order: 20J0184

Date Received: 10/5/2020

Field Sample #: MW-11R | Sampled: 10/1/2020 12:53

Sample ID: 20J0184-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		81.0	70-130					10/6/20 16:09	
Toluene-d8		94.2	70-130					10/6/20 16:09	
4-Bromofluorobenzene		92.4	70-130					10/6/20 16:09	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Whitesboro, NY | Sample Description: | Work Order: 20J0184

Date Received: 10/5/2020

Field Sample #: MW-15R | Sampled: 10/1/2020 11:52

Sample ID: 20J0184-07

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	50	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
Bromodichloromethane	ND	50	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
Carbon Tetrachloride	ND	250	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
Chlorobenzene	ND	50	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
Chlorodibromomethane	ND	25	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
Chloroethane	ND	100	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
Chloroform	ND	100	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
Chloromethane	ND	100	µg/L	50	V-05, V-34	SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
2-Chlorotoluene	ND	50	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
4-Chlorotoluene	ND	50	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	250	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
1,2-Dichlorobenzene	ND	50	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
1,3-Dichlorobenzene	ND	50	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
1,4-Dichlorobenzene	ND	50	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
trans-1,4-Dichloro-2-butene	ND	100	µg/L	50	L-04, V-05	SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
Dichlorodifluoromethane (Freon 12)	ND	100	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
1,1-Dichloroethane	ND	50	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
1,2-Dichloroethane	ND	50	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
1,1-Dichloroethylene	ND	50	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
cis-1,2-Dichloroethylene	3800	50	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
trans-1,2-Dichloroethylene	100	50	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
1,2-Dichloropropane	ND	50	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
1,3-Dichloropropane	ND	25	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
2,2-Dichloropropane	ND	50	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
1,1-Dichloropropene	ND	100	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
cis-1,3-Dichloropropene	ND	25	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
trans-1,3-Dichloropropene	ND	25	µg/L	50	V-05	SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
Hexachlorobutadiene	ND	50	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
Methylene Chloride	ND	250	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
1,1,1,2-Tetrachloroethane	ND	50	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
1,1,2,2-Tetrachloroethane	ND	25	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
Tetrachloroethylene	ND	50	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
1,2,3-Trichlorobenzene	ND	250	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
1,2,4-Trichlorobenzene	ND	50	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
1,3,5-Trichlorobenzene	ND	50	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
1,1,1-Trichloroethane	ND	50	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
1,1,2-Trichloroethane	ND	50	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
Trichloroethylene	ND	50	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
Trichlorofluoromethane (Freon 11)	ND	100	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
1,2,3-Trichloropropane	ND	100	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	50	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD
Vinyl Chloride	1300	100	µg/L	50		SW-846 8260C-D	10/6/20	10/6/20 19:39	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Whitesboro, NY | Sample Description: | Work Order: 20J0184

Date Received: 10/5/2020

Field Sample #: MW-15R | Sampled: 10/1/2020 11:52

Sample ID: 20J0184-07

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		78.8	70-130					10/6/20 19:39	
Toluene-d8		92.6	70-130					10/6/20 19:39	
4-Bromofluorobenzene		92.8	70-130					10/6/20 19:39	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Whitesboro, NY | Sample Description: | Work Order: 20J0184

Date Received: 10/5/2020

Field Sample #: HRP-1 | Sampled: 10/1/2020 15:10

Sample ID: 20J0184-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
Chloromethane	ND	2.0	µg/L	1	V-05, V-34	SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-04, V-05	SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:54	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Whitesboro, NY | Sample Description: | Work Order: 20J0184

Date Received: 10/5/2020

Field Sample #: HRP-1 | Sampled: 10/1/2020 15:10

Sample ID: 20J0184-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		81.3	70-130					10/6/20 17:54	
Toluene-d8		92.8	70-130					10/6/20 17:54	
4-Bromofluorobenzene		93.9	70-130					10/6/20 17:54	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Whitesboro, NY | Sample Description: | Work Order: 20J0184

Date Received: 10/5/2020

Field Sample #: HRP-2 | Sampled: 10/1/2020 15:02

Sample ID: 20J0184-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
Chloromethane	ND	2.0	µg/L	1	V-05, V-34	SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05, L-04	SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
Trichloroethylene	1.8	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 16:35	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: Whitesboro, NY | Sample Description: | Work Order: 20J0184

Date Received: 10/5/2020

Field Sample #: HRP-2 | Sampled: 10/1/2020 15:02

Sample ID: 20J0184-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		81.6	70-130					10/6/20 16:35	
Toluene-d8		92.6	70-130					10/6/20 16:35	
4-Bromofluorobenzene		94.3	70-130					10/6/20 16:35	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Whitesboro, NY | Sample Description: | Work Order: 20J0184

Date Received: 10/5/2020

Field Sample #: HRP-BR-1 | Sampled: 10/1/2020 15:01

Sample ID: 20J0184-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
Chloromethane	ND	2.0	µg/L	1	V-05, V-34	SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-04, V-05	SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 17:01	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: Whitesboro, NY | Sample Description: | Work Order: 20J0184

Date Received: 10/5/2020

Field Sample #: HRP-BR-1 | Sampled: 10/1/2020 15:01

Sample ID: 20J0184-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		80.6	70-130					10/6/20 17:01	
Toluene-d8		92.8	70-130					10/6/20 17:01	
4-Bromofluorobenzene		93.9	70-130					10/6/20 17:01	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Whitesboro, NY | Sample Description: | Work Order: 20J0184

Date Received: 10/5/2020

Field Sample #: TB | Sampled: 10/1/2020 06:00

Sample ID: 20J0184-11

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
Chloromethane	ND	2.0	µg/L	1	V-05, V-34	SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-04, V-05	SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C-D	10/6/20	10/6/20 10:56	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 20J0184

Date Received: 10/5/2020

Field Sample #: TB | Sampled: 10/1/2020 06:00

Sample ID: 20J0184-11

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		80.0	70-130					10/6/20 10:56	
Toluene-d8		93.9	70-130					10/6/20 10:56	
4-Bromofluorobenzene		93.9	70-130					10/6/20 10:56	

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Sample Extraction Data

Prep Method: SW-846 5030B **Analytical Method: SW-846 8260C-D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20J0184-01 [MW-02]	B268011	5	5.00	10/06/20
20J0184-02 [MW-03]	B268011	5	5.00	10/06/20
20J0184-03 [MW-04]	B268011	5	5.00	10/06/20
20J0184-04 [MW-05]	B268011	5	5.00	10/06/20
20J0184-05 [MW-6BR]	B268011	5	5.00	10/06/20
20J0184-06 [MW-11R]	B268011	5	5.00	10/06/20
20J0184-07 [MW-15R]	B268011	0.1	5.00	10/06/20
20J0184-08 [HRP-1]	B268011	5	5.00	10/06/20
20J0184-09 [HRP-2]	B268011	5	5.00	10/06/20
20J0184-10 [HRP-BR-1]	B268011	5	5.00	10/06/20
20J0184-11 [TB]	B268011	5	5.00	10/06/20

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B268011 - SW-846 5030B										
Blank (B268011-BLK1)				Prepared & Analyzed: 10/06/20						
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	1.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							V-05, V-34
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							V-05, L-04
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							V-05
Hexachlorobutadiene	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,3,5-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*20.2*		µg/L	25.0		80.9	70-130			
Surrogate: Toluene-d8	*23.2*		µg/L	25.0		92.7	70-130			
Surrogate: 4-Bromofluorobenzene	*23.7*		µg/L	25.0		94.8	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B268011 - SW-846 5030B												
LCS (B268011-BS1)				Prepared & Analyzed: 10/06/20								
Bromochloromethane	10.8	1.0	µg/L	10.0		108		70-130				
Bromodichloromethane	8.41	1.0	µg/L	10.0		84.1		70-130				
Carbon Tetrachloride	8.75	5.0	µg/L	10.0		87.5		70-130				
Chlorobenzene	10.9	1.0	µg/L	10.0		109		70-130				
Chlorodibromomethane	8.81	0.50	µg/L	10.0		88.1		70-130				
Chloroethane	9.33	2.0	µg/L	10.0		93.3		70-130				
Chloroform	9.29	2.0	µg/L	10.0		92.9		70-130				
Chloromethane	6.70	2.0	µg/L	10.0		67.0		40-160			V-05, V-34	†
2-Chlorotoluene	10.1	1.0	µg/L	10.0		101		70-130				
4-Chlorotoluene	9.89	1.0	µg/L	10.0		98.9		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	7.82	5.0	µg/L	10.0		78.2		70-130				
1,2-Dichlorobenzene	9.84	1.0	µg/L	10.0		98.4		70-130				
1,3-Dichlorobenzene	10.1	1.0	µg/L	10.0		101		70-130				
1,4-Dichlorobenzene	10.0	1.0	µg/L	10.0		100		70-130				
trans-1,4-Dichloro-2-butene	6.87	2.0	µg/L	10.0		**68.7**	*	70-130			V-05, L-04	
Dichlorodifluoromethane (Freon 12)	7.89	2.0	µg/L	10.0		78.9		40-160				†
1,1-Dichloroethane	9.76	1.0	µg/L	10.0		97.6		70-130				
1,2-Dichloroethane	8.11	1.0	µg/L	10.0		81.1		70-130				
1,1-Dichloroethylene	9.22	1.0	µg/L	10.0		92.2		70-130				
cis-1,2-Dichloroethylene	9.95	1.0	µg/L	10.0		99.5		70-130				
trans-1,2-Dichloroethylene	9.54	1.0	µg/L	10.0		95.4		70-130				
1,2-Dichloropropane	9.87	1.0	µg/L	10.0		98.7		70-130				
1,3-Dichloropropane	9.19	0.50	µg/L	10.0		91.9		70-130				
2,2-Dichloropropane	8.96	1.0	µg/L	10.0		89.6		40-130				†
1,1-Dichloropropene	9.67	2.0	µg/L	10.0		96.7		70-130				
cis-1,3-Dichloropropene	8.25	0.50	µg/L	10.0		82.5		70-130				
trans-1,3-Dichloropropene	7.68	0.50	µg/L	10.0		76.8		70-130			V-05	
Hexachlorobutadiene	9.18	1.0	µg/L	10.0		91.8		70-130				
Methylene Chloride	10.2	5.0	µg/L	10.0		102		70-130				
1,1,1,2-Tetrachloroethane	10.7	1.0	µg/L	10.0		107		70-130				
1,1,2,2-Tetrachloroethane	10.2	0.50	µg/L	10.0		102		70-130				
Tetrachloroethylene	9.97	1.0	µg/L	10.0		99.7		70-130				
1,2,3-Trichlorobenzene	8.64	5.0	µg/L	10.0		86.4		70-130				
1,2,4-Trichlorobenzene	9.30	1.0	µg/L	10.0		93.0		70-130				
1,3,5-Trichlorobenzene	9.69	1.0	µg/L	10.0		96.9		70-130				
1,1,1-Trichloroethane	9.09	1.0	µg/L	10.0		90.9		70-130				
1,1,2-Trichloroethane	9.59	1.0	µg/L	10.0		95.9		70-130				
Trichloroethylene	9.66	1.0	µg/L	10.0		96.6		70-130				
Trichlorofluoromethane (Freon 11)	8.66	2.0	µg/L	10.0		86.6		70-130				
1,2,3-Trichloropropane	10.5	2.0	µg/L	10.0		105		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.64	1.0	µg/L	10.0		96.4		70-130				
Vinyl Chloride	9.66	2.0	µg/L	10.0		96.6		40-160				†
Surrogate: 1,2-Dichloroethane-d4	*19.8*		µg/L	25.0		79.4		70-130				
Surrogate: Toluene-d8	*23.5*		µg/L	25.0		93.9		70-130				
Surrogate: 4-Bromofluorobenzene	*24.0*		µg/L	25.0		95.9		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B268011 - SW-846 5030B												
LCS Dup (B268011-BSD1)				Prepared & Analyzed: 10/06/20								
Bromochloromethane	11.2	1.0	µg/L	10.0		112		70-130	3.53	25		
Bromodichloromethane	8.64	1.0	µg/L	10.0		86.4		70-130	2.70	25		
Carbon Tetrachloride	8.63	5.0	µg/L	10.0		86.3		70-130	1.38	25		
Chlorobenzene	10.8	1.0	µg/L	10.0		108		70-130	0.644	25		
Chlorodibromomethane	9.24	0.50	µg/L	10.0		92.4		70-130	4.76	25		
Chloroethane	9.55	2.0	µg/L	10.0		95.5		70-130	2.33	25		
Chloroform	9.34	2.0	µg/L	10.0		93.4		70-130	0.537	25		
Chloromethane	6.58	2.0	µg/L	10.0		65.8		40-160	1.81	25	V-05, V-34	†
2-Chlorotoluene	10.0	1.0	µg/L	10.0		100		70-130	0.991	25		
4-Chlorotoluene	10.0	1.0	µg/L	10.0		100		70-130	1.41	25		
1,2-Dibromo-3-chloropropane (DBCP)	7.99	5.0	µg/L	10.0		79.9		70-130	2.15	25		
1,2-Dichlorobenzene	10.1	1.0	µg/L	10.0		101		70-130	2.51	25		
1,3-Dichlorobenzene	10.1	1.0	µg/L	10.0		101		70-130	0.593	25		
1,4-Dichlorobenzene	10.1	1.0	µg/L	10.0		101		70-130	0.298	25		
trans-1,4-Dichloro-2-butene	6.42	2.0	µg/L	10.0		**64.2**	*	70-130	6.77	25	L-04, V-05	
Dichlorodifluoromethane (Freon 12)	7.91	2.0	µg/L	10.0		79.1		40-160	0.253	25		†
1,1-Dichloroethane	9.94	1.0	µg/L	10.0		99.4		70-130	1.83	25		
1,2-Dichloroethane	8.13	1.0	µg/L	10.0		81.3		70-130	0.246	25		
1,1-Dichloroethylene	9.34	1.0	µg/L	10.0		93.4		70-130	1.29	25		
cis-1,2-Dichloroethylene	9.79	1.0	µg/L	10.0		97.9		70-130	1.62	25		
trans-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101		70-130	5.80	25		
1,2-Dichloropropane	10.3	1.0	µg/L	10.0		103		70-130	4.17	25		
1,3-Dichloropropane	9.48	0.50	µg/L	10.0		94.8		70-130	3.11	25		
2,2-Dichloropropane	8.73	1.0	µg/L	10.0		87.3		40-130	2.60	25		†
1,1-Dichloropropene	9.86	2.0	µg/L	10.0		98.6		70-130	1.95	25		
cis-1,3-Dichloropropene	8.43	0.50	µg/L	10.0		84.3		70-130	2.16	25		
trans-1,3-Dichloropropene	7.98	0.50	µg/L	10.0		79.8		70-130	3.83	25	V-05	
Hexachlorobutadiene	9.18	1.0	µg/L	10.0		91.8		70-130	0.00	25		
Methylene Chloride	10.1	5.0	µg/L	10.0		101		70-130	1.38	25		
1,1,1,2-Tetrachloroethane	10.5	1.0	µg/L	10.0		105		70-130	1.80	25		
1,1,2,2-Tetrachloroethane	10.3	0.50	µg/L	10.0		103		70-130	1.46	25		
Tetrachloroethylene	10.1	1.0	µg/L	10.0		101		70-130	1.10	25		
1,2,3-Trichlorobenzene	8.79	5.0	µg/L	10.0		87.9		70-130	1.72	25		
1,2,4-Trichlorobenzene	9.44	1.0	µg/L	10.0		94.4		70-130	1.49	25		
1,3,5-Trichlorobenzene	9.76	1.0	µg/L	10.0		97.6		70-130	0.720	25		
1,1,1-Trichloroethane	9.20	1.0	µg/L	10.0		92.0		70-130	1.20	25		
1,1,2-Trichloroethane	9.74	1.0	µg/L	10.0		97.4		70-130	1.55	25		
Trichloroethylene	10.0	1.0	µg/L	10.0		100		70-130	3.46	25		
Trichlorofluoromethane (Freon 11)	8.15	2.0	µg/L	10.0		81.5		70-130	6.07	25		
1,2,3-Trichloropropane	10.9	2.0	µg/L	10.0		109		70-130	3.54	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.79	1.0	µg/L	10.0		97.9		70-130	1.54	25		
Vinyl Chloride	9.71	2.0	µg/L	10.0		97.1		40-160	0.516	25		†
Surrogate: 1,2-Dichloroethane-d4	*20.0*		µg/L	25.0		80.1		70-130				
Surrogate: Toluene-d8	*23.7*		µg/L	25.0		94.9		70-130				
Surrogate: 4-Bromofluorobenzene	*23.7*		µg/L	25.0		94.8		70-130				

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
RL-11	Elevated reporting limit due to high concentration of target compounds.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-34	Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C-D in Water	
Bromochloromethane	NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
2-Chlorotoluene	NY,ME,VA
4-Chlorotoluene	NY,ME,VA
1,2-Dibromo-3-chloropropane (DBCP)	NY
1,2-Dichlorobenzene	CT,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
trans-1,4-Dichloro-2-butene	NH,NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,3-Dichloropropane	NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
Hexachlorobutadiene	CT,NH,NY,ME,VA
Methylene Chloride	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
Tetrachloroethylene	NY,ME,VA
1,2,3-Trichlorobenzene	NH,NY,ME,VA
1,2,4-Trichlorobenzene	CT,NH,NY,ME,VA
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY,VA
Vinyl Chloride	CT,NH,NY,ME,VA

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The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2022
MA	Massachusetts DEP	M-MA100	06/30/2021
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2021
NY	New York State Department of Health	10899 NELAP	04/1/2021
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2021
RI	Rhode Island Department of Health	LAO00112	12/30/2020
NC	North Carolina Div. of Water Quality	652	12/31/2020
NJ	New Jersey DEP	MA007 NELAP	06/30/2021
FL	Florida Department of Health	E871027 NELAP	06/30/2021
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2021
ME	State of Maine	2011028	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2020
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2021
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2021
NC-DW	North Carolina Department of Health	25703	07/31/2021
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2021
MI	Dept. of Env, Great Lakes, and Energy	9100	09/6/2021

2050184

con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 2_06262019

Page 1 of 1

Company Name:	HRP Assoc Inc
Address:	197 South Swamp Rd
Phone:	Farmington, CT 06032
Project Name:	2 Halsey Rd
Project Location:	Whitesboro, NY
Project Number:	WHI6526P2
Project Manager:	Brian Lowry
Con-Test Quote Name/Number:	
Invoice Recipient:	HRP Assoc Inc
Sampled By:	CW, ICG

Requested Turnaround Time

7-Day ☐ 10-Day ☐
PFAS 10-Day (std) ☐ Due Date: 5-day

Rush Approval Required

1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Dissolved Metals Samples

○ Field Filtered
○ Lab to Filter

Orthophosphate Samples

○ Field Filtered
○ Lab to Filter

Data Delivery

Format: PDF ☐ EXCEL ☐
Other:
CLP Like Data Pkg Required: ☐
Email To: GDD@hrpassociates.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	H Chlorinated VOC's
1	MW-02	10/1/20	10:59	G	GW	U	3					X
2	MW-03		11:25									
3	MW-04		12:21									
4	MW-05		3:43									
5	MW-6BR		2:15									
6	MW-11R		12:53									
7	MW-15R		11:52									
8	HRP-1		3:10									
9	HRP-2		3:02									
10	HRP-DE-1		3:01									
11	TB		6:00									

Client Comments:

Relinquished by: (signature)	Date/Time:
	10/5/20 1:05
Received by: (signature)	Date/Time:
	10/5/20 1:05
Relinquished by: (signature)	Date/Time:
	10/5/20 5:30
Received by: (signature)	Date/Time: 10/5/2020 1735
Relinquished by: (signature)	Date/Time: 10/5/2020 1850
Received by: (signature)	Date/Time:
	10/5/20 1850
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements

MA
GW

Other: NY GA

Special Requirements

☐ MA MCP Required
☐ MCP Certification Form Required
☐ CT RCP Required
☐ RCP Certification Form Required
☐ MA State DW Required
PWSID #

NELAC and AIHA-LAP, LLC Accredited

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Project Entity

Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ 21 J ☐ School ☐
City ☐ Brownfield ☐ MBTA ☐

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

[2] Preservation Code

Contest Use Only

Total Number Of:
VIALS 11 (32)
GLASS
PLASTIC
BACTERIA
ENCORE

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N

*Contest is not responsible for missing samples from prepacked coolers

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Comments:

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con Test values your partnership on each project and will try to assist with missing information, but will not b held accountable.

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I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client HRP

Received By _____ Date 10/5/20 Time 1850

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____ Direct from Sampling _____ Ambient _____ Melted Ice _____

Were samples within Temperature? 2-6°C T By Gun # 4 Actual Temp - 4.4 By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? N/a Were Samples Tampered with? N/a

Was COC Relinquished ? T Does Chain Agree With Samples? T

Are there broken/leaking/loose caps on any samples? F

Is COC in ink/ Legible? T Were samples received within holding time? T

Did COC include all pertinent Information? Client T Project T Analysis T ID's T Sampler Name T Collection Dates/Times T

Are Sample labels filled out and legible? T

Are there Lab to Filters? F Who was notified? _____

Are there Rushes? F Who was notified? _____

Are there Short Holds? F Who was notified? _____

Is there enough Volume? T

Is there Headspace where applicable? T MS/MSD? F

Proper Media/Containers Used? T Is splitting samples required? F

Were trip blanks received? T On COC? T

Do all samples have the proper pH? Acid N/a Base N/a

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-	32	500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

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June 1, 2021

Brian Lowry
HRP Associates, Inc. (Private)
197 Scott Swamp Road
Farmington, CT 06032

Project Location: 8273 Halsey Rd, Whitesboro, NY
Client Job Number:
Project Number: WH16527.RA
Laboratory Work Order Number: 21E1512

Enclosed are results of analyses for samples received by the laboratory on May 26, 2021. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kerry K. McGee
Project Manager

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

HRP Associates, Inc. (Private)
197 Scott Swamp Road
Farmington, CT 06032
ATTN: Brian Lowry

REPORT DATE: 6/1/2021

PURCHASE ORDER NUMBER:

PROJECT NUMBER: WH16527.RA

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 21E1512

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: 8273 Halsey Rd, Whitesboro, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
EXT-NE-4 (3-5)	21E1512-01	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-NE-4 (7-9)	21E1512-02	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-NE-5 (1-3)	21E1512-03	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-NE-5 (5-7)	21E1512-04	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-NE-6 (3-5)	21E1512-05	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-NE-6 (7-9)	21E1512-06	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-NE-7 (1-3)	21E1512-07	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-NE-7 (5-7)	21E1512-08	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-NE-8 (3-5)	21E1512-09	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-NE-8 (8-10)	21E1512-10	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-NE-9 (3-5)	21E1512-11	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-NE-9 (5-7)	21E1512-12	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-W-3 (1-3)	21E1512-13	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-W-3 (5-7)	21E1512-14	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-W-4 (2-4)	21E1512-15	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-W-4 (5-7)	21E1512-16	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-W-5 (2-4)	21E1512-17	Soil		SM 2540G	
				SW-846 8260C-D	
TRIP BLANK	21E1512-18	Trip Blank Soil		SW-846 8260C-D	

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CASE NARRATIVE SUMMARY

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

SW-846 8260C-D

Qualifications:

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

21E1512-10[EXT-NE-8 (8-10)], 21E1512-13[EXT-W-3 (1-3)], 21E1512-15[EXT-W-4 (2-4)]

V-05

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

Analyte & Samples(s) Qualified:

trans-1,4-Dichloro-2-butene

21E1512-01[EXT-NE-4 (3-5)], 21E1512-03[EXT-NE-5 (1-3)], 21E1512-04[EXT-NE-5 (5-7)], 21E1512-05[EXT-NE-6 (3-5)], 21E1512-07[EXT-NE-7 (1-3)], 21E1512-09[EXT-NE-8 (3-5)], 21E1512-11[EXT-NE-9 (3-5)], 21E1512-12[EXT-NE-9 (5-7)], 21E1512-16[EXT-W-4 (5-7)], 21E1512-18[TRIP BLANK], B282927-BLK1, B282927-BS1, B282927-BSD1

V-20

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

Analyte & Samples(s) Qualified:

Hexachlorobutadiene

B282904-BS1, B282904-BSD1

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



Lisa A. Worthington
Technical Representative

con-test® A Pace Analytical® Laboratory

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

Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-4 (3-5) Sampled: 5/24/2021 13:05

Sample ID: 21E1512-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
Bromodichloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
Carbon Tetrachloride	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
Chlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
Chlorodibromomethane	ND	0.00099	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
Chloroethane	ND	0.020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
Chloroform	ND	0.0039	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
Chloromethane	ND	0.0099	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
trans-1,4-Dichloro-2-butene	ND	0.0039	mg/Kg dry	1	V-05	SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
1,1-Dichloroethylene	ND	0.0039	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
1,3-Dichloropropane	ND	0.00099	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
cis-1,3-Dichloropropene	ND	0.00099	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
trans-1,3-Dichloropropene	ND	0.00099	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
Methylene Chloride	ND	0.020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
1,1,2,2-Tetrachloroethane	ND	0.00099	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
Trichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0099	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0099	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF
Vinyl Chloride	ND	0.0099	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:00	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-4 (3-5) Sampled: 5/24/2021 13:05

Sample ID: 21E1512-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		98.1	70-130					5/27/21 7:00	
Toluene-d8		94.6	70-130					5/27/21 7:00	
4-Bromofluorobenzene		96.3	70-130					5/27/21 7:00	

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-4 (3-5) Sampled: 5/24/2021 13:05

Sample ID: 21E1512-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	79.7		% Wt	1		SM 2540G	5/27/21	5/28/21 8:52	GLH

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-4 (7-9) Sampled: 5/24/2021 13:10

Sample ID: 21E1512-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.037	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
Bromodichloromethane	ND	0.037	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
Carbon Tetrachloride	ND	0.037	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
Chlorobenzene	ND	0.037	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
Chlorodibromomethane	ND	0.018	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
Chloroethane	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
Chloroform	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
Chloromethane	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
2-Chlorotoluene	ND	0.037	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
4-Chlorotoluene	ND	0.037	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.18	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
1,2-Dichlorobenzene	ND	0.037	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
1,3-Dichlorobenzene	ND	0.037	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
1,4-Dichlorobenzene	ND	0.037	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
trans-1,4-Dichloro-2-butene	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
1,1-Dichloroethane	ND	0.037	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
1,2-Dichloroethane	ND	0.037	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
1,1-Dichloroethylene	ND	0.037	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
cis-1,2-Dichloroethylene	ND	0.037	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
trans-1,2-Dichloroethylene	ND	0.037	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
1,2-Dichloropropane	ND	0.037	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
1,3-Dichloropropane	ND	0.018	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
2,2-Dichloropropane	ND	0.037	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
1,1-Dichloropropene	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
cis-1,3-Dichloropropene	ND	0.018	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
trans-1,3-Dichloropropene	ND	0.018	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
Hexachlorobutadiene	ND	0.037	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
Methylene Chloride	ND	0.18	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
1,1,1,2-Tetrachloroethane	ND	0.037	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
1,1,2,2-Tetrachloroethane	ND	0.018	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
Tetrachloroethylene	ND	0.037	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
1,2,3-Trichlorobenzene	ND	0.18	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
1,2,4-Trichlorobenzene	ND	0.037	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
1,3,5-Trichlorobenzene	ND	0.037	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
1,1,1-Trichloroethane	ND	0.037	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
1,1,2-Trichloroethane	ND	0.037	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
Trichloroethylene	ND	0.037	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
Trichlorofluoromethane (Freon 11)	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
1,2,3-Trichloropropane	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.037	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH
Vinyl Chloride	ND	0.073	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:02	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-4 (7-9) Sampled: 5/24/2021 13:10

Sample ID: 21E1512-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		107	70-130					5/27/21 16:02	
Toluene-d8		103	70-130					5/27/21 16:02	
4-Bromofluorobenzene		102	70-130					5/27/21 16:02	

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

Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-4 (7-9) Sampled: 5/24/2021 13:10

Sample ID: 21E1512-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.2		% Wt	1		SM 2540G	5/27/21	5/28/21 8:52	GLH

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

Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-5 (1-3) Sampled: 5/24/2021 13:20

Sample ID: 21E1512-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
Bromodichloromethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
Carbon Tetrachloride	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
Chlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
Chlorodibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
Chloroethane	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
Chloroform	ND	0.0050	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
Chloromethane	ND	0.012	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
2-Chlorotoluene	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
4-Chlorotoluene	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
1,2-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
1,3-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
1,4-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
trans-1,4-Dichloro-2-butene	ND	0.0050	mg/Kg dry	1	V-05	SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
1,1-Dichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
1,2-Dichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
1,1-Dichloroethylene	ND	0.0050	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
cis-1,2-Dichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
trans-1,2-Dichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
1,2-Dichloropropane	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
2,2-Dichloropropane	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
1,1-Dichloropropene	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
Hexachlorobutadiene	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
Methylene Chloride	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
1,1,1,2-Tetrachloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
Tetrachloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
1,2,3-Trichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
1,2,4-Trichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
1,3,5-Trichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
1,1,1-Trichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
1,1,2-Trichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
Trichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
1,2,3-Trichloropropane	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 7:49	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-5 (1-3) Sampled: 5/24/2021 13:20

Sample ID: 21E1512-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		97.0	70-130					5/27/21 7:49	
Toluene-d8		96.4	70-130					5/27/21 7:49	
4-Bromofluorobenzene		94.0	70-130					5/27/21 7:49	

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

Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-5 (1-3) Sampled: 5/24/2021 13:20

Sample ID: 21E1512-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	75.6		% Wt	1		SM 2540G	5/27/21	5/28/21 8:52	GLH

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

Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-5 (5-7) Sampled: 5/24/2021 13:25

Sample ID: 21E1512-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
Bromodichloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
Carbon Tetrachloride	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
Chlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
Chlorodibromomethane	ND	0.00097	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
Chloroethane	ND	0.019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
Chloroform	ND	0.0039	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
Chloromethane	ND	0.0097	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
2-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
4-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
1,2-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
1,3-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
1,4-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
trans-1,4-Dichloro-2-butene	ND	0.0039	mg/Kg dry	1	V-05	SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
1,1-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
1,2-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
1,1-Dichloroethylene	ND	0.0039	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
cis-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
trans-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
1,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
1,3-Dichloropropane	ND	0.00097	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
2,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
1,1-Dichloropropene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
cis-1,3-Dichloropropene	ND	0.00097	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
trans-1,3-Dichloropropene	ND	0.00097	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
Hexachlorobutadiene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
Methylene Chloride	ND	0.019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
1,1,1,2-Tetrachloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
1,1,2,2-Tetrachloroethane	ND	0.00097	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
Tetrachloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
1,2,3-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
1,2,4-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
1,3,5-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
1,1,1-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
1,1,2-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
Trichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0097	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
1,2,3-Trichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0097	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF
Vinyl Chloride	ND	0.0097	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:13	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-5 (5-7) Sampled: 5/24/2021 13:25

Sample ID: 21E1512-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		96.6	70-130					5/27/21 8:13	
Toluene-d8		96.9	70-130					5/27/21 8:13	
4-Bromofluorobenzene		97.0	70-130					5/27/21 8:13	

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

Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-5 (5-7) Sampled: 5/24/2021 13:25

Sample ID: 21E1512-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	76.2		% Wt	1		SM 2540G	5/27/21	5/28/21 8:52	GLH

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-6 (3-5) Sampled: 5/24/2021 13:35

Sample ID: 21E1512-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
Bromodichloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
Carbon Tetrachloride	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
Chlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
Chlorodibromomethane	ND	0.00093	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
Chloroethane	ND	0.019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
Chloroform	ND	0.0037	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
Chloromethane	ND	0.0093	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
2-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
4-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
1,2-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
1,3-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
1,4-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
trans-1,4-Dichloro-2-butene	ND	0.0037	mg/Kg dry	1	V-05	SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
1,1-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
1,2-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
1,1-Dichloroethylene	ND	0.0037	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
cis-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
trans-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
1,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
1,3-Dichloropropane	ND	0.00093	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
2,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
1,1-Dichloropropene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
cis-1,3-Dichloropropene	ND	0.00093	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
trans-1,3-Dichloropropene	ND	0.00093	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
Hexachlorobutadiene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
Methylene Chloride	ND	0.019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
1,1,1,2-Tetrachloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
1,1,2,2-Tetrachloroethane	ND	0.00093	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
Tetrachloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
1,2,3-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
1,2,4-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
1,3,5-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
1,1,1-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
1,1,2-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
Trichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0093	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
1,2,3-Trichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0093	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF
Vinyl Chloride	ND	0.0093	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 8:38	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-6 (3-5) Sampled: 5/24/2021 13:35

Sample ID: 21E1512-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		99.0	70-130					5/27/21 8:38	
Toluene-d8		96.7	70-130					5/27/21 8:38	
4-Bromofluorobenzene		96.5	70-130					5/27/21 8:38	

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-6 (3-5) Sampled: 5/24/2021 13:35

Sample ID: 21E1512-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.7		% Wt	1		SM 2540G	5/27/21	5/28/21 8:53	GLH

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-6 (7-9) Sampled: 5/24/2021 13:40

Sample ID: 21E1512-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
Bromodichloromethane	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
Carbon Tetrachloride	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
Chlorobenzene	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
Chlorodibromomethane	ND	0.013	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
Chloroethane	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
Chloroform	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
Chloromethane	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
2-Chlorotoluene	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
4-Chlorotoluene	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.13	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
1,2-Dichlorobenzene	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
1,3-Dichlorobenzene	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
1,4-Dichlorobenzene	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
trans-1,4-Dichloro-2-butene	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
1,1-Dichloroethane	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
1,2-Dichloroethane	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
1,1-Dichloroethylene	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
cis-1,2-Dichloroethylene	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
trans-1,2-Dichloroethylene	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
1,2-Dichloropropane	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
1,3-Dichloropropane	ND	0.013	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
2,2-Dichloropropane	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
1,1-Dichloropropene	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
cis-1,3-Dichloropropene	ND	0.013	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
trans-1,3-Dichloropropene	ND	0.013	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
Hexachlorobutadiene	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
Methylene Chloride	ND	0.13	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
1,1,1,2-Tetrachloroethane	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
1,1,2,2-Tetrachloroethane	ND	0.013	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
Tetrachloroethylene	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
1,2,3-Trichlorobenzene	ND	0.13	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
1,2,4-Trichlorobenzene	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
1,3,5-Trichlorobenzene	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
1,1,1-Trichloroethane	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
1,1,2-Trichloroethane	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
Trichloroethylene	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
Trichlorofluoromethane (Freon 11)	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
1,2,3-Trichloropropane	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH
Vinyl Chloride	0.25	0.051	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:26	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-6 (7-9) Sampled: 5/24/2021 13:40

Sample ID: 21E1512-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		107	70-130					5/27/21 16:26	
Toluene-d8		105	70-130					5/27/21 16:26	
4-Bromofluorobenzene		103	70-130					5/27/21 16:26	

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-6 (7-9) Sampled: 5/24/2021 13:40

Sample ID: 21E1512-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.6		% Wt	1		SM 2540G	5/27/21	5/28/21 8:53	GLH

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-7 (1-3) Sampled: 5/24/2021 14:00

Sample ID: 21E1512-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
Bromodichloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
Carbon Tetrachloride	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
Chlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
Chlorodibromomethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
Chloroethane	ND	0.021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
Chloroform	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
Chloromethane	ND	0.010	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
2-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
4-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
1,2-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
1,3-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
1,4-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
trans-1,4-Dichloro-2-butene	ND	0.0042	mg/Kg dry	1	V-05	SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
1,1-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
1,2-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
1,1-Dichloroethylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
cis-1,2-Dichloroethylene	0.016	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
trans-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
1,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
2,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
1,1-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
Methylene Chloride	ND	0.021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
Tetrachloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
1,2,3-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
1,2,4-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
1,3,5-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
1,1,1-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
1,1,2-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
Trichloroethylene	0.036	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
1,2,3-Trichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF
Vinyl Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:27	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-7 (1-3) Sampled: 5/24/2021 14:00

Sample ID: 21E1512-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		101	70-130					5/27/21 9:27	
Toluene-d8		96.2	70-130					5/27/21 9:27	
4-Bromofluorobenzene		97.1	70-130					5/27/21 9:27	

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-7 (1-3) Sampled: 5/24/2021 14:00

Sample ID: 21E1512-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.9		% Wt	1		SM 2540G	5/27/21	5/28/21 8:53	GLH

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-7 (5-7) Sampled: 5/24/2021 14:15

Sample ID: 21E1512-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.033	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
Bromodichloromethane	ND	0.033	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
Carbon Tetrachloride	ND	0.033	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
Chlorobenzene	ND	0.033	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
Chlorodibromomethane	ND	0.017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
Chloroethane	ND	0.067	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
Chloroform	ND	0.067	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
Chloromethane	ND	0.067	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
2-Chlorotoluene	ND	0.033	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
4-Chlorotoluene	ND	0.033	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.17	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
1,2-Dichlorobenzene	ND	0.033	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
1,3-Dichlorobenzene	ND	0.033	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
1,4-Dichlorobenzene	ND	0.033	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
trans-1,4-Dichloro-2-butene	ND	0.067	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.067	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
1,1-Dichloroethane	ND	0.033	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
1,2-Dichloroethane	ND	0.033	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
1,1-Dichloroethylene	ND	0.033	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
cis-1,2-Dichloroethylene	1.5	0.033	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
trans-1,2-Dichloroethylene	ND	0.033	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
1,2-Dichloropropane	ND	0.033	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
1,3-Dichloropropane	ND	0.017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
2,2-Dichloropropane	ND	0.033	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
1,1-Dichloropropene	ND	0.067	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
cis-1,3-Dichloropropene	ND	0.017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
trans-1,3-Dichloropropene	ND	0.017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
Hexachlorobutadiene	ND	0.033	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
Methylene Chloride	ND	0.17	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
1,1,1,2-Tetrachloroethane	ND	0.033	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
1,1,2,2-Tetrachloroethane	ND	0.017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
Tetrachloroethylene	ND	0.033	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
1,2,3-Trichlorobenzene	ND	0.17	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
1,2,4-Trichlorobenzene	ND	0.033	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
1,3,5-Trichlorobenzene	ND	0.033	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
1,1,1-Trichloroethane	ND	0.033	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
1,1,2-Trichloroethane	ND	0.033	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
Trichloroethylene	ND	0.033	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
Trichlorofluoromethane (Freon 11)	ND	0.067	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
1,2,3-Trichloropropane	ND	0.067	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.033	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH
Vinyl Chloride	1.2	0.067	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 16:50	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-7 (5-7) Sampled: 5/24/2021 14:15

Sample ID: 21E1512-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		107	70-130					5/27/21 16:50	
Toluene-d8		105	70-130					5/27/21 16:50	
4-Bromofluorobenzene		102	70-130					5/27/21 16:50	

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-7 (5-7) Sampled: 5/24/2021 14:15

Sample ID: 21E1512-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.6		% Wt	1		SM 2540G	5/27/21	5/28/21 8:53	GLH

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-8 (3-5) Sampled: 5/24/2021 14:10

Sample ID: 21E1512-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
Bromodichloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
Carbon Tetrachloride	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
Chlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
Chlorodibromomethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
Chloroethane	ND	0.021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
Chloroform	ND	0.0041	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
Chloromethane	ND	0.010	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
2-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
4-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
1,2-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
1,3-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
1,4-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
trans-1,4-Dichloro-2-butene	ND	0.0041	mg/Kg dry	1	V-05	SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
1,1-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
1,2-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
1,1-Dichloroethylene	ND	0.0041	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
cis-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
trans-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
1,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
2,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
1,1-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
Methylene Chloride	ND	0.021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
Tetrachloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
1,2,3-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
1,2,4-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
1,3,5-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
1,1,1-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
1,1,2-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
Trichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
1,2,3-Trichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF
Vinyl Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 9:51	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-8 (3-5) Sampled: 5/24/2021 14:10

Sample ID: 21E1512-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		98.3	70-130					5/27/21 9:51	
Toluene-d8		95.4	70-130					5/27/21 9:51	
4-Bromofluorobenzene		97.5	70-130					5/27/21 9:51	

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-8 (3-5) Sampled: 5/24/2021 14:10

Sample ID: 21E1512-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.7		% Wt	1		SM 2540G	5/27/21	5/28/21 8:53	GLH

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-8 (8-10) Sampled: 5/24/2021 14:15

Sample ID: 21E1512-10

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.29	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
Bromodichloromethane	ND	0.29	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
Carbon Tetrachloride	ND	0.29	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
Chlorobenzene	ND	0.29	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
Chlorodibromomethane	ND	0.15	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
Chloroethane	ND	0.59	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
Chloroform	ND	0.59	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
Chloromethane	ND	0.59	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
2-Chlorotoluene	ND	0.29	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
4-Chlorotoluene	ND	0.29	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.5	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
1,2-Dichlorobenzene	ND	0.29	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
1,3-Dichlorobenzene	ND	0.29	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
1,4-Dichlorobenzene	ND	0.29	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
trans-1,4-Dichloro-2-butene	ND	0.59	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.59	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
1,1-Dichloroethane	ND	0.29	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
1,2-Dichloroethane	ND	0.29	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
1,1-Dichloroethylene	ND	0.29	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
cis-1,2-Dichloroethylene	12	0.29	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
trans-1,2-Dichloroethylene	1.1	0.29	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
1,2-Dichloropropane	ND	0.29	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
1,3-Dichloropropane	ND	0.15	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
2,2-Dichloropropane	ND	0.29	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
1,1-Dichloropropene	ND	0.59	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
cis-1,3-Dichloropropene	ND	0.15	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
trans-1,3-Dichloropropene	ND	0.15	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
Hexachlorobutadiene	ND	0.29	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
Methylene Chloride	ND	1.5	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
1,1,1,2-Tetrachloroethane	ND	0.29	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
1,1,2,2-Tetrachloroethane	ND	0.15	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
Tetrachloroethylene	ND	0.29	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
1,2,3-Trichlorobenzene	ND	1.5	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
1,2,4-Trichlorobenzene	ND	0.29	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
1,3,5-Trichlorobenzene	ND	0.29	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
1,1,1-Trichloroethane	ND	0.29	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
1,1,2-Trichloroethane	ND	0.29	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
Trichloroethylene	1.3	0.29	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
Trichlorofluoromethane (Freon 11)	ND	0.59	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
1,2,3-Trichloropropane	ND	0.59	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.29	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH
Vinyl Chloride	ND	0.59	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:02	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-8 (8-10) Sampled: 5/24/2021 14:15

Sample ID: 21E1512-10

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		106	70-130					5/27/21 18:02	
Toluene-d8		104	70-130					5/27/21 18:02	
4-Bromofluorobenzene		104	70-130					5/27/21 18:02	

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-8 (8-10) Sampled: 5/24/2021 14:15

Sample ID: 21E1512-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.7		% Wt	1		SM 2540G	5/27/21	5/28/21 8:53	GLH

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-9 (3-5) Sampled: 5/24/2021 14:30

Sample ID: 21E1512-11

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
Bromodichloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
Carbon Tetrachloride	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
Chlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
Chlorodibromomethane	ND	0.00095	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
Chloroethane	ND	0.019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
Chloroform	ND	0.0038	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
Chloromethane	ND	0.0095	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
2-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
4-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
1,2-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
1,3-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
1,4-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
trans-1,4-Dichloro-2-butene	ND	0.0038	mg/Kg dry	1	V-05	SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
1,1-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
1,2-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
1,1-Dichloroethylene	ND	0.0038	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
cis-1,2-Dichloroethylene	0.0091	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
trans-1,2-Dichloroethylene	0.0021	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
1,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
1,3-Dichloropropane	ND	0.00095	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
2,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
1,1-Dichloropropene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
cis-1,3-Dichloropropene	ND	0.00095	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
trans-1,3-Dichloropropene	ND	0.00095	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
Hexachlorobutadiene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
Methylene Chloride	ND	0.019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
1,1,1,2-Tetrachloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
1,1,2,2-Tetrachloroethane	ND	0.00095	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
Tetrachloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
1,2,3-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
1,2,4-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
1,3,5-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
1,1,1-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
1,1,2-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
Trichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0095	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
1,2,3-Trichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0095	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF
Vinyl Chloride	ND	0.0095	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:16	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-9 (3-5) Sampled: 5/24/2021 14:30

Sample ID: 21E1512-11

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		93.7	70-130					5/27/21 10:16	
Toluene-d8		95.2	70-130					5/27/21 10:16	
4-Bromofluorobenzene		98.2	70-130					5/27/21 10:16	

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-9 (3-5) Sampled: 5/24/2021 14:30

Sample ID: 21E1512-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.8		% Wt	1		SM 2540G	5/27/21	5/28/21 8:53	GLH

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-9 (5-7) Sampled: 5/24/2021 14:35

Sample ID: 21E1512-12

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
Bromodichloromethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
Carbon Tetrachloride	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
Chlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
Chlorodibromomethane	ND	0.00078	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
Chloroethane	ND	0.016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
Chloroform	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
Chloromethane	ND	0.0078	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
2-Chlorotoluene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
4-Chlorotoluene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
1,2-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
1,3-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
1,4-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
trans-1,4-Dichloro-2-butene	ND	0.0031	mg/Kg dry	1	V-05	SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
1,1-Dichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
1,2-Dichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
1,1-Dichloroethylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
cis-1,2-Dichloroethylene	0.0092	0.0016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
trans-1,2-Dichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
1,2-Dichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
1,3-Dichloropropane	ND	0.00078	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
2,2-Dichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
1,1-Dichloropropene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
cis-1,3-Dichloropropene	ND	0.00078	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
trans-1,3-Dichloropropene	ND	0.00078	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
Hexachlorobutadiene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
Methylene Chloride	ND	0.016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
1,1,1,2-Tetrachloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
1,1,2,2-Tetrachloroethane	ND	0.00078	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
Tetrachloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
1,2,3-Trichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
1,2,4-Trichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
1,3,5-Trichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
1,1,1-Trichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
1,1,2-Trichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
Trichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0078	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
1,2,3-Trichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0078	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF
Vinyl Chloride	ND	0.0078	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 10:40	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-9 (5-7) Sampled: 5/24/2021 14:35

Sample ID: 21E1512-12

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		96.7	70-130					5/27/21 10:40	
Toluene-d8		97.9	70-130					5/27/21 10:40	
4-Bromofluorobenzene		94.2	70-130					5/27/21 10:40	

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-NE-9 (5-7) Sampled: 5/24/2021 14:35

Sample ID: 21E1512-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.7		% Wt	1		SM 2540G	5/27/21	5/28/21 8:53	GLH

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-W-3 (1-3) Sampled: 5/24/2021 15:20

Sample ID: 21E1512-13

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.084	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
Bromodichloromethane	ND	0.084	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
Carbon Tetrachloride	ND	0.084	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
Chlorobenzene	ND	0.084	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
Chlorodibromomethane	ND	0.042	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
Chloroethane	ND	0.17	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
Chloroform	ND	0.17	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
Chloromethane	ND	0.17	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
2-Chlorotoluene	ND	0.084	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
4-Chlorotoluene	ND	0.084	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.42	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
1,2-Dichlorobenzene	ND	0.084	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
1,3-Dichlorobenzene	ND	0.084	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
1,4-Dichlorobenzene	ND	0.084	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
trans-1,4-Dichloro-2-butene	ND	0.17	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.17	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
1,1-Dichloroethane	ND	0.084	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
1,2-Dichloroethane	ND	0.084	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
1,1-Dichloroethylene	ND	0.084	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
cis-1,2-Dichloroethylene	2.4	0.084	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
trans-1,2-Dichloroethylene	0.19	0.084	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
1,2-Dichloropropane	ND	0.084	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
1,3-Dichloropropane	ND	0.042	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
2,2-Dichloropropane	ND	0.084	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
1,1-Dichloropropene	ND	0.17	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
cis-1,3-Dichloropropene	ND	0.042	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
trans-1,3-Dichloropropene	ND	0.042	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
Hexachlorobutadiene	ND	0.084	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
Methylene Chloride	ND	0.42	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
1,1,1,2-Tetrachloroethane	ND	0.084	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
1,1,2,2-Tetrachloroethane	ND	0.042	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
Tetrachloroethylene	ND	0.084	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
1,2,3-Trichlorobenzene	ND	0.42	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
1,2,4-Trichlorobenzene	ND	0.084	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
1,3,5-Trichlorobenzene	ND	0.084	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
1,1,1-Trichloroethane	ND	0.084	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
1,1,2-Trichloroethane	ND	0.084	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
Trichloroethylene	1.4	0.084	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
Trichlorofluoromethane (Freon 11)	ND	0.17	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
1,2,3-Trichloropropane	ND	0.17	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.084	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH
Vinyl Chloride	ND	0.17	mg/Kg dry	2		SW-846 8260C-D	5/27/21	5/27/21 18:27	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-W-3 (1-3) Sampled: 5/24/2021 15:20

Sample ID: 21E1512-13

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		106	70-130					5/27/21 18:27	
Toluene-d8		106	70-130					5/27/21 18:27	
4-Bromofluorobenzene		106	70-130					5/27/21 18:27	

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

Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-W-3 (1-3) Sampled: 5/24/2021 15:20

Sample ID: 21E1512-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	77.9		% Wt	1		SM 2540G	5/27/21	5/28/21 8:53	GLH

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

Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-W-3 (5-7) Sampled: 5/24/2021 15:25

Sample ID: 21E1512-14

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.032	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
Bromodichloromethane	ND	0.032	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
Carbon Tetrachloride	ND	0.032	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
Chlorobenzene	ND	0.032	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
Chlorodibromomethane	ND	0.016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
Chloroethane	ND	0.064	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
Chloroform	ND	0.064	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
Chloromethane	ND	0.064	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
2-Chlorotoluene	ND	0.032	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
4-Chlorotoluene	ND	0.032	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.16	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
1,2-Dichlorobenzene	ND	0.032	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
1,3-Dichlorobenzene	ND	0.032	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
1,4-Dichlorobenzene	ND	0.032	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
trans-1,4-Dichloro-2-butene	ND	0.064	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.064	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
1,1-Dichloroethane	ND	0.032	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
1,2-Dichloroethane	ND	0.032	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
1,1-Dichloroethylene	ND	0.032	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
cis-1,2-Dichloroethylene	0.27	0.032	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
trans-1,2-Dichloroethylene	ND	0.032	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
1,2-Dichloropropane	ND	0.032	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
1,3-Dichloropropane	ND	0.016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
2,2-Dichloropropane	ND	0.032	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
1,1-Dichloropropene	ND	0.064	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
cis-1,3-Dichloropropene	ND	0.016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
trans-1,3-Dichloropropene	ND	0.016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
Hexachlorobutadiene	ND	0.032	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
Methylene Chloride	ND	0.16	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
1,1,1,2-Tetrachloroethane	ND	0.032	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
1,1,2,2-Tetrachloroethane	ND	0.016	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
Tetrachloroethylene	ND	0.032	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
1,2,3-Trichlorobenzene	ND	0.16	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
1,2,4-Trichlorobenzene	ND	0.032	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
1,3,5-Trichlorobenzene	ND	0.032	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
1,1,1-Trichloroethane	ND	0.032	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
1,1,2-Trichloroethane	ND	0.032	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
Trichloroethylene	0.52	0.032	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
Trichlorofluoromethane (Freon 11)	ND	0.064	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
1,2,3-Trichloropropane	ND	0.064	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.032	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH
Vinyl Chloride	ND	0.064	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:14	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-W-3 (5-7) Sampled: 5/24/2021 15:25

Sample ID: 21E1512-14

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		106	70-130					5/27/21 17:14	
Toluene-d8		105	70-130					5/27/21 17:14	
4-Bromofluorobenzene		102	70-130					5/27/21 17:14	

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

Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-W-3 (5-7) Sampled: 5/24/2021 15:25

Sample ID: 21E1512-14

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	79.7		% Wt	1		SM 2540G	5/27/21	5/28/21 8:53	GLH

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-W-4 (2-4) Sampled: 5/24/2021 15:35

Sample ID: 21E1512-15

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.33	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
Bromodichloromethane	ND	0.33	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
Carbon Tetrachloride	ND	0.33	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
Chlorobenzene	ND	0.33	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
Chlorodibromomethane	ND	0.17	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
Chloroethane	ND	0.66	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
Chloroform	ND	0.66	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
Chloromethane	ND	0.66	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
2-Chlorotoluene	ND	0.33	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
4-Chlorotoluene	ND	0.33	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.7	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
1,2-Dichlorobenzene	ND	0.33	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
1,3-Dichlorobenzene	ND	0.33	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
1,4-Dichlorobenzene	ND	0.33	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
trans-1,4-Dichloro-2-butene	ND	0.66	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.66	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
1,1-Dichloroethane	ND	0.33	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
1,2-Dichloroethane	ND	0.33	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
1,1-Dichloroethylene	ND	0.33	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
cis-1,2-Dichloroethylene	7.7	0.33	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
trans-1,2-Dichloroethylene	ND	0.33	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
1,2-Dichloropropane	ND	0.33	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
1,3-Dichloropropane	ND	0.17	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
2,2-Dichloropropane	ND	0.33	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
1,1-Dichloropropene	ND	0.66	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
cis-1,3-Dichloropropene	ND	0.17	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
trans-1,3-Dichloropropene	ND	0.17	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
Hexachlorobutadiene	ND	0.33	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
Methylene Chloride	ND	1.7	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
1,1,1,2-Tetrachloroethane	ND	0.33	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
1,1,2,2-Tetrachloroethane	ND	0.17	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
Tetrachloroethylene	ND	0.33	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
1,2,3-Trichlorobenzene	ND	1.7	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
1,2,4-Trichlorobenzene	ND	0.33	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
1,3,5-Trichlorobenzene	ND	0.33	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
1,1,1-Trichloroethane	ND	0.33	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
1,1,2-Trichloroethane	ND	0.33	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
Trichloroethylene	0.55	0.33	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
Trichlorofluoromethane (Freon 11)	ND	0.66	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
1,2,3-Trichloropropane	ND	0.66	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.33	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH
Vinyl Chloride	2.0	0.66	mg/Kg dry	10		SW-846 8260C-D	5/27/21	5/27/21 18:51	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-W-4 (2-4) Sampled: 5/24/2021 15:35

Sample ID: 21E1512-15

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		107	70-130					5/27/21 18:51	
Toluene-d8		104	70-130					5/27/21 18:51	
4-Bromofluorobenzene		104	70-130					5/27/21 18:51	

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-W-4 (2-4) Sampled: 5/24/2021 15:35

Sample ID: 21E1512-15

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.5		% Wt	1		SM 2540G	5/27/21	5/28/21 8:54	GLH

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-W-4 (5-7) Sampled: 5/24/2021 15:40

Sample ID: 21E1512-16

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
Bromodichloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
Carbon Tetrachloride	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
Chlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
Chlorodibromomethane	ND	0.00087	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
Chloroethane	ND	0.017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
Chloroform	ND	0.0035	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
Chloromethane	ND	0.0087	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
2-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
4-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
1,2-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
1,3-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
1,4-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
trans-1,4-Dichloro-2-butene	ND	0.0035	mg/Kg dry	1	V-05	SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
1,1-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
1,2-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
1,1-Dichloroethylene	ND	0.0035	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
cis-1,2-Dichloroethylene	0.011	0.0017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
trans-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
1,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
1,3-Dichloropropane	ND	0.00087	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
2,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
1,1-Dichloropropene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
cis-1,3-Dichloropropene	ND	0.00087	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
trans-1,3-Dichloropropene	ND	0.00087	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
Hexachlorobutadiene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
Methylene Chloride	ND	0.017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
1,1,2,2-Tetrachloroethane	ND	0.00087	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
Tetrachloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
1,2,3-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
1,2,4-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
1,3,5-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
1,1,1-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
1,1,2-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
Trichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0087	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
1,2,3-Trichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0087	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF
Vinyl Chloride	0.024	0.0087	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 11:05	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-W-4 (5-7) Sampled: 5/24/2021 15:40

Sample ID: 21E1512-16

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		96.0	70-130					5/27/21 11:05	
Toluene-d8		97.9	70-130					5/27/21 11:05	
4-Bromofluorobenzene		99.8	70-130					5/27/21 11:05	

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-W-4 (5-7) Sampled: 5/24/2021 15:40

Sample ID: 21E1512-16

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.5		% Wt	1		SM 2540G	5/27/21	5/28/21 8:54	GLH

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-W-5 (2-4) Sampled: 5/24/2021 16:15

Sample ID: 21E1512-17

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.059	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
Bromodichloromethane	ND	0.059	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
Carbon Tetrachloride	ND	0.059	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
Chlorobenzene	ND	0.059	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
Chlorodibromomethane	ND	0.030	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
Chloroethane	ND	0.12	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
Chloroform	ND	0.12	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
Chloromethane	ND	0.12	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
2-Chlorotoluene	ND	0.059	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
4-Chlorotoluene	ND	0.059	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.30	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
1,2-Dichlorobenzene	ND	0.059	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
1,3-Dichlorobenzene	ND	0.059	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
1,4-Dichlorobenzene	ND	0.059	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
trans-1,4-Dichloro-2-butene	ND	0.12	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.12	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
1,1-Dichloroethane	ND	0.059	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
1,2-Dichloroethane	ND	0.059	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
1,1-Dichloroethylene	ND	0.059	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
cis-1,2-Dichloroethylene	0.74	0.059	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
trans-1,2-Dichloroethylene	ND	0.059	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
1,2-Dichloropropane	ND	0.059	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
1,3-Dichloropropane	ND	0.030	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
2,2-Dichloropropane	ND	0.059	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
1,1-Dichloropropene	ND	0.12	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
cis-1,3-Dichloropropene	ND	0.030	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
trans-1,3-Dichloropropene	ND	0.030	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
Hexachlorobutadiene	ND	0.059	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
Methylene Chloride	ND	0.30	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
1,1,1,2-Tetrachloroethane	ND	0.059	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
1,1,2,2-Tetrachloroethane	ND	0.030	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
Tetrachloroethylene	ND	0.059	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
1,2,3-Trichlorobenzene	ND	0.30	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
1,2,4-Trichlorobenzene	ND	0.059	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
1,3,5-Trichlorobenzene	ND	0.059	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
1,1,1-Trichloroethane	ND	0.059	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
1,1,2-Trichloroethane	ND	0.059	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
Trichloroethylene	0.098	0.059	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
Trichlorofluoromethane (Freon 11)	ND	0.12	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
1,2,3-Trichloropropane	ND	0.12	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.059	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH
Vinyl Chloride	ND	0.12	mg/Kg dry	1		SW-846 8260C-D	5/27/21	5/27/21 17:38	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-W-5 (2-4) Sampled: 5/24/2021 16:15

Sample ID: 21E1512-17

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		106	70-130					5/27/21 17:38	
Toluene-d8		104	70-130					5/27/21 17:38	
4-Bromofluorobenzene		104	70-130					5/27/21 17:38	

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: EXT-W-5 (2-4) Sampled: 5/24/2021 16:15

Sample ID: 21E1512-17

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.9		% Wt	1		SM 2540G	5/27/21	5/28/21 8:54	GLH

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: TRIP BLANK Sampled: 5/24/2021 12:30

Sample ID: 21E1512-18

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
Bromodichloromethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
Carbon Tetrachloride	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
Chlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
Chlorodibromomethane	ND	0.0010	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
Chloroethane	ND	0.020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
Chloroform	ND	0.0040	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
Chloromethane	ND	0.010	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet	1	V-05	SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
Methylene Chloride	ND	0.020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
Trichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF
Vinyl Chloride	ND	0.010	mg/Kg wet	1		SW-846 8260C-D	5/27/21	5/27/21 11:29	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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Project Location: 8273 Halsey Rd, Whitesboro, NY Sample Description: Work Order: 21E1512

Date Received: 5/26/2021

Field Sample #: TRIP BLANK Sampled: 5/24/2021 12:30

Sample ID: 21E1512-18

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		99.2	70-130					5/27/21 11:29	
Toluene-d8		95.8	70-130					5/27/21 11:29	
4-Bromofluorobenzene		98.5	70-130					5/27/21 11:29	

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Sample Extraction Data

Prep Method: % Solids **Analytical Method: SM 2540G**

Lab Number [Field ID]	Batch	Date
21E1512-01 [EXT-NE-4 (3-5)]	B282957	05/27/21
21E1512-02 [EXT-NE-4 (7-9)]	B282957	05/27/21
21E1512-03 [EXT-NE-5 (1-3)]	B282957	05/27/21
21E1512-04 [EXT-NE-5 (5-7)]	B282957	05/27/21
21E1512-05 [EXT-NE-6 (3-5)]	B282957	05/27/21
21E1512-06 [EXT-NE-6 (7-9)]	B282957	05/27/21
21E1512-07 [EXT-NE-7 (1-3)]	B282957	05/27/21
21E1512-08 [EXT-NE-7 (5-7)]	B282957	05/27/21
21E1512-09 [EXT-NE-8 (3-5)]	B282957	05/27/21
21E1512-10 [EXT-NE-8 (8-10)]	B282957	05/27/21
21E1512-11 [EXT-NE-9 (3-5)]	B282957	05/27/21
21E1512-12 [EXT-NE-9 (5-7)]	B282957	05/27/21
21E1512-13 [EXT-W-3 (1-3)]	B282957	05/27/21
21E1512-14 [EXT-W-3 (5-7)]	B282957	05/27/21
21E1512-15 [EXT-W-4 (2-4)]	B282957	05/27/21
21E1512-16 [EXT-W-4 (5-7)]	B282957	05/27/21
21E1512-17 [EXT-W-5 (2-4)]	B282957	05/27/21

Prep Method: SW-846 5035 **Analytical Method: SW-846 8260C-D**

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
21E1512-02 [EXT-NE-4 (7-9)]	B282904	10.5	6.55	1	50	05/27/21
21E1512-06 [EXT-NE-6 (7-9)]	B282904	13.7	6.29	1	50	05/27/21
21E1512-08 [EXT-NE-7 (5-7)]	B282904	10.5	6.19	1	50	05/27/21
21E1512-10 [EXT-NE-8 (8-10)]	B282904	13.8	6.98	0.1	50	05/27/21
21E1512-13 [EXT-W-3 (1-3)]	B282904	11.4	7.52	0.5	50	05/27/21
21E1512-14 [EXT-W-3 (5-7)]	B282904	16.4	8.33	1	50	05/27/21
21E1512-15 [EXT-W-4 (2-4)]	B282904	10.6	6.21	0.1	50	05/27/21
21E1512-17 [EXT-W-5 (2-4)]	B282904	5.72	5.81	1	50	05/27/21

Prep Method: SW-846 5035 **Analytical Method: SW-846 8260C-D**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
21E1512-01 [EXT-NE-4 (3-5)]	B282927	6.37	10.0	05/27/21
21E1512-03 [EXT-NE-5 (1-3)]	B282927	5.30	10.0	05/27/21
21E1512-04 [EXT-NE-5 (5-7)]	B282927	6.73	10.0	05/27/21
21E1512-05 [EXT-NE-6 (3-5)]	B282927	6.11	10.0	05/27/21
21E1512-07 [EXT-NE-7 (1-3)]	B282927	5.64	10.0	05/27/21
21E1512-09 [EXT-NE-8 (3-5)]	B282927	5.97	10.0	05/27/21
21E1512-11 [EXT-NE-9 (3-5)]	B282927	6.37	10.0	05/27/21
21E1512-12 [EXT-NE-9 (5-7)]	B282927	7.75	10.0	05/27/21
21E1512-16 [EXT-W-4 (5-7)]	B282927	6.62	10.0	05/27/21
21E1512-18 [TRIP BLANK]	B282927	5.00	10.0	05/27/21

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B282904 - SW-846 5035										
Blank (B282904-BLK1)				Prepared & Analyzed: 05/27/21						
Bromochloromethane	ND	0.050	mg/Kg wet							
Bromodichloromethane	ND	0.050	mg/Kg wet							
Carbon Tetrachloride	ND	0.050	mg/Kg wet							
Chlorobenzene	ND	0.050	mg/Kg wet							
Chlorodibromomethane	ND	0.025	mg/Kg wet							
Chloroethane	ND	0.10	mg/Kg wet							
Chloroform	ND	0.10	mg/Kg wet							
Chloromethane	ND	0.10	mg/Kg wet							
2-Chlorotoluene	ND	0.050	mg/Kg wet							
4-Chlorotoluene	ND	0.050	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.050	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.10	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet							
1,1-Dichloroethane	ND	0.050	mg/Kg wet							
1,2-Dichloroethane	ND	0.050	mg/Kg wet							
1,1-Dichloroethylene	ND	0.050	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
1,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,3-Dichloropropane	ND	0.025	mg/Kg wet							
2,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,1-Dichloropropene	ND	0.10	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
Hexachlorobutadiene	ND	0.050	mg/Kg wet							
Methylene Chloride	ND	0.25	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.050	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet							
Tetrachloroethylene	ND	0.050	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.25	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.050	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.050	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.050	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.050	mg/Kg wet							
Trichloroethylene	ND	0.050	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.050	mg/Kg wet							
Vinyl Chloride	ND	0.10	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	*0.0266*		mg/Kg wet	0.0250		106	70-130			
Surrogate: Toluene-d8	*0.0259*		mg/Kg wet	0.0250		104	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0260*		mg/Kg wet	0.0250		104	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B282904 - SW-846 5035											
LCS (B282904-BS1)				Prepared & Analyzed: 05/27/21							
Bromochloromethane	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130				
Bromodichloromethane	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130				
Carbon Tetrachloride	0.0113	0.0011	mg/Kg wet	0.0113		100	70-130				
Chlorobenzene	0.0121	0.0011	mg/Kg wet	0.0113		107	70-130				
Chlorodibromomethane	0.0113	0.00057	mg/Kg wet	0.0113		100	70-130				
Chloroethane	0.0135	0.0023	mg/Kg wet	0.0113		119	70-130				
Chloroform	0.0116	0.0023	mg/Kg wet	0.0113		102	70-130				
Chloromethane	0.0135	0.0023	mg/Kg wet	0.0113		119	70-130				
2-Chlorotoluene	0.0114	0.0011	mg/Kg wet	0.0113		100	70-130				
4-Chlorotoluene	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0107	0.0057	mg/Kg wet	0.0113		94.2	70-130				
1,2-Dichlorobenzene	0.0123	0.0011	mg/Kg wet	0.0113		109	70-130				
1,3-Dichlorobenzene	0.0121	0.0011	mg/Kg wet	0.0113		107	70-130				
1,4-Dichlorobenzene	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130				
trans-1,4-Dichloro-2-butene	0.00941	0.0023	mg/Kg wet	0.0113		83.0	70-130				
Dichlorodifluoromethane (Freon 12)	0.00976	0.0023	mg/Kg wet	0.0113		86.1	40-160				†
1,1-Dichloroethane	0.0117	0.0011	mg/Kg wet	0.0113		103	70-130				
1,2-Dichloroethane	0.0118	0.0011	mg/Kg wet	0.0113		104	70-130				
1,1-Dichloroethylene	0.0127	0.0011	mg/Kg wet	0.0113		112	70-130				
cis-1,2-Dichloroethylene	0.0116	0.0011	mg/Kg wet	0.0113		102	70-130				
trans-1,2-Dichloroethylene	0.0117	0.0011	mg/Kg wet	0.0113		104	70-130				
1,2-Dichloropropane	0.0117	0.0011	mg/Kg wet	0.0113		103	70-130				
1,3-Dichloropropane	0.0115	0.00057	mg/Kg wet	0.0113		101	70-130				
2,2-Dichloropropane	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130				
1,1-Dichloropropene	0.0120	0.0023	mg/Kg wet	0.0113		106	70-130				
cis-1,3-Dichloropropene	0.0119	0.00057	mg/Kg wet	0.0113		105	70-130				
trans-1,3-Dichloropropene	0.0115	0.00057	mg/Kg wet	0.0113		101	70-130				
Hexachlorobutadiene	0.0130	0.0011	mg/Kg wet	0.0113		115	70-160			V-20	
Methylene Chloride	0.0121	0.0057	mg/Kg wet	0.0113		107	40-160				†
1,1,1,2-Tetrachloroethane	0.0126	0.0011	mg/Kg wet	0.0113		111	70-130				
1,1,2,2-Tetrachloroethane	0.0115	0.00057	mg/Kg wet	0.0113		101	70-130				
Tetrachloroethylene	0.0126	0.0011	mg/Kg wet	0.0113		111	70-130				
1,2,3-Trichlorobenzene	0.00987	0.0057	mg/Kg wet	0.0113		87.1	70-130				
1,2,4-Trichlorobenzene	0.0108	0.0011	mg/Kg wet	0.0113		95.5	70-130				
1,3,5-Trichlorobenzene	0.0116	0.0011	mg/Kg wet	0.0113		102	70-130				
1,1,1-Trichloroethane	0.0118	0.0011	mg/Kg wet	0.0113		104	70-130				
1,1,2-Trichloroethane	0.0118	0.0011	mg/Kg wet	0.0113		104	70-130				
Trichloroethylene	0.0123	0.0011	mg/Kg wet	0.0113		108	70-130				
Trichlorofluoromethane (Freon 11)	0.0116	0.0023	mg/Kg wet	0.0113		103	70-130				
1,2,3-Trichloropropane	0.0107	0.0023	mg/Kg wet	0.0113		94.8	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0121	0.0011	mg/Kg wet	0.0113		107	70-130				
Vinyl Chloride	0.0124	0.0023	mg/Kg wet	0.0113		109	40-130				†
Surrogate: 1,2-Dichloroethane-d4	*0.0294*		mg/Kg wet	0.0283		104	70-130				
Surrogate: Toluene-d8	*0.0297*		mg/Kg wet	0.0283		105	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0293*		mg/Kg wet	0.0283		103	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B282904 - SW-846 5035											
LCS Dup (B282904-BSD1)				Prepared & Analyzed: 05/27/21							
Bromochloromethane	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130	0.758	25		
Bromodichloromethane	0.0115	0.0011	mg/Kg wet	0.0113		101	70-130	0.492	25		
Carbon Tetrachloride	0.0112	0.0011	mg/Kg wet	0.0113		98.9	70-130	1.21	25		
Chlorobenzene	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130	1.13	25		
Chlorodibromomethane	0.0108	0.00057	mg/Kg wet	0.0113		95.5	70-130	4.70	25		
Chloroethane	0.0127	0.0023	mg/Kg wet	0.0113		112	70-130	6.07	25		
Chloroform	0.0114	0.0023	mg/Kg wet	0.0113		101	70-130	1.28	25		
Chloromethane	0.0128	0.0023	mg/Kg wet	0.0113		113	70-130	5.33	25		
2-Chlorotoluene	0.0116	0.0011	mg/Kg wet	0.0113		103	70-130	1.97	25		
4-Chlorotoluene	0.0110	0.0011	mg/Kg wet	0.0113		97.5	70-130	3.53	25		
1,2-Dibromo-3-chloropropane (DBCP)	0.0102	0.0057	mg/Kg wet	0.0113		90.4	70-130	4.12	25		
1,2-Dichlorobenzene	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130	3.37	25		
1,3-Dichlorobenzene	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130	2.26	25		
1,4-Dichlorobenzene	0.0116	0.0011	mg/Kg wet	0.0113		103	70-130	2.02	25		
trans-1,4-Dichloro-2-butene	0.00974	0.0023	mg/Kg wet	0.0113		85.9	70-130	3.43	25		
Dichlorodifluoromethane (Freon 12)	0.00960	0.0023	mg/Kg wet	0.0113		84.7	40-160	1.64	25		†
1,1-Dichloroethane	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130	1.46	25		
1,2-Dichloroethane	0.0114	0.0011	mg/Kg wet	0.0113		100	70-130	3.13	25		
1,1-Dichloroethylene	0.0124	0.0011	mg/Kg wet	0.0113		110	70-130	1.90	25		
cis-1,2-Dichloroethylene	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130	1.28	25		
trans-1,2-Dichloroethylene	0.0112	0.0011	mg/Kg wet	0.0113		99.2	70-130	4.24	25		
1,2-Dichloropropane	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130	1.17	25		
1,3-Dichloropropane	0.0114	0.00057	mg/Kg wet	0.0113		101	70-130	0.693	25		
2,2-Dichloropropane	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130	0.0982	25		
1,1-Dichloropropene	0.0117	0.0023	mg/Kg wet	0.0113		103	70-130	2.49	25		
cis-1,3-Dichloropropene	0.0118	0.00057	mg/Kg wet	0.0113		104	70-130	0.768	25		
trans-1,3-Dichloropropene	0.0108	0.00057	mg/Kg wet	0.0113		95.6	70-130	5.69	25		
Hexachlorobutadiene	0.0129	0.0011	mg/Kg wet	0.0113		114	70-160	1.23	25	V-20	
Methylene Chloride	0.0118	0.0057	mg/Kg wet	0.0113		104	40-160	2.65	25		†
1,1,1,2-Tetrachloroethane	0.0124	0.0011	mg/Kg wet	0.0113		109	70-130	1.45	25		
1,1,2,2-Tetrachloroethane	0.0117	0.00057	mg/Kg wet	0.0113		104	70-130	2.15	25		
Tetrachloroethylene	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130	4.88	25		
1,2,3-Trichlorobenzene	0.00944	0.0057	mg/Kg wet	0.0113		83.3	70-130	4.46	25		
1,2,4-Trichlorobenzene	0.0106	0.0011	mg/Kg wet	0.0113		93.2	70-130	2.44	25		
1,3,5-Trichlorobenzene	0.0113	0.0011	mg/Kg wet	0.0113		99.4	70-130	2.58	25		
1,1,1-Trichloroethane	0.0117	0.0011	mg/Kg wet	0.0113		103	70-130	0.580	25		
1,1,2-Trichloroethane	0.0117	0.0011	mg/Kg wet	0.0113		104	70-130	0.769	25		
Trichloroethylene	0.0123	0.0011	mg/Kg wet	0.0113		109	70-130	0.461	25		
Trichlorofluoromethane (Freon 11)	0.0114	0.0023	mg/Kg wet	0.0113		101	70-130	1.97	25		
1,2,3-Trichloropropane	0.0107	0.0023	mg/Kg wet	0.0113		94.7	70-130	0.106	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130	1.41	25		
Vinyl Chloride	0.0122	0.0023	mg/Kg wet	0.0113		108	40-130	1.57	25		†
Surrogate: 1,2-Dichloroethane-d4	*0.0292*		mg/Kg wet	0.0283		103	70-130				
Surrogate: Toluene-d8	*0.0293*		mg/Kg wet	0.0283		103	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0295*		mg/Kg wet	0.0283		104	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B282927 - SW-846 5035										
Blank (B282927-BLK1)			Prepared & Analyzed: 05/27/21							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							V-05
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	*0.0493*		mg/Kg wet	0.0500		98.5	70-130			
Surrogate: Toluene-d8	*0.0479*		mg/Kg wet	0.0500		95.8	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0490*		mg/Kg wet	0.0500		97.9	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B282927 - SW-846 5035											
LCS (B282927-BS1)				Prepared & Analyzed: 05/27/21							
Bromochloromethane	0.0182	0.0020	mg/Kg wet	0.0200		91.2	70-130				
Bromodichloromethane	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130				
Carbon Tetrachloride	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130				
Chlorobenzene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130				
Chlorodibromomethane	0.0222	0.0010	mg/Kg wet	0.0200		111	70-130				
Chloroethane	0.0181	0.020	mg/Kg wet	0.0200		90.4	70-130				
Chloroform	0.0188	0.0040	mg/Kg wet	0.0200		94.1	70-130				
Chloromethane	0.0193	0.010	mg/Kg wet	0.0200		96.6	70-130				
2-Chlorotoluene	0.0201	0.0020	mg/Kg wet	0.0200		101	70-130				
4-Chlorotoluene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0176	0.0020	mg/Kg wet	0.0200		88.2	70-130				
1,2-Dichlorobenzene	0.0192	0.0020	mg/Kg wet	0.0200		95.8	70-130				
1,3-Dichlorobenzene	0.0189	0.0020	mg/Kg wet	0.0200		94.6	70-130				
1,4-Dichlorobenzene	0.0194	0.0020	mg/Kg wet	0.0200		96.9	70-130				
trans-1,4-Dichloro-2-butene	0.0148	0.0040	mg/Kg wet	0.0200		74.1	70-130			V-05	
Dichlorodifluoromethane (Freon 12)	0.0169	0.020	mg/Kg wet	0.0200		84.4	40-160				†
1,1-Dichloroethane	0.0195	0.0020	mg/Kg wet	0.0200		97.7	70-130				
1,2-Dichloroethane	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130				
1,1-Dichloroethylene	0.0206	0.0040	mg/Kg wet	0.0200		103	70-130				
cis-1,2-Dichloroethylene	0.0189	0.0020	mg/Kg wet	0.0200		94.5	70-130				
trans-1,2-Dichloroethylene	0.0199	0.0020	mg/Kg wet	0.0200		99.4	70-130				
1,2-Dichloropropane	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130				
1,3-Dichloropropane	0.0197	0.0010	mg/Kg wet	0.0200		98.7	70-130				
2,2-Dichloropropane	0.0180	0.0020	mg/Kg wet	0.0200		90.0	70-130				
1,1-Dichloropropene	0.0194	0.0020	mg/Kg wet	0.0200		96.8	70-130				
cis-1,3-Dichloropropene	0.0185	0.0010	mg/Kg wet	0.0200		92.4	70-130				
trans-1,3-Dichloropropene	0.0184	0.0010	mg/Kg wet	0.0200		92.2	70-130				
Hexachlorobutadiene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-160				
Methylene Chloride	0.0204	0.020	mg/Kg wet	0.0200		102	40-160				†
1,1,1,2-Tetrachloroethane	0.0229	0.0020	mg/Kg wet	0.0200		115	70-130				
1,1,2,2-Tetrachloroethane	0.0198	0.0010	mg/Kg wet	0.0200		98.8	70-130				
Tetrachloroethylene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130				
1,2,3-Trichlorobenzene	0.0194	0.0020	mg/Kg wet	0.0200		97.0	70-130				
1,2,4-Trichlorobenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.4	70-130				
1,3,5-Trichlorobenzene	0.0188	0.0020	mg/Kg wet	0.0200		94.1	70-130				
1,1,1-Trichloroethane	0.0196	0.0020	mg/Kg wet	0.0200		98.2	70-130				
1,1,2-Trichloroethane	0.0199	0.0020	mg/Kg wet	0.0200		99.4	70-130				
Trichloroethylene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130				
Trichlorofluoromethane (Freon 11)	0.0199	0.010	mg/Kg wet	0.0200		99.6	70-130				
1,2,3-Trichloropropane	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0189	0.010	mg/Kg wet	0.0200		94.4	70-130				
Vinyl Chloride	0.0189	0.010	mg/Kg wet	0.0200		94.6	40-130				†
Surrogate: 1,2-Dichloroethane-d4	*0.0475*		mg/Kg wet	0.0500		94.9	70-130				
Surrogate: Toluene-d8	*0.0493*		mg/Kg wet	0.0500		98.6	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0510*		mg/Kg wet	0.0500		102	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B282927 - SW-846 5035											
LCS Dup (B282927-BSD1)				Prepared & Analyzed: 05/27/21							
Bromochloromethane	0.0184	0.0020	mg/Kg wet	0.0200		92.1	70-130	0.971	25		
Bromodichloromethane	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130	1.27	25		
Carbon Tetrachloride	0.0205	0.0020	mg/Kg wet	0.0200		103	70-130	0.428	25		
Chlorobenzene	0.0215	0.0020	mg/Kg wet	0.0200		107	70-130	3.04	25		
Chlorodibromomethane	0.0217	0.0010	mg/Kg wet	0.0200		109	70-130	2.14	25		
Chloroethane	0.0184	0.020	mg/Kg wet	0.0200		91.8	70-130	1.58	25		
Chloroform	0.0189	0.0040	mg/Kg wet	0.0200		94.3	70-130	0.223	25		
Chloromethane	0.0192	0.010	mg/Kg wet	0.0200		95.9	70-130	0.686	25		
2-Chlorotoluene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130	2.17	25		
4-Chlorotoluene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130	0.675	25		
1,2-Dibromo-3-chloropropane (DBCP)	0.0190	0.0020	mg/Kg wet	0.0200		94.9	70-130	7.32	25		
1,2-Dichlorobenzene	0.0190	0.0020	mg/Kg wet	0.0200		95.0	70-130	0.849	25		
1,3-Dichlorobenzene	0.0190	0.0020	mg/Kg wet	0.0200		95.0	70-130	0.401	25		
1,4-Dichlorobenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.6	70-130	0.372	25		
trans-1,4-Dichloro-2-butene	0.0144	0.0040	mg/Kg wet	0.0200		72.2	70-130	2.53	25	V-05	
Dichlorodifluoromethane (Freon 12)	0.0168	0.020	mg/Kg wet	0.0200		84.2	40-160	0.320	25		†
1,1-Dichloroethane	0.0201	0.0020	mg/Kg wet	0.0200		101	70-130	2.97	25		
1,2-Dichloroethane	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130	0.631	25		
1,1-Dichloroethylene	0.0204	0.0040	mg/Kg wet	0.0200		102	70-130	0.683	25		
cis-1,2-Dichloroethylene	0.0186	0.0020	mg/Kg wet	0.0200		93.1	70-130	1.53	25		
trans-1,2-Dichloroethylene	0.0199	0.0020	mg/Kg wet	0.0200		99.7	70-130	0.271	25		
1,2-Dichloropropane	0.0199	0.0020	mg/Kg wet	0.0200		99.6	70-130	1.13	25		
1,3-Dichloropropane	0.0198	0.0010	mg/Kg wet	0.0200		99.1	70-130	0.414	25		
2,2-Dichloropropane	0.0176	0.0020	mg/Kg wet	0.0200		88.1	70-130	2.16	25		
1,1-Dichloropropene	0.0194	0.0020	mg/Kg wet	0.0200		97.2	70-130	0.392	25		
cis-1,3-Dichloropropene	0.0188	0.0010	mg/Kg wet	0.0200		93.9	70-130	1.60	25		
trans-1,3-Dichloropropene	0.0183	0.0010	mg/Kg wet	0.0200		91.5	70-130	0.773	25		
Hexachlorobutadiene	0.0201	0.0020	mg/Kg wet	0.0200		100	70-160	3.55	25		
Methylene Chloride	0.0210	0.020	mg/Kg wet	0.0200		105	40-160	3.03	25		†
1,1,1,2-Tetrachloroethane	0.0231	0.0020	mg/Kg wet	0.0200		116	70-130	0.816	25		
1,1,2,2-Tetrachloroethane	0.0202	0.0010	mg/Kg wet	0.0200		101	70-130	2.37	25		
Tetrachloroethylene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130	1.67	25		
1,2,3-Trichlorobenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.6	70-130	2.74	25		
1,2,4-Trichlorobenzene	0.0192	0.0020	mg/Kg wet	0.0200		96.0	70-130	2.40	25		
1,3,5-Trichlorobenzene	0.0186	0.0020	mg/Kg wet	0.0200		93.1	70-130	1.05	25		
1,1,1-Trichloroethane	0.0195	0.0020	mg/Kg wet	0.0200		97.5	70-130	0.715	25		
1,1,2-Trichloroethane	0.0193	0.0020	mg/Kg wet	0.0200		96.7	70-130	2.76	25		
Trichloroethylene	0.0196	0.0020	mg/Kg wet	0.0200		97.9	70-130	2.93	25		
Trichlorofluoromethane (Freon 11)	0.0197	0.010	mg/Kg wet	0.0200		98.6	70-130	0.999	25		
1,2,3-Trichloropropane	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130	0.291	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0187	0.010	mg/Kg wet	0.0200		93.3	70-130	1.17	25		
Vinyl Chloride	0.0185	0.010	mg/Kg wet	0.0200		92.4	40-130	2.36	25		†
Surrogate: 1,2-Dichloroethane-d4	*0.0480*		mg/Kg wet	0.0500		96.0	70-130				
Surrogate: Toluene-d8	*0.0490*		mg/Kg wet	0.0500		98.0	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0508*		mg/Kg wet	0.0500		102	70-130				

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
RL-11	Elevated reporting limit due to high concentration of target compounds.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C-D in Soil	
Bromochloromethane	NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
1,2-Dibromo-3-chloropropane (DBCP)	NY
1,2-Dibromo-3-chloropropane (DBCP)	NY
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
trans-1,4-Dichloro-2-butene	NY
Dichlorodifluoromethane (Freon 12)	NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C-D in Soil	
1,1-Dichloropropene	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
Methylene Chloride	CT,NH,NY,ME,VA
Methylene Chloride	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
Tetrachloroethylene	NY,ME,VA
Tetrachloroethylene	NY,ME,VA
1,2,3-Trichlorobenzene	NY
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA

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Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2022
MA	Massachusetts DEP	M-MA100	06/30/2021
CT	Connecticut Department of Publilc Health	PH-0165	12/31/2022
NY	New York State Department of Health	10899 NELAP	04/1/2022
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2022
RI	Rhode Island Department of Health	LAO00112	12/30/2021
NC	North Carolina Div. of Water Quality	652	12/31/2021
NJ	New Jersey DEP	MA007 NELAP	06/30/2021
FL	Florida Department of Health	E871027 NELAP	06/30/2021
VT	Vermont Department of Health Lead Laboratory	LL720741	07/30/2021
ME	State of Maine	MA00100	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2021
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2021
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2021
NC-DW	North Carolina Department of Health	25703	07/31/2021
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2022
MI	Dept. of Env, Great Lakes, and Energy	9100	09/6/2021

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 21E152

ALL SHADED AREAS are for LAB USE ONLY

Company: HRP	Billing Information:
Address: 251 Roosevelt Dr Derby CT	
Report To: Brian Lowry	Email To: Brian.lowry@hrpassociates.com
Copy To:	Site Collection Info/Address: 8273 Halsey Rd
Customer Project Name/Number: WHI0827.RA	State: NY County/City: Whitesboro Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): LAB	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [X] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses: X Chlorinated VOCs

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	(NA)
Custody Signatures Present	Y	N	(NA)
Collector Signature Present	(Y)	N	NA
Bottles Intact	(Y)	N	NA
Correct Bottles	(Y)	N	NA
Sufficient Volume	(Y)	N	NA
Samples Received on Ice	(Y)	N	NA
VOA - Headspace Acceptable	Y	N	(NA)
USDA Regulated Soils	Y	(N)	NA
Samples in Holding Time	(Y)	N	NA
Residual Chlorine Present	Y	N	(NA)
Cl Strips:			
Sample pH Acceptable	Y	N	(NA)
pH Strips:			
Sulfide Present	Y	N	(NA)
Lead Acetate Strips:			

LAB USE ONLY:
Lab Sample # / Comments:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Lab Sample # / Comments
EXT-NE-4 (3-5)	S	Grab	5/24/21	1305				3	1
(7-9)				1310					2
EXT-NE-5 (1-3)				1320					3
(5-7)				1325					4
EXT-NE-6 (3-5)				1335					5
(7-9)				1340					6
EXT-NE-7 (1-3)				1400					7
(5-7)				1415					8
EXT-NE-8 (3-5)				1410					9
(8-10)				1415					10

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2674035

Samples received via: FEDEX UPS Client Courier (Pace Courier)

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#:
Cooler 1 Temp Upon Receipt: 3.7 oC
Cooler 1 Therm Corr. Factor: oC
Cooler 1 Corrected Temp: oC
Comments: 370

Relinquished by/Company: (Signature)	Date/Time: 5/26/21 1400	Received by/Company: (Signature)	Date/Time: 5/26/21 1700	MTJL LAB USE ONLY	
Relinquished by/Company: (Signature)	Date/Time: 5/26/21 1426	Received by/Company: (Signature)	Date/Time: 5/26/21 1426	Table #:	
Relinquished by/Company: (Signature)	Date/Time: 5/26/21 1426	Received by/Company: (Signature)	Date/Time: 5/26/21 1750	Acctnum: Template: Prelogin: PM: PB:	

Trip Blank Received: (Y) N NA
HCL (MeOH) TSP Other

Non Conformance(s): YES / NO

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Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

21E152

ALL SHADED AREAS are for LAB USE ONLY

Company:	Billing Information:
Address: See Page 1	
Report To:	Email To:
Copy To:	Site Collection Info/Address:
Customer Project Name/Number:	State: / County/City: Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #:
Collected By (print):	Purchase Order #: Quote #:
Collected By (signature):	Turnaround Date Required:
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: DW Location Code:

Immediately Packed on Ice: [ ] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses

Chlorinated VOCs

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	(NA)
Custody Signatures Present	Y	N	(NA)
Collector Signature Present	(Y)	N	NA
Bottles Intact	(Y)	N	NA
Correct Bottles	(Y)	N	NA
Sufficient Volume	(Y)	N	NA
Samples Received on Ice	(Y)	N	NA
VOA - Headspace Acceptable	Y	N	(NA)
USDA Regulated Soils	Y	(N)	NA
Samples in Holding Time	(Y)	N	NA
Residual Chlorine Present	Y	N	(NA)
Cl Strips: _____			
Sample pH Acceptable	Y	N	(NA)
pH Strips: _____			
Sulfide Present	Y	N	(NA)
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Lab Sample # / Comments
EXT-NF-9 (3-5)	S	Grab	5/21/21	1430				3	11
↓ (5-7)	↓	↓	↓	1435				↓	12
EXT-W-3 (1-3)				1520					13
↓ (5-7)				1525					14
EXT-W-4 (2-4)				1535					15
↓ (5-7)				1540					16
EXT-W-5 (2-4)				1615					17
Trip Blank	↓	↓	↓	1230				↓	18

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2674034

Samples received via: FEDEX UPS Client (Courier) (Pace Courier)

Lab Sample Temperature Info:
Temp Blank Received: (Y) N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: _____oC
Cooler 1 Therm Corr. Factor: _____oC
Cooler 1 Corrected Temp: _____oC
Comments: 3.7

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	5/26/21 1400		5/26/21 1400
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	5/26/21 1426		1425
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	5.52	3.7	5/26/21 1752

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: (Y) N NA
HCL (MeOH) TSP Other

Non Conformance(s): YES / NO

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

September 9, 2021

Brian Lowry
HRP Associates, Inc. (Private)
197 Scott Swamp Road
Farmington, CT 06032

Project Location: Whitesboro, NY
Client Job Number:
Project Number: WHI6527.RA
Laboratory Work Order Number: 21I0174

Enclosed are results of analyses for samples received by the laboratory on September 3, 2021. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kerry K. McGee
Project Manager

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HRP Associates, Inc. (Private)
197 Scott Swamp Road
Farmington, CT 06032
ATTN: Brian Lowry

REPORT DATE: 9/9/2021

PURCHASE ORDER NUMBER:

PROJECT NUMBER: WHI6527.RA

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 21I0174

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: Whitesboro, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
EXT-W-5 (6-8)	21I0174-01	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-W-6 (1-3)	21I0174-02	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-W-6 (5-7)	21I0174-03	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-SW-7 (1-3)	21I0174-04	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-SW-7 (5-7)	21I0174-05	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-SW-8 (1-3)	21I0174-06	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-SW-8 (8-10)	21I0174-07	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-SW-9 (2-4)	21I0174-08	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-SW-9 (6-8)	21I0174-09	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-SW-10 (6-8)	21I0174-10	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-SW-10 (8-10)	21I0174-11	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-SW-11 (2-4)	21I0174-12	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-SW-11 (8-10)	21I0174-13	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-SW-12 (2-4)	21I0174-14	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-SW-12 (4-6)	21I0174-15	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-SW-13 (1-3)	21I0174-16	Soil		SM 2540G	
				SW-846 8260C-D	
EXT-SW-13 (8-10)	21I0174-17	Soil		SM 2540G	
				SW-846 8260C-D	
TB	21I0174-18	Soil		SW-846 8260C-D	
DUP	21I0174-19	Soil		SM 2540G	
				SW-846 8260C-D	

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CASE NARRATIVE SUMMARY

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

SW-846 8260C-D

Qualifications:

L-07

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

Chloroethane
B289675-BS1

trans-1,4-Dichloro-2-butene
B289675-BS1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

21I0174-01[EXT-W-5 (6-8)], 21I0174-03[EXT-W-6 (5-7)], 21I0174-07[EXT-SW-8 (8-10)], 21I0174-10[EXT-SW-10 (6-8)], 21I0174- 11[EXT-SW-10 (8-10)], 21I0174-19[DUP]

RL-13

Elevated reporting limit due to high concentration of non-target compounds.

Analyte & Samples(s) Qualified:

21I0174-08[EXT-SW-9 (2-4)], 21I0174-09[EXT-SW-9 (6-8)]

V-05

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

Analyte & Samples(s) Qualified:

Dichlorodifluoromethane (Freon 12
21I0174-04[EXT-SW-7 (1-3)], 21I0174-05[EXT-SW-7 (5-7)], 21I0174-12[EXT-SW-11 (2-4)], 21I0174-13[EXT-SW-11 (8-10)], 21I0174-14[EXT-SW-12 (2-4)], 21I0174-15[EXT-SW-12 (4-6)], 21I0174-16[EXT-SW-13 (1-3)], 21I0174-17[EXT-SW-13 (8-10)], 21I0174-18[TB], B289676-BLK1, B289676-BS1, B289676-BSD1

V-20

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

Analyte & Samples(s) Qualified:

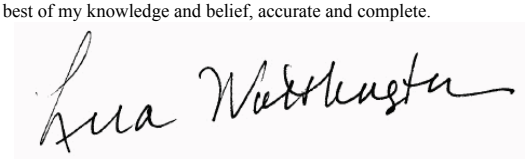
Bromochloromethane
B289675-BS1, B289675-BSD1

Chloroethane
B289675-BS1, B289675-BSD1

trans-1,4-Dichloro-2-butene
B289675-BS1, B289675-BSD1

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



Lisa A. Worthington
Technical Representative

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

Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-W-5 (6-8) | Sampled: 9/2/2021 10:40

Sample ID: 21I0174-01

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.13	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
Bromodichloromethane	ND	0.13	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
Carbon Tetrachloride	ND	0.13	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
Chlorobenzene	ND	0.13	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
Chlorodibromomethane	ND	0.067	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
Chloroethane	ND	0.27	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
Chloroform	ND	0.27	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
Chloromethane	ND	0.27	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
2-Chlorotoluene	ND	0.13	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
4-Chlorotoluene	ND	0.13	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.67	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
1,2-Dichlorobenzene	ND	0.13	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
1,3-Dichlorobenzene	ND	0.13	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
1,4-Dichlorobenzene	ND	0.13	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
trans-1,4-Dichloro-2-butene	ND	0.27	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.27	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
1,1-Dichloroethane	ND	0.13	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
1,2-Dichloroethane	ND	0.13	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
1,1-Dichloroethylene	ND	0.13	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
cis-1,2-Dichloroethylene	3.4	0.13	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
trans-1,2-Dichloroethylene	ND	0.13	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
1,2-Dichloropropane	ND	0.13	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
1,3-Dichloropropane	ND	0.067	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
2,2-Dichloropropane	ND	0.13	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
1,1-Dichloropropene	ND	0.27	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
cis-1,3-Dichloropropene	ND	0.067	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
trans-1,3-Dichloropropene	ND	0.067	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
Hexachlorobutadiene	ND	0.13	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
Methylene Chloride	ND	0.67	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
1,1,1,2-Tetrachloroethane	ND	0.13	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
1,1,2,2-Tetrachloroethane	ND	0.067	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
Tetrachloroethylene	ND	0.13	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
1,2,3-Trichlorobenzene	ND	0.67	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
1,2,4-Trichlorobenzene	ND	0.13	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
1,3,5-Trichlorobenzene	ND	0.13	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
1,1,1-Trichloroethane	ND	0.13	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
1,1,2-Trichloroethane	ND	0.13	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
Trichloroethylene	6.4	0.13	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
Trichlorofluoromethane (Freon 11)	ND	0.27	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
1,2,3-Trichloropropane	ND	0.27	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.13	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH
Vinyl Chloride	ND	0.27	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 17:52	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-W-5 (6-8) | Sampled: 9/2/2021 10:40

Sample ID: 21I0174-01

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		85.9	70-130					9/7/21 17:52	
Toluene-d8		95.7	70-130					9/7/21 17:52	
4-Bromofluorobenzene		102	70-130					9/7/21 17:52	

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-W-5 (6-8) | Sampled: 9/2/2021 10:40

Sample ID: 21I0174-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.1		% Wt	1		SM 2540G	9/7/21	9/8/21 14:41	GLH

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-W-6 (1-3) | Sampled: 9/2/2021 09:35

Sample ID: 21I0174-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
Bromodichloromethane	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
Carbon Tetrachloride	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
Chlorobenzene	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
Chlorodibromomethane	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
Chloroethane	ND	0.10	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
Chloroform	ND	0.10	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
Chloromethane	ND	0.10	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
2-Chlorotoluene	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
4-Chlorotoluene	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
1,2-Dichlorobenzene	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
1,3-Dichlorobenzene	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
1,4-Dichlorobenzene	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
trans-1,4-Dichloro-2-butene	ND	0.10	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
1,1-Dichloroethane	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
1,2-Dichloroethane	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
1,1-Dichloroethylene	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
cis-1,2-Dichloroethylene	3.2	0.051	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
trans-1,2-Dichloroethylene	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
1,2-Dichloropropane	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
1,3-Dichloropropane	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
2,2-Dichloropropane	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
1,1-Dichloropropene	ND	0.10	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
cis-1,3-Dichloropropene	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
trans-1,3-Dichloropropene	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
Hexachlorobutadiene	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
Methylene Chloride	ND	0.25	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
1,1,1,2-Tetrachloroethane	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
Tetrachloroethylene	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
1,2,3-Trichlorobenzene	ND	0.25	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
1,2,4-Trichlorobenzene	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
1,3,5-Trichlorobenzene	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
1,1,1-Trichloroethane	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
1,1,2-Trichloroethane	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
Trichloroethylene	0.16	0.051	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
1,2,3-Trichloropropane	ND	0.10	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.051	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH
Vinyl Chloride	0.20	0.10	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:30	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-W-6 (1-3) | Sampled: 9/2/2021 09:35

Sample ID: 21I0174-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		94.3	70-130					9/7/21 16:30	
Toluene-d8		97.9	70-130					9/7/21 16:30	
4-Bromofluorobenzene		112	70-130					9/7/21 16:30	

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-W-6 (1-3) | Sampled: 9/2/2021 09:35

Sample ID: 21I0174-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.9		% Wt	1		SM 2540G	9/7/21	9/8/21 14:41	GLH

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-W-6 (5-7) | Sampled: 9/2/2021 09:55

Sample ID: 21I0174-03

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.091	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
Bromodichloromethane	ND	0.091	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
Carbon Tetrachloride	ND	0.091	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
Chlorobenzene	ND	0.091	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
Chlorodibromomethane	ND	0.045	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
Chloroethane	ND	0.18	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
Chloroform	ND	0.18	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
Chloromethane	ND	0.18	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
2-Chlorotoluene	ND	0.091	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
4-Chlorotoluene	ND	0.091	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.45	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
1,2-Dichlorobenzene	ND	0.091	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
1,3-Dichlorobenzene	ND	0.091	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
1,4-Dichlorobenzene	ND	0.091	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
trans-1,4-Dichloro-2-butene	ND	0.18	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.18	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
1,1-Dichloroethane	ND	0.091	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
1,2-Dichloroethane	ND	0.091	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
1,1-Dichloroethylene	ND	0.091	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
cis-1,2-Dichloroethylene	1.3	0.091	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
trans-1,2-Dichloroethylene	ND	0.091	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
1,2-Dichloropropane	ND	0.091	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
1,3-Dichloropropane	ND	0.045	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
2,2-Dichloropropane	ND	0.091	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
1,1-Dichloropropene	ND	0.18	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
cis-1,3-Dichloropropene	ND	0.045	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
trans-1,3-Dichloropropene	ND	0.045	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
Hexachlorobutadiene	ND	0.091	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
Methylene Chloride	ND	0.45	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
1,1,1,2-Tetrachloroethane	ND	0.091	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
1,1,2,2-Tetrachloroethane	ND	0.045	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
Tetrachloroethylene	ND	0.091	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
1,2,3-Trichlorobenzene	ND	0.45	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
1,2,4-Trichlorobenzene	ND	0.091	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
1,3,5-Trichlorobenzene	ND	0.091	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
1,1,1-Trichloroethane	ND	0.091	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
1,1,2-Trichloroethane	ND	0.091	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
Trichloroethylene	4.4	0.091	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
Trichlorofluoromethane (Freon 11)	ND	0.18	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
1,2,3-Trichloropropane	ND	0.18	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.091	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH
Vinyl Chloride	ND	0.18	mg/Kg dry	2		SW-846 8260C-D	9/7/21	9/7/21 18:19	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-W-6 (5-7) | Sampled: 9/2/2021 09:55

Sample ID: 21I0174-03

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		86.6	70-130					9/7/21 18:19	
Toluene-d8		95.7	70-130					9/7/21 18:19	
4-Bromofluorobenzene		102	70-130					9/7/21 18:19	

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-W-6 (5-7) | Sampled: 9/2/2021 09:55

Sample ID: 21I0174-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.6		% Wt	1		SM 2540G	9/7/21	9/8/21 14:42	GLH

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-7 (1-3) | Sampled: 9/2/2021 11:00

Sample ID: 21I0174-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
Bromodichloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
Carbon Tetrachloride	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
Chlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
Chlorodibromomethane	ND	0.00091	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
Chloroethane	ND	0.018	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
Chloroform	ND	0.0037	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
Chloromethane	ND	0.0091	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
2-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
4-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
1,2-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
1,3-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
1,4-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
trans-1,4-Dichloro-2-butene	ND	0.0037	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.018	mg/Kg dry	1	V-05	SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
1,1-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
1,2-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
1,1-Dichloroethylene	ND	0.0037	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
cis-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
trans-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
1,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
1,3-Dichloropropane	ND	0.00091	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
2,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
1,1-Dichloropropene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
cis-1,3-Dichloropropene	ND	0.00091	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
trans-1,3-Dichloropropene	ND	0.00091	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
Hexachlorobutadiene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
Methylene Chloride	ND	0.018	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
1,1,1,2-Tetrachloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
1,1,2,2-Tetrachloroethane	ND	0.00091	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
Tetrachloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
1,2,3-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
1,2,4-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
1,3,5-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
1,1,1-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
1,1,2-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
Trichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0091	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
1,2,3-Trichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0091	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF
Vinyl Chloride	ND	0.0091	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 9:37	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-7 (1-3) | Sampled: 9/2/2021 11:00

Sample ID: 21I0174-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		98.8	70-130					9/7/21 9:37	
Toluene-d8		99.1	70-130					9/7/21 9:37	
4-Bromofluorobenzene		98.8	70-130					9/7/21 9:37	

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-7 (1-3) | Sampled: 9/2/2021 11:00

Sample ID: 21I0174-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.9		% Wt	1		SM 2540G	9/7/21	9/8/21 14:42	GLH

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-7 (5-7) | Sampled: 9/2/2021 11:15

Sample ID: 21I0174-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
Bromodichloromethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
Carbon Tetrachloride	ND	0.0027	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
Chlorobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
Chlorodibromomethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
Chloroethane	ND	0.027	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
Chloroform	ND	0.0053	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
Chloromethane	ND	0.013	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
2-Chlorotoluene	ND	0.0027	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
4-Chlorotoluene	ND	0.0027	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0027	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
1,2-Dichlorobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
1,3-Dichlorobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
1,4-Dichlorobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
trans-1,4-Dichloro-2-butene	ND	0.0053	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.027	mg/Kg dry	1	V-05	SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
1,1-Dichloroethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
1,2-Dichloroethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
1,1-Dichloroethylene	ND	0.0053	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
cis-1,2-Dichloroethylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
trans-1,2-Dichloroethylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
1,2-Dichloropropane	ND	0.0027	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
1,3-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
2,2-Dichloropropane	ND	0.0027	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
1,1-Dichloropropene	ND	0.0027	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
cis-1,3-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
trans-1,3-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
Hexachlorobutadiene	ND	0.0027	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
Methylene Chloride	ND	0.027	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
1,1,1,2-Tetrachloroethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
1,1,2,2-Tetrachloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
Tetrachloroethylene	0.0032	0.0027	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
1,2,3-Trichlorobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
1,2,4-Trichlorobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
1,3,5-Trichlorobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
1,1,1-Trichloroethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
1,1,2-Trichloroethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
Trichloroethylene	0.013	0.0027	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
Trichlorofluoromethane (Freon 11)	ND	0.013	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
1,2,3-Trichloropropane	ND	0.0027	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.013	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF
Vinyl Chloride	ND	0.013	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 7:43	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-7 (5-7) | Sampled: 9/2/2021 11:15

Sample ID: 21I0174-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		98.6	70-130					9/7/21 7:43	
Toluene-d8		99.6	70-130					9/7/21 7:43	
4-Bromofluorobenzene		97.6	70-130					9/7/21 7:43	

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-7 (5-7) | Sampled: 9/2/2021 11:15

Sample ID: 21I0174-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.9		% Wt	1		SM 2540G	9/7/21	9/8/21 14:42	GLH

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-8 (1-3) | Sampled: 9/2/2021 11:30

Sample ID: 21I0174-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.044	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
Bromodichloromethane	ND	0.044	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
Carbon Tetrachloride	ND	0.044	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
Chlorobenzene	ND	0.044	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
Chlorodibromomethane	ND	0.022	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
Chloroethane	ND	0.088	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
Chloroform	ND	0.088	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
Chloromethane	ND	0.088	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
2-Chlorotoluene	ND	0.044	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
4-Chlorotoluene	ND	0.044	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.22	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
1,2-Dichlorobenzene	ND	0.044	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
1,3-Dichlorobenzene	ND	0.044	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
1,4-Dichlorobenzene	ND	0.044	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
trans-1,4-Dichloro-2-butene	ND	0.088	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.088	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
1,1-Dichloroethane	ND	0.044	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
1,2-Dichloroethane	ND	0.044	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
1,1-Dichloroethylene	ND	0.044	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
cis-1,2-Dichloroethylene	ND	0.044	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
trans-1,2-Dichloroethylene	ND	0.044	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
1,2-Dichloropropane	ND	0.044	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
1,3-Dichloropropane	ND	0.022	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
2,2-Dichloropropane	ND	0.044	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
1,1-Dichloropropene	ND	0.088	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
cis-1,3-Dichloropropene	ND	0.022	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
trans-1,3-Dichloropropene	ND	0.022	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
Hexachlorobutadiene	ND	0.044	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
Methylene Chloride	ND	0.22	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
1,1,1,2-Tetrachloroethane	ND	0.044	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
1,1,2,2-Tetrachloroethane	ND	0.022	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
Tetrachloroethylene	ND	0.044	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
1,2,3-Trichlorobenzene	ND	0.22	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
1,2,4-Trichlorobenzene	ND	0.044	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
1,3,5-Trichlorobenzene	ND	0.044	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
1,1,1-Trichloroethane	ND	0.044	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
1,1,2-Trichloroethane	ND	0.044	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
Trichloroethylene	0.088	0.044	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
Trichlorofluoromethane (Freon 11)	ND	0.088	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
1,2,3-Trichloropropane	ND	0.088	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.044	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH
Vinyl Chloride	ND	0.088	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 16:03	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-8 (1-3) | Sampled: 9/2/2021 11:30

Sample ID: 21I0174-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		94.3	70-130					9/7/21 16:03	
Toluene-d8		97.8	70-130					9/7/21 16:03	
4-Bromofluorobenzene		98.7	70-130					9/7/21 16:03	

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-8 (1-3) | Sampled: 9/2/2021 11:30

Sample ID: 21I0174-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.9		% Wt	1		SM 2540G	9/7/21	9/8/21 14:42	GLH

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-8 (8-10) | Sampled: 9/2/2021 11:45

Sample ID: 21I0174-07

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.15	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
Bromodichloromethane	ND	0.15	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
Carbon Tetrachloride	ND	0.15	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
Chlorobenzene	ND	0.15	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
Chlorodibromomethane	ND	0.074	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
Chloroethane	ND	0.30	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
Chloroform	ND	0.30	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
Chloromethane	ND	0.30	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
2-Chlorotoluene	ND	0.15	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
4-Chlorotoluene	ND	0.15	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.74	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
1,2-Dichlorobenzene	ND	0.15	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
1,3-Dichlorobenzene	ND	0.15	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
1,4-Dichlorobenzene	ND	0.15	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
trans-1,4-Dichloro-2-butene	ND	0.30	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.30	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
1,1-Dichloroethane	ND	0.15	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
1,2-Dichloroethane	ND	0.15	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
1,1-Dichloroethylene	ND	0.15	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
cis-1,2-Dichloroethylene	ND	0.15	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
trans-1,2-Dichloroethylene	ND	0.15	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
1,2-Dichloropropane	ND	0.15	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
1,3-Dichloropropane	ND	0.074	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
2,2-Dichloropropane	ND	0.15	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
1,1-Dichloropropene	ND	0.30	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
cis-1,3-Dichloropropene	ND	0.074	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
trans-1,3-Dichloropropene	ND	0.074	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
Hexachlorobutadiene	ND	0.15	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
Methylene Chloride	ND	0.74	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
1,1,1,2-Tetrachloroethane	ND	0.15	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
1,1,2,2-Tetrachloroethane	ND	0.074	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
Tetrachloroethylene	ND	0.15	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
1,2,3-Trichlorobenzene	ND	0.74	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
1,2,4-Trichlorobenzene	ND	0.15	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
1,3,5-Trichlorobenzene	ND	0.15	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
1,1,1-Trichloroethane	ND	0.15	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
1,1,2-Trichloroethane	ND	0.15	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
Trichloroethylene	7.8	0.15	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
Trichlorofluoromethane (Freon 11)	ND	0.30	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
1,2,3-Trichloropropane	ND	0.30	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.15	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH
Vinyl Chloride	ND	0.30	mg/Kg dry	4		SW-846 8260C-D	9/7/21	9/7/21 18:46	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-8 (8-10) | Sampled: 9/2/2021 11:45

Sample ID: 21I0174-07

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		87.1	70-130					9/7/21 18:46	
Toluene-d8		95.8	70-130					9/7/21 18:46	
4-Bromofluorobenzene		101	70-130					9/7/21 18:46	

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-8 (8-10) | Sampled: 9/2/2021 11:45

Sample ID: 21I0174-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.7		% Wt	1		SM 2540G	9/7/21	9/8/21 14:42	GLH

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-9 (2-4) | Sampled: 9/2/2021 12:15

Sample ID: 21I0174-08

Sample Matrix: Soil

Sample Flags: RL-13

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.26	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
Bromodichloromethane	ND	0.26	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
Carbon Tetrachloride	ND	0.26	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
Chlorobenzene	ND	0.26	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
Chlorodibromomethane	ND	0.13	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
Chloroethane	ND	0.52	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
Chloroform	ND	0.52	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
Chloromethane	ND	0.52	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
2-Chlorotoluene	ND	0.26	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
4-Chlorotoluene	ND	0.26	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.3	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
1,2-Dichlorobenzene	ND	0.26	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
1,3-Dichlorobenzene	ND	0.26	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
1,4-Dichlorobenzene	ND	0.26	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
trans-1,4-Dichloro-2-butene	ND	0.52	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.52	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
1,1-Dichloroethane	ND	0.26	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
1,2-Dichloroethane	ND	0.26	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
1,1-Dichloroethylene	ND	0.26	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
cis-1,2-Dichloroethylene	ND	0.26	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
trans-1,2-Dichloroethylene	ND	0.26	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
1,2-Dichloropropane	ND	0.26	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
1,3-Dichloropropane	ND	0.13	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
2,2-Dichloropropane	ND	0.26	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
1,1-Dichloropropene	ND	0.52	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
cis-1,3-Dichloropropene	ND	0.13	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
trans-1,3-Dichloropropene	ND	0.13	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
Hexachlorobutadiene	ND	0.26	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
Methylene Chloride	ND	1.3	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
1,1,1,2-Tetrachloroethane	ND	0.26	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
1,1,2,2-Tetrachloroethane	ND	0.13	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
Tetrachloroethylene	ND	0.26	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
1,2,3-Trichlorobenzene	ND	1.3	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
1,2,4-Trichlorobenzene	ND	0.26	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
1,3,5-Trichlorobenzene	ND	0.26	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
1,1,1-Trichloroethane	ND	0.26	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
1,1,2-Trichloroethane	ND	0.26	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
Trichloroethylene	ND	0.26	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
Trichlorofluoromethane (Freon 11)	ND	0.52	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
1,2,3-Trichloropropane	ND	0.52	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.26	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH
Vinyl Chloride	ND	0.52	mg/Kg dry	5		SW-846 8260C-D	9/7/21	9/7/21 16:57	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-9 (2-4) | Sampled: 9/2/2021 12:15

Sample ID: 21I0174-08

Sample Matrix: Soil

Sample Flags: RL-13

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		89.4	70-130					9/7/21 16:57	
Toluene-d8		97.2	70-130					9/7/21 16:57	
4-Bromofluorobenzene		111	70-130					9/7/21 16:57	

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-9 (2-4) | Sampled: 9/2/2021 12:15

Sample ID: 21I0174-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.2		% Wt	1		SM 2540G	9/7/21	9/8/21 14:42	GLH

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-9 (6-8) | Sampled: 9/2/2021 12:35

Sample ID: 21I0174-09

Sample Matrix: Soil

Sample Flags: RL-13

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.57	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
Bromodichloromethane	ND	0.57	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
Carbon Tetrachloride	ND	0.57	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
Chlorobenzene	ND	0.57	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
Chlorodibromomethane	ND	0.29	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
Chloroethane	ND	1.1	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
Chloroform	ND	1.1	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
Chloromethane	ND	1.1	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
2-Chlorotoluene	ND	0.57	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
4-Chlorotoluene	ND	0.57	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.9	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
1,2-Dichlorobenzene	ND	0.57	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
1,3-Dichlorobenzene	ND	0.57	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
1,4-Dichlorobenzene	ND	0.57	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
trans-1,4-Dichloro-2-butene	ND	1.1	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
Dichlorodifluoromethane (Freon 12)	ND	1.1	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
1,1-Dichloroethane	ND	0.57	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
1,2-Dichloroethane	ND	0.57	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
1,1-Dichloroethylene	ND	0.57	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
cis-1,2-Dichloroethylene	ND	0.57	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
trans-1,2-Dichloroethylene	ND	0.57	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
1,2-Dichloropropane	ND	0.57	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
1,3-Dichloropropane	ND	0.29	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
2,2-Dichloropropane	ND	0.57	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
1,1-Dichloropropene	ND	1.1	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
cis-1,3-Dichloropropene	ND	0.29	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
trans-1,3-Dichloropropene	ND	0.29	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
Hexachlorobutadiene	ND	0.57	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
Methylene Chloride	ND	2.9	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
1,1,1,2-Tetrachloroethane	ND	0.57	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
1,1,2,2-Tetrachloroethane	ND	0.29	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
Tetrachloroethylene	ND	0.57	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
1,2,3-Trichlorobenzene	ND	2.9	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
1,2,4-Trichlorobenzene	ND	0.57	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
1,3,5-Trichlorobenzene	ND	0.57	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
1,1,1-Trichloroethane	ND	0.57	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
1,1,2-Trichloroethane	ND	0.57	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
Trichloroethylene	ND	0.57	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
Trichlorofluoromethane (Freon 11)	ND	1.1	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
1,2,3-Trichloropropane	ND	1.1	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.57	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH
Vinyl Chloride	ND	1.1	mg/Kg dry	10		SW-846 8260C-D	9/7/21	9/7/21 17:25	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-9 (6-8) | Sampled: 9/2/2021 12:35

Sample ID: 21I0174-09

Sample Matrix: Soil

Sample Flags: RL-13

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		87.4	70-130					9/7/21 17:25	
Toluene-d8		96.7	70-130					9/7/21 17:25	
4-Bromofluorobenzene		123	70-130					9/7/21 17:25	

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-9 (6-8) | Sampled: 9/2/2021 12:35

Sample ID: 21I0174-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.8		% Wt	1		SM 2540G	9/7/21	9/8/21 14:42	GLH

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-10 (6-8) | Sampled: 9/2/2021 13:15

Sample ID: 21I0174-10

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	3.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
Bromodichloromethane	ND	3.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
Carbon Tetrachloride	ND	3.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
Chlorobenzene	ND	3.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
Chlorodibromomethane	ND	1.6	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
Chloroethane	ND	6.3	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
Chloroform	ND	6.3	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
Chloromethane	ND	6.3	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
2-Chlorotoluene	ND	3.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
4-Chlorotoluene	ND	3.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	16	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
1,2-Dichlorobenzene	ND	3.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
1,3-Dichlorobenzene	ND	3.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
1,4-Dichlorobenzene	ND	3.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
trans-1,4-Dichloro-2-butene	ND	6.3	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
Dichlorodifluoromethane (Freon 12)	ND	6.3	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
1,1-Dichloroethane	ND	3.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
1,2-Dichloroethane	ND	3.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
1,1-Dichloroethylene	ND	3.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
cis-1,2-Dichloroethylene	ND	3.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
trans-1,2-Dichloroethylene	ND	3.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
1,2-Dichloropropane	ND	3.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
1,3-Dichloropropane	ND	1.6	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
2,2-Dichloropropane	ND	3.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
1,1-Dichloropropene	ND	6.3	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
cis-1,3-Dichloropropene	ND	1.6	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
trans-1,3-Dichloropropene	ND	1.6	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
Hexachlorobutadiene	ND	3.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
Methylene Chloride	ND	16	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
1,1,1,2-Tetrachloroethane	ND	3.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
1,1,2,2-Tetrachloroethane	ND	1.6	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
Tetrachloroethylene	ND	3.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
1,2,3-Trichlorobenzene	ND	16	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
1,2,4-Trichlorobenzene	ND	3.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
1,3,5-Trichlorobenzene	ND	3.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
1,1,1-Trichloroethane	ND	3.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
1,1,2-Trichloroethane	ND	3.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
Trichloroethylene	380	3.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
Trichlorofluoromethane (Freon 11)	ND	6.3	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
1,2,3-Trichloropropane	ND	6.3	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	3.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH
Vinyl Chloride	ND	6.3	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 19:41	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-10 (6-8) | Sampled: 9/2/2021 13:15

Sample ID: 21I0174-10

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		84.2	70-130					9/7/21 19:41	
Toluene-d8		95.0	70-130					9/7/21 19:41	
4-Bromofluorobenzene		101	70-130					9/7/21 19:41	

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-10 (6-8) | Sampled: 9/2/2021 13:15

Sample ID: 21I0174-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.1		% Wt	1		SM 2540G	9/7/21	9/8/21 14:42	GLH

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-10 (8-10) | Sampled: 9/2/2021 13:25

Sample ID: 21I0174-11

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	2.5	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
Bromodichloromethane	ND	2.5	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
Carbon Tetrachloride	ND	2.5	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
Chlorobenzene	ND	2.5	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
Chlorodibromomethane	ND	1.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
Chloroethane	ND	4.9	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
Chloroform	ND	4.9	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
Chloromethane	ND	4.9	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
2-Chlorotoluene	ND	2.5	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
4-Chlorotoluene	ND	2.5	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	12	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
1,2-Dichlorobenzene	ND	2.5	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
1,3-Dichlorobenzene	ND	2.5	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
1,4-Dichlorobenzene	ND	2.5	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
trans-1,4-Dichloro-2-butene	ND	4.9	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
Dichlorodifluoromethane (Freon 12)	ND	4.9	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
1,1-Dichloroethane	ND	2.5	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
1,2-Dichloroethane	ND	2.5	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
1,1-Dichloroethylene	ND	2.5	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
cis-1,2-Dichloroethylene	ND	2.5	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
trans-1,2-Dichloroethylene	ND	2.5	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
1,2-Dichloropropane	ND	2.5	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
1,3-Dichloropropane	ND	1.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
2,2-Dichloropropane	ND	2.5	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
1,1-Dichloropropene	ND	4.9	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
cis-1,3-Dichloropropene	ND	1.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
trans-1,3-Dichloropropene	ND	1.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
Hexachlorobutadiene	ND	2.5	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
Methylene Chloride	ND	12	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
1,1,1,2-Tetrachloroethane	ND	2.5	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
1,1,2,2-Tetrachloroethane	ND	1.2	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
Tetrachloroethylene	ND	2.5	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
1,2,3-Trichlorobenzene	ND	12	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
1,2,4-Trichlorobenzene	ND	2.5	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
1,3,5-Trichlorobenzene	ND	2.5	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
1,1,1-Trichloroethane	ND	2.5	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
1,1,2-Trichloroethane	ND	2.5	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
Trichloroethylene	150	2.5	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
Trichlorofluoromethane (Freon 11)	ND	4.9	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
1,2,3-Trichloropropane	ND	4.9	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.5	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH
Vinyl Chloride	ND	4.9	mg/Kg dry	50		SW-846 8260C-D	9/7/21	9/7/21 20:08	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-10 (8-10) | Sampled: 9/2/2021 13:25

Sample ID: 21I0174-11

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		84.8	70-130					9/7/21 20:08	
Toluene-d8		95.4	70-130					9/7/21 20:08	
4-Bromofluorobenzene		102	70-130					9/7/21 20:08	

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-10 (8-10) | Sampled: 9/2/2021 13:25

Sample ID: 21I0174-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.9		% Wt	1		SM 2540G	9/7/21	9/8/21 14:42	GLH

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-11 (2-4) | Sampled: 9/2/2021 13:45

Sample ID: 21I0174-12

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
Bromodichloromethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
Carbon Tetrachloride	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
Chlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
Chlorodibromomethane	ND	0.00082	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
Chloroethane	ND	0.016	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
Chloroform	ND	0.0033	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
Chloromethane	ND	0.0082	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
2-Chlorotoluene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
4-Chlorotoluene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
1,2-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
1,3-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
1,4-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
trans-1,4-Dichloro-2-butene	ND	0.0033	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.016	mg/Kg dry	1	V-05	SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
1,1-Dichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
1,2-Dichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
1,1-Dichloroethylene	ND	0.0033	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
cis-1,2-Dichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
trans-1,2-Dichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
1,2-Dichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
1,3-Dichloropropane	ND	0.00082	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
2,2-Dichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
1,1-Dichloropropene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
cis-1,3-Dichloropropene	ND	0.00082	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
trans-1,3-Dichloropropene	ND	0.00082	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
Hexachlorobutadiene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
Methylene Chloride	ND	0.016	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
1,1,1,2-Tetrachloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
1,1,2,2-Tetrachloroethane	ND	0.00082	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
Tetrachloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
1,2,3-Trichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
1,2,4-Trichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
1,3,5-Trichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
1,1,1-Trichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
1,1,2-Trichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
Trichloroethylene	0.0020	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0082	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
1,2,3-Trichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0082	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF
Vinyl Chloride	ND	0.0082	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 10:05	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-11 (2-4) | Sampled: 9/2/2021 13:45

Sample ID: 21I0174-12

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		97.3	70-130					9/7/21 10:05	
Toluene-d8		98.8	70-130					9/7/21 10:05	
4-Bromofluorobenzene		98.0	70-130					9/7/21 10:05	

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-11 (2-4) | Sampled: 9/2/2021 13:45

Sample ID: 21I0174-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.1		% Wt	1		SM 2540G	9/7/21	9/8/21 14:42	GLH

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-11 (8-10) | Sampled: 9/2/2021 14:00

Sample ID: 21I0174-13

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
Bromodichloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
Carbon Tetrachloride	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
Chlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
Chlorodibromomethane	ND	0.00094	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
Chloroethane	ND	0.019	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
Chloroform	ND	0.0038	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
Chloromethane	ND	0.0094	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
2-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
4-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
1,2-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
1,3-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
1,4-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
trans-1,4-Dichloro-2-butene	ND	0.0038	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.019	mg/Kg dry	1	V-05	SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
1,1-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
1,2-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
1,1-Dichloroethylene	ND	0.0038	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
cis-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
trans-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
1,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
1,3-Dichloropropane	ND	0.00094	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
2,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
1,1-Dichloropropene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
cis-1,3-Dichloropropene	ND	0.00094	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
trans-1,3-Dichloropropene	ND	0.00094	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
Hexachlorobutadiene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
Methylene Chloride	ND	0.019	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
1,1,1,2-Tetrachloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
1,1,2,2-Tetrachloroethane	ND	0.00094	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
Tetrachloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
1,2,3-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
1,2,4-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
1,3,5-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
1,1,1-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
1,1,2-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
Trichloroethylene	0.038	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0094	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
1,2,3-Trichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0094	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF
Vinyl Chloride	ND	0.0094	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:28	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-11 (8-10) | Sampled: 9/2/2021 14:00

Sample ID: 21I0174-13

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		96.4	70-130					9/7/21 11:28	
Toluene-d8		98.6	70-130					9/7/21 11:28	
4-Bromofluorobenzene		98.7	70-130					9/7/21 11:28	

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-11 (8-10) | Sampled: 9/2/2021 14:00

Sample ID: 21I0174-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.2		% Wt	1		SM 2540G	9/7/21	9/8/21 14:42	GLH

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-12 (2-4) | Sampled: 9/2/2021 14:18

Sample ID: 21I0174-14

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
Bromodichloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
Carbon Tetrachloride	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
Chlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
Chlorodibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
Chloroethane	ND	0.023	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
Chloroform	ND	0.0047	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
Chloromethane	ND	0.012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
2-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
4-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
1,2-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
1,3-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
1,4-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
trans-1,4-Dichloro-2-butene	ND	0.0047	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	mg/Kg dry	1	V-05	SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
1,1-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
1,2-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
1,1-Dichloroethylene	ND	0.0047	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
cis-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
trans-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
1,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
2,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
1,1-Dichloropropene	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
Hexachlorobutadiene	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
Methylene Chloride	ND	0.023	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
Tetrachloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
1,2,3-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
1,2,4-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
1,3,5-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
1,1,1-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
1,1,2-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
Trichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
1,2,3-Trichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 11:55	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-12 (2-4) | Sampled: 9/2/2021 14:18

Sample ID: 21I0174-14

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		95.1	70-130					9/7/21 11:55	
Toluene-d8		98.3	70-130					9/7/21 11:55	
4-Bromofluorobenzene		102	70-130					9/7/21 11:55	

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-12 (2-4) | Sampled: 9/2/2021 14:18

Sample ID: 21I0174-14

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	79.7		% Wt	1		SM 2540G	9/7/21	9/8/21 14:43	GLH

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-12 (4-6) | Sampled: 9/2/2021 14:25

Sample ID: 21I0174-15

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
Bromodichloromethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
Carbon Tetrachloride	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
Chlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
Chlorodibromomethane	ND	0.00062	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
Chloroethane	ND	0.012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
Chloroform	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
Chloromethane	ND	0.0062	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
2-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
4-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
1,2-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
1,3-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
1,4-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
trans-1,4-Dichloro-2-butene	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.012	mg/Kg dry	1	V-05	SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
1,1-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
1,2-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
1,1-Dichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
cis-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
trans-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
1,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
1,3-Dichloropropane	ND	0.00062	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
2,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
1,1-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
cis-1,3-Dichloropropene	ND	0.00062	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
trans-1,3-Dichloropropene	ND	0.00062	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
Hexachlorobutadiene	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
Methylene Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
1,1,1,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
1,1,2,2-Tetrachloroethane	ND	0.00062	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
Tetrachloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
1,2,3-Trichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
1,2,4-Trichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
1,3,5-Trichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
1,1,1-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
1,1,2-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
Trichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0062	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
1,2,3-Trichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0062	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF
Vinyl Chloride	ND	0.0062	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:24	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-12 (4-6) | Sampled: 9/2/2021 14:25

Sample ID: 21I0174-15

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		94.6	70-130					9/7/21 12:24	
Toluene-d8		98.8	70-130					9/7/21 12:24	
4-Bromofluorobenzene		102	70-130					9/7/21 12:24	

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-12 (4-6) | Sampled: 9/2/2021 14:25

Sample ID: 21I0174-15

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.4		% Wt	1		SM 2540G	9/7/21	9/8/21 14:43	GLH

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-13 (1-3) | Sampled: 9/2/2021 14:35

Sample ID: 21I0174-16

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
Bromodichloromethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
Carbon Tetrachloride	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
Chlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
Chlorodibromomethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
Chloroethane	ND	0.026	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
Chloroform	ND	0.0052	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
Chloromethane	ND	0.013	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
2-Chlorotoluene	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
4-Chlorotoluene	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
1,2-Dichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
1,3-Dichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
1,4-Dichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
trans-1,4-Dichloro-2-butene	ND	0.0052	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.026	mg/Kg dry	1	V-05	SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
1,1-Dichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
1,2-Dichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
1,1-Dichloroethylene	ND	0.0052	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
cis-1,2-Dichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
trans-1,2-Dichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
1,2-Dichloropropane	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
1,3-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
2,2-Dichloropropane	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
1,1-Dichloropropene	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
cis-1,3-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
trans-1,3-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
Hexachlorobutadiene	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
Methylene Chloride	ND	0.026	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
1,1,1,2-Tetrachloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
1,1,2,2-Tetrachloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
Tetrachloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
1,2,3-Trichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
1,2,4-Trichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
1,3,5-Trichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
1,1,1-Trichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
1,1,2-Trichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
Trichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
Trichlorofluoromethane (Freon 11)	ND	0.013	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
1,2,3-Trichloropropane	ND	0.0026	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.013	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF
Vinyl Chloride	ND	0.013	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 12:51	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-13 (1-3) | Sampled: 9/2/2021 14:35

Sample ID: 21I0174-16

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		95.2	70-130					9/7/21 12:51	
Toluene-d8		96.6	70-130					9/7/21 12:51	
4-Bromofluorobenzene		99.7	70-130					9/7/21 12:51	

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-13 (1-3) | Sampled: 9/2/2021 14:35

Sample ID: 21I0174-16

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.7		% Wt	1		SM 2540G	9/7/21	9/8/21 14:43	GLH

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-13 (8-10) | Sampled: 9/2/2021 15:24

Sample ID: 21I0174-17

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
Bromodichloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
Carbon Tetrachloride	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
Chlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
Chlorodibromomethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
Chloroethane	ND	0.021	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
Chloroform	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
Chloromethane	ND	0.010	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
2-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
4-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
1,2-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
1,3-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
1,4-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
trans-1,4-Dichloro-2-butene	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	mg/Kg dry	1	V-05	SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
1,1-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
1,2-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
1,1-Dichloroethylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
cis-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
trans-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
1,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
2,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
1,1-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
Methylene Chloride	ND	0.021	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
Tetrachloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
1,2,3-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
1,2,4-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
1,3,5-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
1,1,1-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
1,1,2-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
Trichloroethylene	0.0022	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
1,2,3-Trichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF
Vinyl Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260C-D	9/7/21	9/7/21 13:18	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-13 (8-10) | Sampled: 9/2/2021 15:24

Sample ID: 21I0174-17

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		94.5	70-130					9/7/21 13:18	
Toluene-d8		98.6	70-130					9/7/21 13:18	
4-Bromofluorobenzene		101	70-130					9/7/21 13:18	

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

Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: EXT-SW-13 (8-10) | Sampled: 9/2/2021 15:24

Sample ID: 21I0174-17

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.8		% Wt	1		SM 2540G	9/7/21	9/8/21 14:43	GLH

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

Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: TB | Sampled: 9/2/2021 00:00

Sample ID: 21I0174-18

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
Bromodichloromethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
Carbon Tetrachloride	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
Chlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
Chlorodibromomethane	ND	0.0010	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
Chloroethane	ND	0.020	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
Chloroform	ND	0.0040	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
Chloromethane	ND	0.010	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet	1	V-05	SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
Methylene Chloride	ND	0.020	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
Trichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF
Vinyl Chloride	ND	0.010	mg/Kg wet	1		SW-846 8260C-D	9/7/21	9/7/21 7:15	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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

Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: TB | Sampled: 9/2/2021 00:00

Sample ID: 21I0174-18

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		98.1	70-130					9/7/21 7:15	
Toluene-d8		99.2	70-130					9/7/21 7:15	
4-Bromofluorobenzene		99.1	70-130					9/7/21 7:15	

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: DUP | Sampled: 9/2/2021 00:00

Sample ID: 21I0174-19

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromochloromethane	ND	4.2	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
Bromodichloromethane	ND	4.2	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
Carbon Tetrachloride	ND	4.2	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
Chlorobenzene	ND	4.2	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
Chlorodibromomethane	ND	2.1	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
Chloroethane	ND	8.4	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
Chloroform	ND	8.4	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
Chloromethane	ND	8.4	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
2-Chlorotoluene	ND	4.2	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
4-Chlorotoluene	ND	4.2	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	21	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
1,2-Dichlorobenzene	ND	4.2	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
1,3-Dichlorobenzene	ND	4.2	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
1,4-Dichlorobenzene	ND	4.2	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
trans-1,4-Dichloro-2-butene	ND	8.4	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
Dichlorodifluoromethane (Freon 12)	ND	8.4	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
1,1-Dichloroethane	ND	4.2	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
1,2-Dichloroethane	ND	4.2	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
1,1-Dichloroethylene	ND	4.2	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
cis-1,2-Dichloroethylene	ND	4.2	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
trans-1,2-Dichloroethylene	ND	4.2	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
1,2-Dichloropropane	ND	4.2	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
1,3-Dichloropropane	ND	2.1	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
2,2-Dichloropropane	ND	4.2	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
1,1-Dichloropropene	ND	8.4	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
cis-1,3-Dichloropropene	ND	2.1	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
trans-1,3-Dichloropropene	ND	2.1	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
Hexachlorobutadiene	ND	4.2	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
Methylene Chloride	ND	21	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
1,1,1,2-Tetrachloroethane	ND	4.2	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
1,1,2,2-Tetrachloroethane	ND	2.1	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
Tetrachloroethylene	ND	4.2	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
1,2,3-Trichlorobenzene	ND	21	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
1,2,4-Trichlorobenzene	ND	4.2	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
1,3,5-Trichlorobenzene	ND	4.2	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
1,1,1-Trichloroethane	ND	4.2	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
1,1,2-Trichloroethane	ND	4.2	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
Trichloroethylene	400	4.2	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
Trichlorofluoromethane (Freon 11)	ND	8.4	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
1,2,3-Trichloropropane	ND	8.4	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	4.2	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH
Vinyl Chloride	ND	8.4	mg/Kg dry	100		SW-846 8260C-D	9/7/21	9/7/21 19:14	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: DUP | Sampled: 9/2/2021 00:00

Sample ID: 21I0174-19

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
1,2-Dichloroethane-d4		85.1	70-130					9/7/21 19:14	
Toluene-d8		95.0	70-130					9/7/21 19:14	
4-Bromofluorobenzene		102	70-130					9/7/21 19:14	

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Project Location: Whitesboro, NY | Sample Description: | Work Order: 21I0174

Date Received: 9/3/2021

Field Sample #: DUP | Sampled: 9/2/2021 00:00

Sample ID: 21I0174-19

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.0		% Wt	1		SM 2540G	9/7/21	9/8/21 14:43	GLH

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Sample Extraction Data

Prep Method: % Solids **Analytical Method: SM 2540G**

Lab Number [Field ID]	Batch	Date
21I0174-01 [EXT-W-5 (6-8)]	B289747	09/07/21
21I0174-02 [EXT-W-6 (1-3)]	B289747	09/07/21
21I0174-03 [EXT-W-6 (5-7)]	B289747	09/07/21
21I0174-04 [EXT-SW-7 (1-3)]	B289747	09/07/21
21I0174-05 [EXT-SW-7 (5-7)]	B289747	09/07/21
21I0174-06 [EXT-SW-8 (1-3)]	B289747	09/07/21
21I0174-07 [EXT-SW-8 (8-10)]	B289747	09/07/21
21I0174-08 [EXT-SW-9 (2-4)]	B289747	09/07/21
21I0174-09 [EXT-SW-9 (6-8)]	B289747	09/07/21
21I0174-10 [EXT-SW-10 (6-8)]	B289747	09/07/21
21I0174-11 [EXT-SW-10 (8-10)]	B289747	09/07/21
21I0174-12 [EXT-SW-11 (2-4)]	B289747	09/07/21
21I0174-13 [EXT-SW-11 (8-10)]	B289747	09/07/21
21I0174-14 [EXT-SW-12 (2-4)]	B289747	09/07/21
21I0174-15 [EXT-SW-12 (4-6)]	B289747	09/07/21
21I0174-16 [EXT-SW-13 (1-3)]	B289747	09/07/21
21I0174-17 [EXT-SW-13 (8-10)]	B289747	09/07/21
21I0174-19 [DUP]	B289747	09/07/21

Prep Method: SW-846 5035 **Analytical Method: SW-846 8260C-D**

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
21I0174-01 [EXT-W-5 (6-8)]	B289675	4.95	5.69	0.5	50	09/07/21
21I0174-02 [EXT-W-6 (1-3)]	B289675	7.28	6.17	1	50	09/07/21
21I0174-03 [EXT-W-6 (5-7)]	B289675	7.45	5.92	0.5	50	09/07/21
21I0174-06 [EXT-SW-8 (1-3)]	B289675	7.68	5.93	1	50	09/07/21
21I0174-07 [EXT-SW-8 (8-10)]	B289675	9.22	6.04	0.25	50	09/07/21
21I0174-08 [EXT-SW-9 (2-4)]	B289675	6.41	5.82	0.2	50	09/07/21
21I0174-09 [EXT-SW-9 (6-8)]	B289675	5.81	5.77	0.1	50	09/07/21
21I0174-10 [EXT-SW-10 (6-8)]	B289675	4.92	5.54	0.02	50	09/07/21
21I0174-11 [EXT-SW-10 (8-10)]	B289675	7.29	6.10	0.02	50	09/07/21
21I0174-19 [DUP]	B289675	7.80	5.86	0.01	50	09/07/21

Prep Method: SW-846 5035 **Analytical Method: SW-846 8260C-D**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
21I0174-04 [EXT-SW-7 (1-3)]	B289676	6.22	10.0	09/07/21
21I0174-05 [EXT-SW-7 (5-7)]	B289676	4.28	10.0	09/07/21
21I0174-12 [EXT-SW-11 (2-4)]	B289676	7.09	10.0	09/07/21
21I0174-13 [EXT-SW-11 (8-10)]	B289676	6.18	10.0	09/07/21
21I0174-14 [EXT-SW-12 (2-4)]	B289676	5.36	10.0	09/07/21
21I0174-15 [EXT-SW-12 (4-6)]	B289676	9.75	10.0	09/07/21
21I0174-16 [EXT-SW-13 (1-3)]	B289676	4.32	10.0	09/07/21
21I0174-17 [EXT-SW-13 (8-10)]	B289676	5.54	10.0	09/07/21
21I0174-18 [TB]	B289676	5.00	10.0	09/07/21

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B289675 - SW-846 5035										
Blank (B289675-BLK1)				Prepared & Analyzed: 09/07/21						
Bromochloromethane	ND	0.050	mg/Kg wet							
Bromodichloromethane	ND	0.050	mg/Kg wet							
Carbon Tetrachloride	ND	0.050	mg/Kg wet							
Chlorobenzene	ND	0.050	mg/Kg wet							
Chlorodibromomethane	ND	0.025	mg/Kg wet							
Chloroethane	ND	0.10	mg/Kg wet							
Chloroform	ND	0.10	mg/Kg wet							
Chloromethane	ND	0.10	mg/Kg wet							
2-Chlorotoluene	ND	0.050	mg/Kg wet							
4-Chlorotoluene	ND	0.050	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.050	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.10	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet							
1,1-Dichloroethane	ND	0.050	mg/Kg wet							
1,2-Dichloroethane	ND	0.050	mg/Kg wet							
1,1-Dichloroethylene	ND	0.050	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
1,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,3-Dichloropropane	ND	0.025	mg/Kg wet							
2,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,1-Dichloropropene	ND	0.10	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
Hexachlorobutadiene	ND	0.050	mg/Kg wet							
Methylene Chloride	ND	0.25	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.050	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet							
Tetrachloroethylene	ND	0.050	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.25	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.050	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.050	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.050	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.050	mg/Kg wet							
Trichloroethylene	ND	0.050	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.050	mg/Kg wet							
Vinyl Chloride	ND	0.10	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	*0.0242*		mg/Kg wet	0.0250		97.0	70-130			
Surrogate: Toluene-d8	*0.0242*		mg/Kg wet	0.0250		96.8	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0244*		mg/Kg wet	0.0250		97.8	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B289675 - SW-846 5035												
LCS (B289675-BS1)				Prepared & Analyzed: 09/07/21								
Bromochloromethane	0.0127	0.0011	mg/Kg wet	0.0113		112		70-130			V-20	
Bromodichloromethane	0.0127	0.0011	mg/Kg wet	0.0113		112		70-130				
Carbon Tetrachloride	0.0125	0.0011	mg/Kg wet	0.0113		110		70-130				
Chlorobenzene	0.0122	0.0011	mg/Kg wet	0.0113		107		70-130				
Chlorodibromomethane	0.0136	0.00057	mg/Kg wet	0.0113		120		70-130				
Chloroethane	0.0152	0.0023	mg/Kg wet	0.0113		**134**	*	70-130			L-07, V-20	
Chloroform	0.0119	0.0023	mg/Kg wet	0.0113		105		70-130				
Chloromethane	0.0112	0.0023	mg/Kg wet	0.0113		98.6		70-130				
2-Chlorotoluene	0.0107	0.0011	mg/Kg wet	0.0113		94.0		70-130				
4-Chlorotoluene	0.0116	0.0011	mg/Kg wet	0.0113		103		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0121	0.0057	mg/Kg wet	0.0113		107		70-130				
1,2-Dichlorobenzene	0.0117	0.0011	mg/Kg wet	0.0113		104		70-130				
1,3-Dichlorobenzene	0.0116	0.0011	mg/Kg wet	0.0113		102		70-130				
1,4-Dichlorobenzene	0.0115	0.0011	mg/Kg wet	0.0113		101		70-130				
trans-1,4-Dichloro-2-butene	0.0153	0.0023	mg/Kg wet	0.0113		**135**	*	70-130			L-07, V-20	
Dichlorodifluoromethane (Freon 12)	0.0118	0.0023	mg/Kg wet	0.0113		104		40-160				†
1,1-Dichloroethane	0.0118	0.0011	mg/Kg wet	0.0113		104		70-130				
1,2-Dichloroethane	0.0119	0.0011	mg/Kg wet	0.0113		105		70-130				
1,1-Dichloroethylene	0.0118	0.0011	mg/Kg wet	0.0113		104		70-130				
cis-1,2-Dichloroethylene	0.0119	0.0011	mg/Kg wet	0.0113		105		70-130				
trans-1,2-Dichloroethylene	0.0108	0.0011	mg/Kg wet	0.0113		94.9		70-130				
1,2-Dichloropropane	0.0121	0.0011	mg/Kg wet	0.0113		107		70-130				
1,3-Dichloropropane	0.0130	0.00057	mg/Kg wet	0.0113		114		70-130				
2,2-Dichloropropane	0.0123	0.0011	mg/Kg wet	0.0113		109		70-130				
1,1-Dichloropropene	0.0113	0.0023	mg/Kg wet	0.0113		99.3		70-130				
cis-1,3-Dichloropropene	0.0124	0.00057	mg/Kg wet	0.0113		110		70-130				
trans-1,3-Dichloropropene	0.0128	0.00057	mg/Kg wet	0.0113		113		70-130				
Hexachlorobutadiene	0.0116	0.0011	mg/Kg wet	0.0113		102		70-160				
Methylene Chloride	0.0130	0.0057	mg/Kg wet	0.0113		114		40-160				†
1,1,1,2-Tetrachloroethane	0.0134	0.0011	mg/Kg wet	0.0113		118		70-130				
1,1,2,2-Tetrachloroethane	0.0137	0.00057	mg/Kg wet	0.0113		121		70-130				
Tetrachloroethylene	0.0125	0.0011	mg/Kg wet	0.0113		110		70-130				
1,2,3-Trichlorobenzene	0.0106	0.0057	mg/Kg wet	0.0113		93.5		70-130				
1,2,4-Trichlorobenzene	0.0104	0.0011	mg/Kg wet	0.0113		91.6		70-130				
1,3,5-Trichlorobenzene	0.0110	0.0011	mg/Kg wet	0.0113		96.7		70-130				
1,1,1-Trichloroethane	0.0119	0.0011	mg/Kg wet	0.0113		105		70-130				
1,1,2-Trichloroethane	0.0130	0.0011	mg/Kg wet	0.0113		115		70-130				
Trichloroethylene	0.0120	0.0011	mg/Kg wet	0.0113		106		70-130				
Trichlorofluoromethane (Freon 11)	0.0130	0.0023	mg/Kg wet	0.0113		115		70-130				
1,2,3-Trichloropropane	0.0137	0.0023	mg/Kg wet	0.0113		121		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0124	0.0011	mg/Kg wet	0.0113		109		70-130				
Vinyl Chloride	0.00894	0.0023	mg/Kg wet	0.0113		78.9		40-130				†
Surrogate: 1,2-Dichloroethane-d4	*0.0272*		mg/Kg wet	0.0283		96.0		70-130				
Surrogate: Toluene-d8	*0.0272*		mg/Kg wet	0.0283		96.0		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0286*		mg/Kg wet	0.0283		101		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B289675 - SW-846 5035											
LCS Dup (B289675-BSD1)				Prepared & Analyzed: 09/07/21							
Bromochloromethane	0.0125	0.0011	mg/Kg wet	0.0113		110	70-130	1.26	25	V-20	
Bromodichloromethane	0.0121	0.0011	mg/Kg wet	0.0113		107	70-130	5.30	25		
Carbon Tetrachloride	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130	4.17	25		
Chlorobenzene	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130	6.45	25		
Chlorodibromomethane	0.0127	0.00057	mg/Kg wet	0.0113		112	70-130	6.38	25		
Chloroethane	0.0141	0.0023	mg/Kg wet	0.0113		124	70-130	7.67	25	V-20	
Chloroform	0.0113	0.0023	mg/Kg wet	0.0113		99.9	70-130	5.07	25		
Chloromethane	0.0108	0.0023	mg/Kg wet	0.0113		95.7	70-130	2.99	25		
2-Chlorotoluene	0.0109	0.0011	mg/Kg wet	0.0113		95.8	70-130	1.90	25		
4-Chlorotoluene	0.0108	0.0011	mg/Kg wet	0.0113		95.2	70-130	7.58	25		
1,2-Dibromo-3-chloropropane (DBCP)	0.0105	0.0057	mg/Kg wet	0.0113		92.6	70-130	14.5	25		
1,2-Dichlorobenzene	0.0110	0.0011	mg/Kg wet	0.0113		97.3	70-130	6.18	25		
1,3-Dichlorobenzene	0.0106	0.0011	mg/Kg wet	0.0113		93.7	70-130	8.58	25		
1,4-Dichlorobenzene	0.0107	0.0011	mg/Kg wet	0.0113		94.1	70-130	7.27	25		
trans-1,4-Dichloro-2-butene	0.0134	0.0023	mg/Kg wet	0.0113		118	70-130	13.7	25	V-20	
Dichlorodifluoromethane (Freon 12)	0.0115	0.0023	mg/Kg wet	0.0113		102	40-160	2.24	25		†
1,1-Dichloroethane	0.0114	0.0011	mg/Kg wet	0.0113		100	70-130	3.71	25		
1,2-Dichloroethane	0.0112	0.0011	mg/Kg wet	0.0113		99.2	70-130	5.97	25		
1,1-Dichloroethylene	0.0112	0.0011	mg/Kg wet	0.0113		98.7	70-130	4.94	25		
cis-1,2-Dichloroethylene	0.0116	0.0011	mg/Kg wet	0.0113		102	70-130	2.51	25		
trans-1,2-Dichloroethylene	0.0105	0.0011	mg/Kg wet	0.0113		93.0	70-130	2.02	25		
1,2-Dichloropropane	0.0115	0.0011	mg/Kg wet	0.0113		101	70-130	5.10	25		
1,3-Dichloropropane	0.0121	0.00057	mg/Kg wet	0.0113		106	70-130	7.15	25		
2,2-Dichloropropane	0.0121	0.0011	mg/Kg wet	0.0113		107	70-130	1.67	25		
1,1-Dichloropropene	0.0111	0.0023	mg/Kg wet	0.0113		97.6	70-130	1.73	25		
cis-1,3-Dichloropropene	0.0124	0.00057	mg/Kg wet	0.0113		109	70-130	0.274	25		
trans-1,3-Dichloropropene	0.0121	0.00057	mg/Kg wet	0.0113		107	70-130	5.18	25		
Hexachlorobutadiene	0.0110	0.0011	mg/Kg wet	0.0113		96.7	70-160	5.53	25		
Methylene Chloride	0.0123	0.0057	mg/Kg wet	0.0113		109	40-160	5.20	25		†
1,1,1,2-Tetrachloroethane	0.0124	0.0011	mg/Kg wet	0.0113		110	70-130	7.63	25		
1,1,2,2-Tetrachloroethane	0.0126	0.00057	mg/Kg wet	0.0113		112	70-130	8.42	25		
Tetrachloroethylene	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130	4.07	25		
1,2,3-Trichlorobenzene	0.00926	0.0057	mg/Kg wet	0.0113		81.7	70-130	13.5	25		
1,2,4-Trichlorobenzene	0.00968	0.0011	mg/Kg wet	0.0113		85.4	70-130	7.01	25		
1,3,5-Trichlorobenzene	0.0101	0.0011	mg/Kg wet	0.0113		88.9	70-130	8.41	25		
1,1,1-Trichloroethane	0.0116	0.0011	mg/Kg wet	0.0113		102	70-130	2.80	25		
1,1,2-Trichloroethane	0.0125	0.0011	mg/Kg wet	0.0113		111	70-130	3.99	25		
Trichloroethylene	0.0117	0.0011	mg/Kg wet	0.0113		103	70-130	2.87	25		
Trichlorofluoromethane (Freon 11)	0.0123	0.0023	mg/Kg wet	0.0113		109	70-130	5.11	25		
1,2,3-Trichloropropane	0.0128	0.0023	mg/Kg wet	0.0113		112	70-130	6.95	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0122	0.0011	mg/Kg wet	0.0113		108	70-130	1.39	25		
Vinyl Chloride	0.00890	0.0023	mg/Kg wet	0.0113		78.5	40-130	0.508	25		†
Surrogate: 1,2-Dichloroethane-d4	*0.0272*		mg/Kg wet	0.0283		96.2	70-130				
Surrogate: Toluene-d8	*0.0273*		mg/Kg wet	0.0283		96.5	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0287*		mg/Kg wet	0.0283		101	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B289676 - SW-846 5035										
Blank (B289676-BLK1)				Prepared & Analyzed: 09/07/21						
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							V-05
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	*0.0480*		mg/Kg wet	0.0500		96.0	70-130			
Surrogate: Toluene-d8	*0.0495*		mg/Kg wet	0.0500		99.0	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0492*		mg/Kg wet	0.0500		98.3	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B289676 - SW-846 5035											
LCS (B289676-BS1)				Prepared & Analyzed: 09/07/21							
Bromochloromethane	0.0225	0.0020	mg/Kg wet	0.0200		113	70-130				
Bromodichloromethane	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130				
Carbon Tetrachloride	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130				
Chlorobenzene	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130				
Chlorodibromomethane	0.0221	0.0010	mg/Kg wet	0.0200		110	70-130				
Chloroethane	0.0212	0.020	mg/Kg wet	0.0200		106	70-130				
Chloroform	0.0207	0.0040	mg/Kg wet	0.0200		104	70-130				
Chloromethane	0.0188	0.010	mg/Kg wet	0.0200		94.1	70-130				
2-Chlorotoluene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130				
4-Chlorotoluene	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0186	0.0020	mg/Kg wet	0.0200		93.1	70-130				
1,2-Dichlorobenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.6	70-130				
1,3-Dichlorobenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130				
1,4-Dichlorobenzene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130				
trans-1,4-Dichloro-2-butene	0.0185	0.0040	mg/Kg wet	0.0200		92.4	70-130				
Dichlorodifluoromethane (Freon 12)	0.0125	0.020	mg/Kg wet	0.0200		62.5	40-160			V-05	†
1,1-Dichloroethane	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130				
1,2-Dichloroethane	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130				
1,1-Dichloroethylene	0.0202	0.0040	mg/Kg wet	0.0200		101	70-130				
cis-1,2-Dichloroethylene	0.0205	0.0020	mg/Kg wet	0.0200		103	70-130				
trans-1,2-Dichloroethylene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130				
1,2-Dichloropropane	0.0215	0.0020	mg/Kg wet	0.0200		107	70-130				
1,3-Dichloropropane	0.0199	0.0010	mg/Kg wet	0.0200		99.4	70-130				
2,2-Dichloropropane	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130				
1,1-Dichloropropene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130				
cis-1,3-Dichloropropene	0.0210	0.0010	mg/Kg wet	0.0200		105	70-130				
trans-1,3-Dichloropropene	0.0214	0.0010	mg/Kg wet	0.0200		107	70-130				
Hexachlorobutadiene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-160				
Methylene Chloride	0.0193	0.020	mg/Kg wet	0.0200		96.3	40-160				†
1,1,1,2-Tetrachloroethane	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130				
1,1,2,2-Tetrachloroethane	0.0208	0.0010	mg/Kg wet	0.0200		104	70-130				
Tetrachloroethylene	0.0213	0.0020	mg/Kg wet	0.0200		107	70-130				
1,2,3-Trichlorobenzene	0.0184	0.0020	mg/Kg wet	0.0200		92.2	70-130				
1,2,4-Trichlorobenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.3	70-130				
1,3,5-Trichlorobenzene	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130				
1,1,1-Trichloroethane	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130				
1,1,2-Trichloroethane	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130				
Trichloroethylene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130				
Trichlorofluoromethane (Freon 11)	0.0202	0.010	mg/Kg wet	0.0200		101	70-130				
1,2,3-Trichloropropane	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0231	0.010	mg/Kg wet	0.0200		115	70-130				
Vinyl Chloride	0.0178	0.010	mg/Kg wet	0.0200		89.2	40-130				†
Surrogate: 1,2-Dichloroethane-d4	*0.0461*		mg/Kg wet	0.0500		92.3	70-130				
Surrogate: Toluene-d8	*0.0498*		mg/Kg wet	0.0500		99.6	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0502*		mg/Kg wet	0.0500		100	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B289676 - SW-846 5035											
LCS Dup (B289676-BSD1)				Prepared & Analyzed: 09/07/21							
Bromochloromethane	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130	2.79	25		
Bromodichloromethane	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	0.862	25		
Carbon Tetrachloride	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130	3.89	25		
Chlorobenzene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130	0.394	25		
Chlorodibromomethane	0.0215	0.0010	mg/Kg wet	0.0200		107	70-130	2.75	25		
Chloroethane	0.0198	0.020	mg/Kg wet	0.0200		98.9	70-130	6.93	25		
Chloroform	0.0202	0.0040	mg/Kg wet	0.0200		101	70-130	2.74	25		
Chloromethane	0.0170	0.010	mg/Kg wet	0.0200		84.9	70-130	10.3	25		
2-Chlorotoluene	0.0198	0.0020	mg/Kg wet	0.0200		98.8	70-130	2.70	25		
4-Chlorotoluene	0.0201	0.0020	mg/Kg wet	0.0200		101	70-130	3.80	25		
1,2-Dibromo-3-chloropropane (DBCP)	0.0179	0.0020	mg/Kg wet	0.0200		89.3	70-130	4.17	25		
1,2-Dichlorobenzene	0.0198	0.0020	mg/Kg wet	0.0200		98.8	70-130	0.203	25		
1,3-Dichlorobenzene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	1.28	25		
1,4-Dichlorobenzene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130	0.0976	25		
trans-1,4-Dichloro-2-butene	0.0186	0.0040	mg/Kg wet	0.0200		92.9	70-130	0.540	25		
Dichlorodifluoromethane (Freon 12)	0.0108	0.020	mg/Kg wet	0.0200		53.9	40-160	14.8	25	V-05	†
1,1-Dichloroethane	0.0192	0.0020	mg/Kg wet	0.0200		95.8	70-130	7.63	25		
1,2-Dichloroethane	0.0200	0.0020	mg/Kg wet	0.0200		99.9	70-130	3.15	25		
1,1-Dichloroethylene	0.0193	0.0040	mg/Kg wet	0.0200		96.5	70-130	4.36	25		
cis-1,2-Dichloroethylene	0.0195	0.0020	mg/Kg wet	0.0200		97.6	70-130	5.09	25		
trans-1,2-Dichloroethylene	0.0198	0.0020	mg/Kg wet	0.0200		98.8	70-130	7.97	25		
1,2-Dichloropropane	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130	2.93	25		
1,3-Dichloropropane	0.0200	0.0010	mg/Kg wet	0.0200		99.8	70-130	0.402	25		
2,2-Dichloropropane	0.0185	0.0020	mg/Kg wet	0.0200		92.7	70-130	8.57	25		
1,1-Dichloropropene	0.0187	0.0020	mg/Kg wet	0.0200		93.4	70-130	9.78	25		
cis-1,3-Dichloropropene	0.0206	0.0010	mg/Kg wet	0.0200		103	70-130	2.02	25		
trans-1,3-Dichloropropene	0.0204	0.0010	mg/Kg wet	0.0200		102	70-130	4.50	25		
Hexachlorobutadiene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-160	0.00	25		
Methylene Chloride	0.0186	0.020	mg/Kg wet	0.0200		93.2	40-160	3.27	25		†
1,1,1,2-Tetrachloroethane	0.0194	0.0020	mg/Kg wet	0.0200		97.2	70-130	5.79	25		
1,1,2,2-Tetrachloroethane	0.0200	0.0010	mg/Kg wet	0.0200		100	70-130	4.02	25		
Tetrachloroethylene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130	1.70	25		
1,2,3-Trichlorobenzene	0.0181	0.0020	mg/Kg wet	0.0200		90.5	70-130	1.86	25		
1,2,4-Trichlorobenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.5	70-130	3.90	25		
1,3,5-Trichlorobenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.3	70-130	6.02	25		
1,1,1-Trichloroethane	0.0192	0.0020	mg/Kg wet	0.0200		96.0	70-130	7.71	25		
1,1,2-Trichloroethane	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	3.87	25		
Trichloroethylene	0.0197	0.0020	mg/Kg wet	0.0200		98.7	70-130	5.23	25		
Trichlorofluoromethane (Freon 11)	0.0192	0.010	mg/Kg wet	0.0200		96.0	70-130	4.88	25		
1,2,3-Trichloropropane	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130	1.38	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0202	0.010	mg/Kg wet	0.0200		101	70-130	13.4	25		
Vinyl Chloride	0.0168	0.010	mg/Kg wet	0.0200		84.1	40-130	5.89	25		†
Surrogate: 1,2-Dichloroethane-d4	*0.0453*		mg/Kg wet	0.0500		90.7	70-130				
Surrogate: Toluene-d8	*0.0491*		mg/Kg wet	0.0500		98.2	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0500*		mg/Kg wet	0.0500		99.9	70-130				

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
RL-11	Elevated reporting limit due to high concentration of target compounds.
RL-13	Elevated reporting limit due to high concentration of non-target compounds.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C-D in Soil	
Bromochloromethane	NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
1,2-Dibromo-3-chloropropane (DBCP)	NY
1,2-Dibromo-3-chloropropane (DBCP)	NY
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
trans-1,4-Dichloro-2-butene	NY
Dichlorodifluoromethane (Freon 12)	NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA

con-test® A Pace Analytical® Laboratory

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C-D in Soil	
1,1-Dichloropropene	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
Methylene Chloride	CT,NH,NY,ME,VA
Methylene Chloride	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
Tetrachloroethylene	NY,ME,VA
Tetrachloroethylene	NY,ME,VA
1,2,3-Trichlorobenzene	NY
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA

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Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2022
MA	Massachusetts DEP	M-MA100	06/30/2022
CT	Connecticut Department of Publilc Health	PH-0165	12/31/2022
NY	New York State Department of Health	10899 NELAP	04/1/2022
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2022
RI	Rhode Island Department of Health	LAO00112	12/30/2021
NC	North Carolina Div. of Water Quality	652	12/31/2021
NJ	New Jersey DEP	MA007 NELAP	06/30/2022
FL	Florida Department of Health	E871027 NELAP	06/30/2022
VT	Vermont Department of Health Lead Laboratory	LL720741	07/30/2022
ME	State of Maine	MA00100	06/9/2023
VA	Commonwealth of Virginia	460217	12/14/2021
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2022
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2022
NC-DW	North Carolina Department of Health	25703	07/31/2022
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2022
MI	Dept. of Env, Great Lakes, and Energy	9100	09/6/2021

21I0124

Pace Analytical®

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Fax: 413-525-6405
Access COC's and Support Requests

http://www.pacelabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 5_07/13/2021

Company Name: HRP Associates
Address: 251 Roosevelt Dr, 2nd flr
Phone:
Project Name: Whitcraft
Project Location: Whitesboro, NY
Project Number: WH16527.RA
Project Manager: Brian Lowry
Pace Quote Name/Number:
Invoice Recipient:
Sampled By: KMA

Requested Turnaround Time: 7-Day [X] 10-Day [ ] PFAS 10-Day (std) [ ] Due Date:
Rush Approval Required: 1-Day [ ] 3-Day [X] 2-Day [ ] 4-Day [ ]
Data Delivery: Format: PDF [X] EXCEL [ ] Other: HRP EDD CLP Like Data Pkg Required: [ ] Email To: Fax To #:
Dissolved Metals Samples: O Field Filtered O Lab to Filter
Orthophosphate Samples: O Field Filtered O Lab to Filter
PCB ONLY: SOXHLET [ ] NON SOXHLET [ ]

ANALYSIS REQUESTED

Pace Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1]Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	CHLORINATED VOC	M
1	EXT-W-5 (6-8)	9/2/21	1040	G	S		3	1				X	
2	EXT-W-6 (1-3)	9/2/21	0935	G	S		3	1				X	
3	EXT-W-6 (5-7)	9/2/21	0955	G	S		3	1				X	
4	EXT-SW-7 (1-3)	9/2	1100	G	S		3	1				X	
5	EXT-SW-7 (5-7)	9/2/21	1115	G	S		3	1				X	
6	EXT-SW-8 (1-3)	9/2/21	1130	G	S		3	1				X	
7	EXT-SW-8 (8-10)	9/2/21	1145	G	S		3	1				X	
8	EXT-SW-9 (2-4)	9/2/21	1215	G	S		3	1				X	
9	EXT-SW-9 (6-8)	9/2/21	1235	G	S		3	1				X	
10	EXT-SW-10 (6-8)	9/2/21	1315	G	S		3	1				X	

	Relinquished by: (signature)	Date/Time:
		9/3/21 1120
	Received by: (signature)	Date/Time:
	Jon Cooters 11:20	9.3.21
	Relinquished by: (signature)	Date/Time:
	Jon Cooters 3:10	9.3.21
	Received by: (signature)	Date/Time:
	2.0	9/3/21 1530
	Relinquished by: (signature)	Date/Time:
	Received by: (signature)	Date/Time:
	Relinquished by: (signature)	Date/Time:
	Received by: (signature)	Date/Time:

Client Comments:

Detection Limit Requirements: MA: ; CT: ; Other: NJ

Special Requirements: [ ] MA MCP Required; MCP Certification Form Required; [ ] CT RCP Required; RCP Certification Form Required; [ ] MA State DW Required; PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity: Government [ ] Federal [ ] City [ ] Municipality [ ] 21 J [ ] Brownfield [ ] MWRA [ ] School [ ] MBTA [ ] WRTA [ ]

Other: [ ] Chromatogram [ ] AIHA-LAP,LLC

[2] Preservation Code

Courier Use Only
Total Number Of:
VIALS
GLASS
PLASTIC
BACTERIA
ENCORE

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N

*Pace Analytical is not responsible for missing samples from prepacked coolers

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Lab Comments:

Disclaimer: Pace Analytical is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Pace Analytical values your partnership on each project and will try to assist with missing information, but will not be held accountable.

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Pace Analytical®

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Access COC's and Support Requests

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CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 5_07/13/2021

Company Name: HRP Associates
Address: 251 Roosevelt Dr, 2nd floor
Phone:
Project Name: Whitcraft
Project Location: Whitesboro, NY
Project Number: WH16527.RA
Project Manager: Brian Lowry
Pace Quote Name/Number:
Invoice Recipient:
Sampled By: KMA

Requested Turnaround Time
7-Day KMA [ ] 10-Day [ ]
PFAS 10-Day (std) [ ] Due Date:

Rush Approval Required
1-Day [ ] 3-Day [X]
2-Day [ ] 4-Day [ ]

Data Delivery
Format: PDF [X] EXCEL [ ]
Other: HRP EDD
CLP Like Data Pkg Required: [ ]
Email To:
Fax To #:

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

PCB ONLY
SOXHLET [ ]
NON SOXHLET [ ]

ANALYSIS REQUESTED

Pace Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1]Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	Chlorinated VOCs
11	EXT-SW-10(8-10)	9/2/21	1325	G	S		3	1				X
12	EXT-SW-11(2-4)	9/2/21	1345	G	S		3	1				X
13	EXT-SW-11(8-10)	9/2/21	1400	G	S		3	1				X
14	EXT-SW-12(2-4)	9/2/21	1418	G	S		3	1				X
15	EXT-SW-12(4-6)	9/2/21	1425	G	S		3	1				X
16	EXT-SW-13 (1-3)	9/2/21	1435	G	S		3	1				X
17	EXT-SW-13(8-10)	9/2/21	1524	G	S		3	1				X
18	TB	9/2/21		—	—		3					X
19	DUP	9/2/21		G	S		3					X

[2] Preservation Code
Courier Use Only
Total Number Of:
VIALS
GLASS
PLASTIC
BACTERIA
ENCORE

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N
*Pace Analytical is not responsible for missing samples from prepacked coolers

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Relinquished by: (signature)	Date/Time:
	9/3/21 1120
Received by: (signature)	Date/Time:
Jon Cooper 11:20	9.3.21
Relinquished by: (signature)	Date/Time:
Jon Cooper 3:30	9.3.21
Received by: (signature)	Date/Time:
2.6	9/3/21 1530
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Client Comments:

Detection Limit Requirements
MA
CT
Other NY

Special Requirements
[ ] MA MCP Required
MCP Certification Form Required
[ ] CT RCP Required
RCP Certification Form Required
[ ] MA State DW Required
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government [ ] Municipality [ ] MWRA [ ] WRTA [ ]
Federal [ ] 21 J [ ] School [ ]
City [ ] Brownfield [ ] MBTA [ ]

Other
[ ] Chromatogram
[ ] AIHA-LAP,LLC

Lab Comments:

Disclaimer: Pace Analytical is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Pace Analytical values your partnership on each project and will try to assist with missing information, but will not be held accountable.

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I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client HBP

Received By _____ Date 9/3/21 Time 1530

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____

Direct from Sampling _____ Ambient _____ Melted Ice _____

Were samples within Temperature? 2-6°C T By Gun # 3 Actual Temp - 2.8

By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? N/a Were Samples Tampered with? N/a

Was COC Relinquished ? T Does Chain Agree With Samples? T

Are there broken/leaking/loose caps on any samples? F

Is COC in ink/ Legible? T Were samples received within holding time? T

Did COC include all pertinent Information? Client T Analysis T Sampler Name T

Project T ID's T Collection Dates/Times T

Are Sample labels filled out and legible? T

Are there Lab to Filters? F Who was notified? _____

Are there Rushes? T Who was notified? _____

Are there Short Holds? F Who was notified? _____

Is there enough Volume? T

Is there Headspace where applicable? N/a MS/MSD? F

Proper Media/Containers Used? T Is splitting samples required? F

Were trip blanks received? T On COC? T

Do all samples have the proper pH? Acid N/a Base N/a

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-	19	250 mL Amb.		250 mL Plastic		4oz Amb/Clear	18
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-	38	Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen: 9/3/21 @ 1530	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments: